

**APPENDIX F**  
**Sampling Documentation**

## Unit 2 - Run 1

Project Name	Veolia Sauget				
Project Number	40942525				
Facility	Comprehensive Performance Test - Unit 2				
Sample Type	M5	Mod M26A	M29	M0023A	Averages
Source	Unit 2	Unit 2	Unit 2	Unit 2	
Condition	1	1	1	1	
Run	1A	1B	1B	1B	
Date	10/8/2013	10/8/2013	10/8/2013	10/8/2013	
Time Start	11:50	15:40	15:40	15:40	
Time Stop	13:00	16:40	18:43	18:55	
	11:50-13:00	15:40-16:40	15:40-18:43	15:40-18:55	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.437	0.425	0.436	0.436	
DGMCF	1.002	1.011	1.002	0.999	
Standard Temperature (°F)	68	68	68	68	
Barometric Pressure Measured (" Hg)	29.89	29.89	29.89	29.89	
Stack Elevation (ft) <i>(relative to Barometer)</i>	34	34	34	34	
Barometric Pressure ("Hg)	29.856	29.856	29.856	29.856	
Average Stack Temperature (°F)	390.1	391.4	388.8	386.9	389.3
Average DGM Temp (°F)	77.2	75.0	82.0	83.5	
Average Delta H (in wc)	1.62	1.39	1.72	1.41	
Condensed Water (g)	604.9	649.5	1500.4	2072.3	
Test Duration (minutes)	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	0.02	0.02	0.02	0.02	
Carbon Monoxide (CO) Content (%)	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	6.35	7.95	7.95	7.95	
Oxygen (O <sub>2</sub> ) Content (%)	11.56	10.08	10.08	10.08	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.09	81.97	81.97	81.97	
Meter Volume (acf)	41.365	37.420	86.843	124.679	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.396	0.386	0.405	0.389	
Absolute Stack Pressure ("Hg)	29.86	29.86	29.86	29.86	
Absolute Stack Temperature (°R)	850.1	851.4	848.8	846.9	849.3
Flue Gas Moisture (%)	41.17	45.07	45.48	44.68	44.10
Moisture at saturation	N/A	N/A	N/A	N/A	
Moisture used in Calculation	41.17	45.07	45.48	44.68	44.10
Gas Molecular Weight (Wet) (g/g-mole)	24.75	24.41	24.37	24.46	
Corrected Volume of Gas sampled (acf)	41.448	37.832	87.017	124.554	
Volume at Meter (dscf)	40.815	37.384	84.952	121.164	
Average Gas Velocity (ft/sec)	30.50	29.97	31.41	30.05	30.48
Avg Flow Rate (acfh)	887,777	872,197	914,101	874,661	887,184
Avg Flow Rate (acfm)	14,796	14,537	15,235	14,578	14,786
Avg Flow Rate (scfh)	550,260	539,756	567,438	544,139	550,398
Avg Flow Rate (scfm)	9,171	8,996	9,457	9,069	9,173
Avg Flow Rate (dscfh)	323,699	296,491	309,383	301,009	307,645
Avg Flow Rate (dscfm)	5,395	4,942	5,156	5,017	5,127
Isokinetic Sampling Rate (%)	97.87	103.47	107.05	104.62	

## Unit 2 - Run 2A

<b>Project Name</b>	<b>Veolia Sauget</b>
<b>Project Number</b>	<b>40942525</b>
<b>Facility</b>	<b>Comprehensive Performance Test - Unit 2</b>

Sample Type	M5	Averages
Source	Unit 2	
Condition	1	
Run	2A	
Date	10/9/2013	
Time Start	09:45	
Time Stop	10:53	
	09:45-10:53	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	
Pitot Tube Correction Factor	0.84	
Nozzle Diameter (inches)	0.437	
DGMCF	1.002	
Standard Temperature (°F)	68	
Barometric Pressure Measured (" Hg)	29.85	
Stack Elevation (ft) <i>(relative to Barometer)</i>	34	
Barometric Pressure ("Hg)	29.816	
Average Stack Temperature (°F)	389.8	389.8
Average DGM Temp (°F)	70.7	
Average Delta H (in wc)	1.63	
Condensed Water (g)	638.5	
Test Duration (minutes)	60	
Static Pressure ("H <sub>2</sub> O)	0.02	
Carbon Monoxide (CO) Content (%)	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	6.56	
Oxygen (O <sub>2</sub> ) Content (%)	11.23	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.20	
Meter Volume (acf)	42.463	
Average square root of $\Delta P$ ( $(\sqrt{\Delta P})_{avg}$ )	0.403	
Absolute Stack Pressure ("Hg)	29.82	
Absolute Stack Temperature (°R)	849.8	849.8
Flue Gas Moisture (%)	41.59	41.59
Moisture at saturation	N/A	
Moisture used in Calculation	41.59	41.59
Gas Molecular Weight (Wet) (g/g-mole)	24.72	
Corrected Volume of Gas sampled (acf)	42.548	
Volume at Meter (dscf)	42.356	
Average Gas Velocity (ft/sec)	31.07	31.07
Avg Flow Rate (acfh)	904,204	904,204
Avg Flow Rate (acfm)	15,070	15,070
Avg Flow Rate (scfh)	559,910	559,910
Avg Flow Rate (scfm)	9,332	9,332
Avg Flow Rate (dscfh)	327,067	327,067
Avg Flow Rate (dscfm)	5,451	5,451
Isokinetic Sampling Rate (%)	100.52	

## Unit 2 - Run 3

Project Name	Veolia Sauget				
Project Number	40942525				
Facility	Comprehensive Performance Test - Unit 2				
Sample Type	M5	Mod M26A	M29	M0023A	Averages
Source	Unit 2	Unit 2	Unit 2	Unit 2	
Condition	1	1	1	1	
Run	3A	3B	3B	3B	
Date	10/10/2013	10/10/2013	10/10/2013	10/10/2013	
Time Start	09:15	12:30	12:30	12:30	
Time Stop	10:23	13:30	15:10	15:40	
	09:15-10:23	12:30-13:30	12:30-15:10	12:30-15:40	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.437	0.425	0.436	0.436	
DGMCF	1.002	1.011	1.002	0.999	
Standard Temperature (°F)	68	68	68	68	
Barometric Pressure Measured (" Hg)	29.82	29.82	29.82	29.82	
Stack Elevation (ft) <i>(relative to Barometer)</i>	34	34	34	34	
Barometric Pressure ("Hg)	29.786	29.786	29.786	29.786	
Average Stack Temperature (°F)	391.2	396.4	393.3	395.5	394.1
Average DGM Temp (°F)	70.2	81.3	84.0	88.1	
Average Delta H (in wc)	1.55	1.38	1.48	1.41	
Condensed Water (g)	632.1	669.0	1411.8	2096.1	
Test Duration (minutes)	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	0.02	0.02	0.02	0.02	
Carbon Monoxide (CO) Content (%)	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	6.28	7.50	7.50	7.50	
Oxygen (O <sub>2</sub> ) Content (%)	11.48	10.38	10.38	10.38	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.24	82.12	82.12	82.12	
Meter Volume (acf)	41.392	37.857	81.243	124.366	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.393	0.409	0.402	0.411	
Absolute Stack Pressure ("Hg)	29.79	29.79	29.79	29.79	
Absolute Stack Temperature (°R)	851.2	856.4	853.3	855.5	854.1
Flue Gas Moisture (%)	41.97	45.87	45.78	45.29	44.73
Moisture at saturation	N/A	N/A	N/A	N/A	
Moisture used in Calculation	41.97	45.87	45.78	45.29	44.73
Gas Molecular Weight (Wet) (g/g-mole)	24.65	24.29	24.30	24.35	
Corrected Volume of Gas sampled (acf)	41.475	38.273	81.405	124.242	
Volume at Meter (dscf)	41.278	37.290	78.951	119.568	
Average Gas Velocity (ft/sec)	30.42	31.95	31.36	32.05	31.44
Avg Flow Rate (acfh)	885,200	929,898	912,708	932,661	915,117
Avg Flow Rate (acfm)	14,753	15,498	15,212	15,544	15,252
Avg Flow Rate (scfh)	546,679	570,763	562,264	573,054	563,190
Avg Flow Rate (scfm)	9,111	9,513	9,371	9,551	9,387
Avg Flow Rate (dscfh)	317,249	308,979	304,833	313,504	311,141
Avg Flow Rate (dscfm)	5,287	5,150	5,081	5,225	5,186
Isokinetic Sampling Rate (%)	100.99	99.04	100.97	99.13	

## Unit 2 - Run 4B

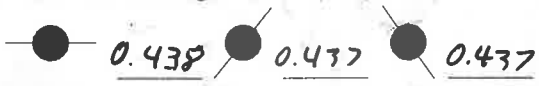
<b>Project Name</b>	<b>Veolia Sauget</b>
<b>Project Number</b>	<b>40942525</b>
<b>Facility</b>	<b>Comprehensive Performance Test - Unit 2</b>

	Mod M26A	M29	M0023A	Averages
Sample Type	Unit 2	Unit 2	Unit 2	
Source	1	1	1	
Condition	4B	4B	4B	
Run	10/11/2013	10/11/2013	10/11/2013	
Date	09:45	09:45	09:45	
Time Start	10:45	12:25	12:55	
Time Stop	09:45-10:45	09:45-12:25	09:45-12:55	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.425	0.436	0.436	
DGMCF	1.011	1.002	0.999	
Standard Temperature (°F)	68	68	68	
Barometric Pressure Measured (" Hg)	29.74	29.74	29.74	
Stack Elevation (ft) <i>(relative to Barometer)</i>	34	34	34	
Barometric Pressure ("Hg)	29.706	29.706	29.706	
Average Stack Temperature (°F)	391.3	387.6	390.6	389.8
Average DGM Temp (°F)	74.7	74.8	77.4	
Average Delta H (in wc)	1.28	1.39	1.33	
Condensed Water (g)	631.2	1382.8	2087.3	
Test Duration (minutes)	60	120	180	
Static Pressure ("H <sub>2</sub> O)	0.04	0.04	0.04	
Carbon Monoxide (CO) Content (%)	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	7.69	7.69	7.69	
Oxygen (O <sub>2</sub> ) Content (%)	10.18	10.18	10.18	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.13	82.13	82.13	
Meter Volume (acf)	36.206	79.138	121.269	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.394	0.395	0.402	
Absolute Stack Pressure ("Hg)	29.71	29.71	29.71	
Absolute Stack Temperature (°R)	851.3	847.6	850.6	849.8
Flue Gas Moisture (%)	45.29	45.57	45.40	45.42
Moisture at saturation	N/A	N/A	N/A	
Moisture used in Calculation	45.29	45.57	45.40	45.42
Gas Molecular Weight (Wet) (g/g-mole)	24.37	24.33	24.35	
Corrected Volume of Gas sampled (acf)	36.604	79.296	121.148	
Volume at Meter (dscf)	36.003	78.003	118.568	
Average Gas Velocity (ft/sec)	30.71	30.74	31.32	30.92
Avg Flow Rate (acfh)	893,784	894,553	911,665	900,001
Avg Flow Rate (acfm)	14,896	14,909	15,194	15,000
Avg Flow Rate (scfh)	550,472	553,329	561,924	555,242
Avg Flow Rate (scfm)	9,175	9,222	9,365	9,254
Avg Flow Rate (dscfh)	301,138	301,181	306,832	303,050
Avg Flow Rate (dscfm)	5,019	5,020	5,114	5,051
Isokinetic Sampling Rate (%)	98.11	100.97	100.44	

## Unit 2 - Run 5B

<b>Project Name</b>	<b>Veolia Sauget</b>
<b>Project Number</b>	<b>40942525</b>
<b>Facility</b>	<b>Comprehensive Performance Test - Unit 2</b>

	Mod M26A	M29	M0023A	Averages
Sample Type	Unit 2	Unit 2	Unit 2	
Source	1	1	1	
Condition	5B	5B	5B	
Run	10/30/2013	10/30/2013	10/30/2013	
Date	12:45	12:45	12:45	
Time Start	13:45	15:32	16:02	
Time Stop	12:45-13:45	12:45-15:32	12:45-16:02	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.426	0.438	0.437	
DGMCF	1.011	1.002	0.999	
Standard Temperature (°F)	68	68	68	
Barometric Pressure Measured (" Hg)	29.70	29.70	29.70	
Stack Elevation (ft) <i>(relative to Barometer)</i>	34	34	34	
Barometric Pressure ("Hg)	29.666	29.666	29.666	
Average Stack Temperature (°F)	392.0	386.3	389.1	389.1
Average DGM Temp (°F)	75.1	78.9	74.6	
Average Delta H (in wc)	1.33	1.47	1.56	
Condensed Water (g)	609.1	1314.1	1988.9	
Test Duration (minutes)	60	120	180	
Static Pressure ("H <sub>2</sub> O)	-0.03	-0.03	-0.03	
Carbon Monoxide (CO) Content (%)	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	7.25	7.25	7.25	
Oxygen (O <sub>2</sub> ) Content (%)	10.50	10.50	10.50	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.26	82.26	82.26	
Meter Volume (acf)	37.161	81.488	127.192	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.401	0.401	0.427	
Absolute Stack Pressure ("Hg)	29.66	29.66	29.66	
Absolute Stack Temperature (°R)	852.0	846.3	849.1	849.1
Flue Gas Moisture (%)	43.82	43.81	42.92	43.52
Moisture at saturation	N/A	N/A	N/A	
Moisture used in Calculation	43.82	43.81	42.92	43.52
Gas Molecular Weight (Wet) (g/g-mole)	24.51	24.51	24.61	
Corrected Volume of Gas sampled (acf)	37.570	81.651	127.065	
Volume at Meter (dscf)	36.879	79.607	124.921	
Average Gas Velocity (ft/sec)	31.21	31.06	33.10	31.79
Avg Flow Rate (acfh)	908,296	903,845	963,377	925,172
Avg Flow Rate (acfm)	15,138	15,064	16,056	15,420
Avg Flow Rate (scfh)	558,068	559,106	593,943	570,372
Avg Flow Rate (scfm)	9,301	9,318	9,899	9,506
Avg Flow Rate (dscfh)	313,523	314,180	339,028	322,244
Avg Flow Rate (dscfm)	5,225	5,236	5,650	5,371
Isokinetic Sampling Rate (%)	96.08	97.89	95.33	

Sample Type - <b>Particulate Matter (Method 5)</b>	Date <u>10-8-13</u>	Filter No. <u>PK 2509</u>	Page <u>1</u> of <u>1</u>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <u>1</u>		<b>Train Leak Rate (cfm @ "Hg)</b>
Project Number: <b>40942525.30-02</b>	Run: <u>1 A</u>	Nozzle ID <u>-</u>	Initial <u>0.004 @ 15</u>
Facility: <b>Fixed Hearth - Unit 2</b>	Console ID <u>A161399</u>	Nozzle Dia (in) <u>0.437</u>	Final <u>0.001 @ 8</u>
Source: <b>Stack</b>	DGMCF <u>1.002</u>	Barometer ID <u>BP-2</u>	Pitot Tube ID <u>P-302</u>
Operator: <u>EDF</u>	$\Delta H@$ <u>1.790</u>	Bar. Press. ("Hg) <u>29.89</u>	PTCF <u>0.84</u>
Duct Dimension(s) <u>35" 38.5" EDF 10-8-13</u>	Kf <u>10.78</u>	Stat. Press. ("H <sub>2</sub> O) <u>0.02</u>	<b>Pitot Tube Leak Check</b>
Nozzle Calibration	Elevation (ft) (relative to Barometer) <u>34</u>		Initial (+) <u>0.0073</u> (-) <u>0.0073</u>
Caliper ID <u>700903</u> 			Final (+) <u>0.0073</u> (-) <u>0.0073</u>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ (in. H <sub>2</sub> O)	$\Delta H$ (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
W6	1150	797.859	0.17	1.1	391	248	262	63	T	74	3.0
W5	1155	800.5	0.17	1.8	392	248	263	56	T	75	3.0
W4	1200	803.9	0.16	1.8	393	252	265	53	T	75	5.0
W3	1205	807.5	0.17	1.8	392	252	266	62	T	75	5.0
W2	1210	811.6	0.19	2.0	392	253	264	63	T	76	5.0
W1	1215	815.0	0.13	1.4	391	254	262	68	T	77	5.0
STOP	1220	818.432	EDF post-10-8-13 $K_{f, \text{post}} = 0.002 @ 7" \text{ post}$			Leak $\checkmark = 0.007 @ 12"$					
S6	1230	818.503	0.12	1.3	387	249	263	54	-	78	4.0
S5	1235	821.4	0.14	1.4	389	252	264	49	-	78	4.5
S4	1240	824.7	0.17	1.8	391	253	265	46	-	79	4.5
S3	1245	828.4	0.17	1.8	392	253	265	46	-	79	5.5
S2	1250	832.2	0.16	1.7	392	254	265	48	-	80	5.5
S1	1255	835.9	0.14	1.5	379	253	264	49	-	80	5.5
STOP	1300	839.295									

Comments: \_\_\_\_\_

Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. 1A  
 Balance ID TE4101A  
 Recovered by JPM

# Particulate Matter EPA Method 5

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1	Water	100	Mod	960.2	749.2
2	Water	100	G/S	1007.1	751.3
3	Empty	--	Mod	762.1	646.9
4	Silica Gel	~ 300g	Mod	941.3	918.4
5					
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 20 % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>1A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
VS2-STK-1 <u>1A</u> -M5-Filt	Petri Dish	Filter

Comments

RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013





Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 1B  
 Balance ID TE 4101A  
 Recovered by DPM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	989.1	640.8
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	968.4	749.9
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	803.3	741.3
4	0.1 N NaOH	100	Mod	757.7	748.0
5	0.1 N NaOH	100	Mod	763.5	761.0
6	Silica Gel	~ 300g	Mod	942.6	934.1

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. <10 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V52-STK-1 <u>1B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V52-STK-1 <u>1B</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


Sample Type - Multi Metals (Method 29)		Date 10-8-13	X		Page 1 of 1
Project Name: Veolia - Sauget, IL		Condition: 1			Sampling Train Leak Rate (cfm@"Hg)
Project Number: 40942525.30-02		Run: 1 B	Nozzle ID —		Initial 0.003 @ 15.0
Facility: Fixed Hearth - Unit 2		Console ID A161399	Nozzle Dia (in) 0.436		Final 0.002 @ 7.0
Source: Stack		DGMCF 1.002	Barometer ID 38-2		Pitot Tube ID 5-19
Operator EDF		ΔH@ 1.790	Bar. Press. ("Hg) 29.89		PTCF 0.84
Duct Dimension(s) 39" <sup>haly</sup> 38" <sup>12</sup>		Kf 10.30	Stat. Press. ("H <sub>2</sub> O) 0.02		Pitot Tube Leak Check
Nozzle Calibration		Elevation (ft) (relative to Barometer) 34		Initial (+) <math>\Delta</math>73 (-) <math>\Delta</math>73	
Caliper ID 700903		0.436 0.435 0.436		Final (-) <math>\Delta</math>73 (-) <math>\Delta</math>73	

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)	
					Stack	Probe	Filter	Imp Exit	DGM In		
56	1540	839.457	0.15	1.5	385	247	250	53	81	3.5	3.5
<del>55</del>	<del>1545</del>	<del>842.8</del>	<del>0.15</del>	<del>1.5</del>	<del>386</del>	<del>248</del>	<del>252</del>	<del>45</del>	<del>81</del>	<del>3.5</del>	
55	1550	846.3	0.15	1.5	388	250	260	43	81	3.5	
	1555	849.7	0.15	1.5	387	249	262	44	81	3.5	
54	1600	853.0	0.17	1.8	388	252	263	44	81	4.5	
	1605	856.6	0.16	1.7	391	249	265	46	81	4.5	
53	1610	860.3	0.17	1.8	392	249	264	47	81	5.0	
	1615	864.0	0.17	1.8	392	252	267	50	81	5.0	
52	1620	868.1	0.17	1.8	392	252	267	49	81	5.0	
	1625	871.5	0.17	1.8	391	250	267	50	81	5.0	
51	1630	875.1	0.17	1.8	390	250	269	51	82	5.0	
	1635	878.9	0.17	1.8	388	251	262	52	82	5.0	
STOP	1640	882.558			post leak $\sqrt{V} = 0.002 @ 8"$			pre leak $\sqrt{V} = 0.002 @ 12"$			
W6	1721	882.725	0.17	1.8	386	251	266	61	82	5.5	
	1726	886.3	0.17	1.8	386	254	266	47	82	5.5	
W5	1731	889.9	0.17	1.8	387	259	266	46	83	5.5	
	1736	893.6	0.17	1.8	389	257	267	46	83	6.0	
W4	1741	897.4	0.18	1.9	389 <sup>390</sup>	259	267	48	83	6.5	
	1746	901.1	0.18	1.9	391	256	268	50	83	6.5	
W3	1751	904.9	0.17	1.8	391	256	266	52	83	6.0	
	1756	908.7	0.16	1.8	391	254	266	51	83	6.0	
W2	1801	912.5	0.17	1.8	390	252	266	49	83	6.0	
	1806	916.2	0.16	1.7	389	254	264	51	83	6.0	
W1	1811	920.1	0.15	1.5	387	254	267	53	83	6.0	
STOP	1816	923.600			post leak $\sqrt{V} = 0.002 @ 7"$			pre leak $\sqrt{V} = 0.002 @ 12"$			
	1838	927.600	0.13	1.3	384	249	265	58	82	5.0	
STOP	1843	926.879									

Notes \_\_\_\_\_

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. 1B  
 Balance ID TE4101A  
 Recovered by JPm

# Multi-Metals No Determination of PM EPA Method 29

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	1	-	K/O	971.0	625.1
2	Nitric/Peroxide	100	Mod	989.1	751.8
3	Nitric/Peroxide	100	S/G	996.3	723.6
4	-	-	Mod	1012.9	637.8
5	KMnO <sub>4</sub> Soln	100	Mod	933.8	756.9
6	KMnO <sub>4</sub> Soln	100	Mod	761.5	761.8
7	Silica Gel	~300g	Mod	946.3	929.9
4A	-	-	Mod	709.6	633.2

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
V52-STK-1 <u>1B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
V52-STK-1 <u>1B</u> -M29-Filt	Petri Dish	Filter
V52-STK-1 <u>1B</u> -M29-NPI	1000 ml	Nitric Impingers 1-3
V52-STK-1 <u>1B</u> -M29-EIR NPI 4	<del>1000</del> 250 ml	Empty Impinger Rinse <sup>4</sup>
V52-STK-1 <u>1B</u> -M29-Perm 2	1000 ml	Permanganate Impinger
V52-STK-1 <u>1B</u> -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger
V52-STK-1 <u>1B</u> -M29-Perm 1	500 ml	Permanganate Imp.

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.

Note condition of silica gel. ~20% spent

Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s). 100

Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.

Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label

Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)

Log samples into logbook and store appropriately.

Comments	Imp. 4A Replaced Imp. 4 @ 18/6
	Nitric/Peroxide soln & Condensate were carried over into the 1st KMnO <sub>4</sub> impinger. The 2nd KMnO <sub>4</sub> impinger was not affected.

Sample Type - PCDD/PCDF (Method 0023A)		Date <u>10-8-13</u>		Page <u>1</u> of <u>2</u>	
Project Name: <u>Veolia - Sauget, IL</u>		Condition: <u>1</u>		Train Leak Rate (cfm @ "Hg)	
Project Number: <u>40942525.30-02</u>		Run: <u>1</u> B	Nozzle ID <u>—</u>	Initial <u>0.000 @ 16</u>	
Facility: <u>Fixed Hearth - Unit 2</u>		Console ID <u>161401</u>	Nozzle Dia (in) <u>0.436</u>	Final <u>0.000 @ 16</u>	
Source: <u>Stack</u>		DGMCF <u>0.999</u>	Barometer ID <u>BP-2</u>	Pitot Tube ID <u>5-03</u>	
Operator <u>JE</u>		ΔH@ <u>1.649</u>	Bar. Press. ("Hg) <u>29.89</u>	PTCF <u>0.84</u>	
Duct Dimension(s) <u>38 1/2" diameter</u>		Kf <u>—</u>	Stat. Press. ("H <sub>2</sub> O) <u>0.02</u>	Pitot Tube Leak Check	
Nozzle Calibration			Elevation (ft) (relative to Barometer)	Initial (+) <input checked="" type="checkbox"/> (-) <input checked="" type="checkbox"/>	
Caliper ID <u>700903</u> <u>0.437</u> <u>0.435</u> <u>0.437</u>			<u>34</u>	Final (+) <input checked="" type="checkbox"/> (-) <input checked="" type="checkbox"/>	

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
W-1	1540	482.438	0.13	1.2	373	246	248	55	59	80	265	6.5
1E	1545	485.77	0.10	0.92	358	247	243	53	53	80	265	6.0
1S	1550	488.45	0.10	0.92	359	250	258	56	54	80	265	6.0
24	1555	491.55	0.14	1.40	383	249	259	61	54	79	265	8.0
25	1600	494.42	0.18	1.65	385	251	258	67	55	79	265	9.0
26	1605	498.09	0.19	1.75	392	252	260	66	52	79	265	10.0
3	1610	502.35	0.17	1.55	373	247	256	66	51	80	265	10.0
3	1615	506.82	0.17	1.55	392	248	256	67	48	80	265	10.0
5-13	1620	509.59	0.19	1.75	392	249	256	64	47	80	265	10.5
4-2	1625	513.50	0.16	1.50	392	250	258	65	47	81	265	9.0
4-3	1630	516.57	0.17	1.60	391	252	258	67	48	81	265	9.5
4-4	1635	520.03	0.17	1.60	391	253	257	65	47	82	265	9.5
5-5	1640	523.54	0.15	1.40	390	249	257	63	47	83	265	9.0
5-6	1645	527.12	0.15	1.40	390	249	258	64	47	83	265	9.0
5	1650	530.68	0.17	1.60	390	254	258	64	47	83	265	9.5
6	1655	534.70	0.14	1.30	390	251	257	63	48	84	265	8.5
6	1700	537.59	0.16	1.50	390	253	258	63	49	84	265	9.0
6	1705	541.02	0.15	1.40	389	255	260	67	49	84	265	9.0
	1710	544.685	Post leak check = 0.000 @ 14" Hg, Pre leak check = 0.000 @ 14" Hg									
S-1	1725	544.812	0.15	1.40	380	253	260	41	53	85	265	11.5
1	1730	548.37	0.13	1.20	380	252	259	41	48	86	265	11.0
1	1735	551.56	0.13	1.20	381	252	259	42	47	85	265	11.0
2	1740	555.01	0.15	1.40	386	254	259	43	48	85	265	12.5
2	1745	588.62	0.16	1.50	389	252	259	43	49	85	265	12.5
2	1750	561.30	0.16	1.50	390	254	260	43	50	85	265	12.5
3	1755	565.40	0.17	1.60	390	253	260	44	51	86	265	12.5
3	1800	569.09	0.15	1.40	392	252	258	45	51	86	265	12.0
3	1805	572.60	0.15	1.40	391	251	258	45	52	86	265	12.0
4	1810	576.35	0.15	1.40	391	251	258	46	53	86	265	12.0

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

# Dioxins and Furans SW-846 - Method 0023A

Condition No. 1  
 Run No. 1B  
 Balance ID TE 4101A  
 Recovered by DPM

## Moisture Determination

Imp No.	Contents	Vol (ml)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	297.5	936.0
2	H <sub>2</sub> O	~100	G/S	730.0	728.8
3	H <sub>2</sub> O	~100	Mod	777.7	726.6
4	Silica Gel	~300g	Mod	981.9	950.4
5					
6					

## Sample Recovery Checklist

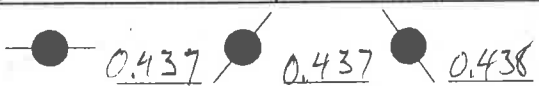
- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filtr sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. \_\_\_\_% spent
- Rinse the back half of the filter holder, Teflon transfer line (if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

## Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <input checked="" type="checkbox"/> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1 <input checked="" type="checkbox"/> -M0023A-Filt	Petri Dish	Filter
VS2-STK-1 <input checked="" type="checkbox"/> -M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1 <input checked="" type="checkbox"/> -M0023A-XAD	Sorbent Trap	XAD Sorbent

## Comments




Sample Type - <b>Particulate Matter (Method 5)</b>		Date <b>10-9-13</b>	Filter No. <b>PK 2510</b>	Page <b>1</b> of <b>1</b>
Project Name: <b>Veolia - Sauget, IL</b>		Condition: <b>1</b>	Nozzle ID <b>—</b>	<b>Train Leak Rate (cfm @ "Hg)</b>
Project Number: <b>40942525.30-02</b>		Run: <b>2A</b>		Initial <b>0.004 @ 15</b>
Facility: <b>Fixed Hearth - Unit 2</b>		Console ID <b>A161399</b>	Nozzle Dia (in) <b>0.437</b>	Final <b>0.002 @ 10</b>
Source: <b>Stack</b>		DGMCF <b>1,002</b>	Barometer ID <b>BP-</b>	Pitot Tube ID <b>P-302</b>
Operator: <b>EDF</b>		$\Delta H@$ <b>1.790</b>	Bar. Press. ("Hg) <b>29.85</b>	PTCF <b>0.84</b>
Duct Dimension(s) <b>38.5"</b>		Kf <b>—</b>	Stat. Press. ("H <sub>2</sub> O) <b>0.02</b>	<b>Pitot Tube Leak Check</b>
Nozzle Calibration			Elevation (ft) (relative to Barometer) <b>34</b>	Initial <b>(+)0.02 &gt; 3</b> <b>(-)0.02 &gt; 3</b>
Caliper ID <b>700903</b> 				Final <b>(+)0.02 &gt; 3</b> <b>(-)0.02 &gt; 3</b>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ (in. H <sub>2</sub> O)	$\Delta H$ (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
W6	0945	927.023	0.15	1.5	386	258	267	52	T	69	4.0
W5	0950	930.3	0.17	1.7	389	264	266	44		69	4.5
W4	0955	933.9	0.16	1.6	390	259	266	44		69	4.5
W3	1000	937.5	0.17	1.7	390	259	269	46		69	4.5
W2	1005	941.3	0.17	1.7	391	258	266	48		70	4.5
W1	1010	944.7	0.16	1.6	389	256	270	49		70	4.5
STOP	1015	948.158			post leak $\checkmark = 0.001 @ 8"$		pre leak $\checkmark = 0.002 @ 12"$				
S6	1023	948.286	0.14	1.4	387	257	270	54	T	71	4.0
S5	1028	951.5	0.17	1.7	390	259	269	49		71	5.0
S4	1033	955.2	0.16	1.6	390	257	267	49		72	5.0
S3	1038	958.6	0.17	1.7	391	261	267	50		72	5.0
S2	1043	962.2	0.17	1.7	392	259	267	51		73	5.5
S1	1048	966.0	0.16	1.6	392	258	267	53		73	5.0
STOP	1053	969.614									



Project Name Veolia -- Saugeit, IL  
 Project Number 40942525.30-02  
 Date 10/9/13  
 Source Unit 2 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. 2A  
 Balance ID TE4101A  
 Recovered by DPM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
72	Water	100	Mod	921.8	746.8
73	Water	100	G/S	851.5	753.5
74	Empty	-	Mod	654.7	648.4
75	Silica Gel	~ 300g	Mod	951.9	941.3
71	Empty	-	KO	948.4	599.8
6					

*Handwritten notes:* 72, 73, 74, 75

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. ~50% spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
V52-STK-1 <u>2A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
V52-STK-1 <u>2A</u> -M5-Filt	Petri Dish	Filter

Comments \* Added SS KO Impinger (empty) as a  
 Condensate knock-out ahead of normal  
 Method 5 configuration.

Sample Type - <b>Particulate Matter (Method 5)</b>	Date <b>10-10-13</b>	Filter No. <b>PK 2511</b>	Page <b>1</b> of <b>1</b>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <b>1</b>		<b>Train Leak Rate (cfm @ "Hg)</b>
Project Number: <b>40942525.30-02</b>	Run: <b>3A</b>	Nozzle ID <b>←</b>	Initial <b>0.004 @ 15</b>
Facility: <b>Fixed Hearth - Unit 2</b>	Console ID <b>A16399</b>	Nozzle Dia (in) <b>0.437</b>	Final <b>0.002 @ 10</b>
Source: <b>Stack</b>	DGMCF <b>1.002</b>	Barometer ID <b>BP-2</b>	Pitot Tube ID <b>P-302</b>
Operator: <b>EDF</b>	ΔH@ <b>1.790</b>	Bar. Press. ("Hg) <b>29.82</b>	PTCF <b>0.84</b>
Duct Dimension(s) <b>38.5"</b>	Kf <b>10.04</b>	Stat. Press. ("H <sub>2</sub> O) <b>0.02</b>	<b>Pitot Tube Leak Check</b>
Nozzle Calibration		Elevation (ft) (relative to Barometer) <b>34</b>	Initial <b>(+)0.0023 (-)0.0023</b>
Caliper ID <b>700903</b>	<b>0.437 0.437 0.438</b>		Final <b>(+)0.0023 (-)0.0023</b>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP (in. H <sub>2</sub> O)	ΔH (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
S6	0915	9.958	0.13	1.3	387	263	269	55	T	67	3.5
S5	0920	13.1	0.15	1.5	389	263	267	46	T	67	4.0
S4	0925	16.4	0.15	1.5	390	265	267	45	T	67	4.0
S3	0930	19.8	0.14	1.4	390	265	267	49	T	68	4.0
S2	0935	23.3	0.16	1.6	390	263	267	54	T	68	4.5
S1	0940	26.5	0.16	1.6	390	261	267	59	T	69	4.5
STOP	0945	30.073	post leak K <sub>v</sub> = 0.00		2 @ 10"		pre leak K <sub>v</sub> = 0.00				3 @ 12"
W6	0953	30.564	0.15	1.5	391	264	272	62	T	71	4.5
W5	0958	33.8	0.16	1.6	393	272	267	58	T	71	5.0
W4	1003	37.2	0.17	1.7	393	264	274	53	T	72	5.0
W3	1008	40.8	0.17	1.7	394	263	269	53	T	73	5.0
W2	1013	44.7	0.17	1.7	394	265	266	54	T	74	5.0
W1	1018	48.5	0.15	1.5	393	257	267	55	T	75	5.0
STOP	1023	51.841									

Comments:

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.30-02  
 Date 10/10/13  
 Source Unit 2 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. 3A  
 Balance ID TE 4101A  
 Recovered by DFM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
72	Water	100	Mod	918.8	753.4
73	Water	100	G/S	885.2	750.6
74	Empty	--	Mod	681.2	648.3
75	Silica Gel	~ 300g	Mod	930.7	913.4
71	Empty	~	Mo SS KO	882.1	600.2
6			DFM 10/9		

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. <20 % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
V52-STK-1 <u>3A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
V52-STK-1 <u>3A</u> -M5-Filt	Petri Dish	Filter

Comments \* Added SS KO Impinger (empty) as a condensate trap for high moisture stream.

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date 10-10-13	Filter No. PK N/A 10/9/13 PM	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1	Nozzle ID -	Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.30-02	Run: 3 B	Nozzle Dia (in) 0.425	Initial 0.006 @ 15
Facility: Fixed Hearth - Unit 2	Console ID A161395	Barometer ID BP-2	Final 0.005 @ 9.5
Source: Stack	DGMCF 1.011	Stat. Press. ("H <sub>2</sub> O) 0.02	Pitot Tube ID P-529
Operator EDE/KM	ΔH@ 1.824	Meter Elevation (ft) (relative to Barometer) 34	PTCF 0.84
Duct Dimension(s) 38.5"	Kf 8.20		Pitot Tube Leak Check
Nozzle Calibration			Initial (+) 0.023 (-) 0.023
Caliper ID 700903	0.425 0.425 0.425		Final (+) 0.073 (-) 0.073

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O) <small>sum</small>	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
NW-C	1230	74.927	0.17	1.314	397	254	260	65	81	4.0
	1235	78.02	0.17	1.40	398	259	261	47	81	5.0
	1240	81.13	0.18	1.50	398	261	262	46	80	5.5
	1245	84.38	0.15	1.25	398	262	262	47	81	5.5
	1250	87.40	0.20	1.65	398	262	263	48	80	6.0
	1255	90.82	0.18	1.50	398	261	261	50	81	6.0
	1300	94.14	0.16	1.30	397	261	265	50	81	6.0
	1305	97.24	0.15	1.25	396	259	263	50	82	6.0
	1310	100.31	0.16	1.30	395	259	264	50	82	6.0
	1315	103.43	0.16	1.30	394	261	262	50	82	6.0
	1320	106.61	0.17	1.40	394	260	263	51	82	6.0
	1325	109.65	0.16	1.30	394	261	264	51	83	6.0
	1330	112.784								

Project Name Veolia - Sauget, IL

Project Number 40942525.30-02

Date 10/10/13

Source Unit 2 Stack

# HCl/Cl2 EPA Method 26A

Condition No. 1

Run No. 3B

Balance ID TE4101A

Recovered by DPM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	935.2	641.7
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	960.4	748.0
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	876.8	745.2
4	0.1 N NaOH	100	Mod	766.2	746.9
5	0.1 N NaOH	100	Mod	764.4	760.2
6	Silica Gel	~ 300g	Mod	959.2	951.2

<sup>a</sup>this impinger optional, per Method 26A

## Sample Recovery Checklist

✓ (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.

✓ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.

✓ Note condition of the silica gel impinger. <25% spent

✓ Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.

✓ Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.

✓ Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>3B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS2-STK-1 <u>3B</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
Per EM SOP-021  
Revision Date: July 2013

Sample Type - Multi Metals (Method 29)		Date 10-10-13	X		Page 1 of 1	
Project Name: Veolia - Sauget, IL		Condition: 1			Sampling Train Leak Rate (cfm@"Hg)	
Project Number: 40942525.30-02		Run: 3 B	Nozzle ID -		Initial 0.004@15	
Facility: Fixed Hearth - Unit 2		Console ID A161399	Nozzle Dia (in) 0.436		Final 0.003@8	
Source: Stack		DGMCF 1.002	Barometer ID BP-2		Pitot Tube ID 5-19	
Operator EAF		ΔH@ 1.790	Bar. Press. ("Hg) 29.82		PTCF 0.84	
Duct Dimension(s) 38.5"		Kf 9.08	Stat. Press. ("H <sub>2</sub> O) 0.02		Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) 34		Initial (+) 0.0023	(-) 0.0023	
Caliper ID 700903		0.436 0.435 0.436		Final (-) 0.0023	(-) 0.0023	

Point	Clock Time	DGM Reading (ft <sup>2</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
W6	1230	52.082	0.15	1.5	391	261	263	60	80	3.5
W	1235	55.5	0.15	1.4	393	260	266	45	80	3.5
W5	1240	58.6	0.15	1.3	395	261	264	44	80	3.5
	1245	61.8	0.16	1.4	395	263	265	44	80	3.5
W4	1250	65.2	0.20	1.8	397	260	266	45	80	4.5
	1255	68.8	0.19	1.7	397	258	266	45	81	4.5
W3	1300	72.7	0.16	1.4	397	255	264	45	81	4.0
	1305	76.0	0.15	1.3	396	253	264	45	82	4.0
W2	1310	79.2	0.16	1.4	395	249	265	46	82	4.0
	1315	82.4	0.16	1.4	394	265	265	46	82	4.0
W1	1320	85.8	0.15	1.3	394	253	264	47	83	4.0
	1325	89.0	0.14	1.3	392	254	265	48	83	3.5
STOP	1330	92.288			post leak ✓ = 0.004@8			pre leak ✓ = 0.005@15"		
S6	1410	92.549	0.15	1.4	387	253	264	63	86	3.5
	1415	95.8	0.16	1.5	386	254	265	48	86	3.5
S5	1420	99.2	0.17	1.6	389	256	265	47	86	4.0
	1425	102.7	0.17	1.6	393	257	266	46	86	4.0
S4	1430	106.2	0.18	1.7	394	257	269	48	87	4.0
	1435	109.8	0.17	1.6	394	253	264	48	87	4.0
S3	1440	113.5	0.18	1.6	394	257	265	49	87	4.0
	1445	117.1	0.17	1.6	395	253	266	50	87	4.0
S2	1450	120.7	0.17	1.6	394	256	265	52	87	4.0
	1455	124.1	0.16	1.5	394	250	264	55	87	4.0
S1	1500	127.6	0.14	1.3	392	252	265	56	87	4.0
	1505	130.6	0.15	1.4	391	248	265	58	88	4.0
STOP	1510	133.586								

Notes \_\_\_\_\_

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/10/13  
 Source Unit 2 Stack

# Multi-Metals

## No Determination of PM EPA Method 29

Condition No. 1  
 Run No. 3B  
 Balance ID TE 4101A  
 Recovered by DAM

### Moisture Determination

Impinger No.	Contents	Volume (ml)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	<sup>1</sup>	-	<u>Lg 400 Mod</u>	<u>2270.7</u>	<u>990.2</u>
2	Nitric/Peroxide	100	Mod	<u>847.5</u>	<u>751.8</u>
3	Nitric/Peroxide	100	S/G	<u>740.7</u>	<u>725.0</u>
4	-	-	Mod	<u>640.0</u>	<u>638.4</u>
5	KMnO <sub>4</sub> Soln	100	Mod	<u>765.6</u>	<u>764.2</u>
6	KMnO <sub>4</sub> Soln	100	Mod	<u>758.6</u>	<u>755.7</u>
7	Silica Gel	~ 300g	Mod	<u>911.7</u>	<u>897.7</u>

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

### Sample Log

Sample ID Number	Sample Containers	Description
V52-STK-1 <u>3B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
V52-STK-1 <u>3B</u> -M29-Filt	Petri Dish	Filter
V52-STK-1 <u>3B</u> -M29-NI	1000 ml	Nitric Impinger
V52-STK-1 <u>3B</u> -M29-EIR	250 ml	Empty Impinger Rinse
V52-STK-1 <u>3B</u> -M29-Perm	1000 ml	Permanganate Impinger
V52-STK-1 <u>3B</u> -M29-HCIRns	250 ml	HCl Rinse of Permanganate Impinger

### Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. <30 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HCIRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HCIRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments

Sample Type - PCDD/PCDF (Method 0023A)		Date	10-10-13	X		Page	1	of	2
Project Name: Veolia - Sauget, IL		Condition:	1			Train Leak Rate (cfm @ "Hg)			
Project Number: 40942525.30-02		Run:	3_B	Nozzle ID		Initial	0.000 @ 16.5		
Facility: Fixed Hearth - Unit 2		Console ID	A161401	Nozzle Dia (in)		Final	0.005 @ 14.5		
Source: Stack		DGMCF	0.999	Barometer ID		BP-2			
Operator		ΔH@	1.649	Bar. Press. ("Hg)		PTCF 0.84			
Duct Dimension(s)		Kf	8.38	Stat. Press. ("H <sub>2</sub> O)		+0.02			
Nozzle Calibration		Elevation (ft) (relative to Barometer)		Initial		(+)	✓	(-)	✓
Caliper ID		700903 ● 0.437 ● 0.435 ● 0.437		Final		(+)	✓	(-)	✓
						34			

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)	
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit		
S-1	1230	658.498	0.18	1.50	397	245	250	41	58	86	264	10.0	
1	1235	662.06	0.18	1.50	398	247	250	39	46	85	264	11.0	
1	1240	665.60	0.19	1.60	399	248	251	40	46	86	265	11.5	
2	1245	669.27	0.17	1.40	398	251	251	40	46	85	265	11.5	
2	1250	672.79	0.22	1.85	399	250	252	41	47	86	265	13.5	
2	1255	676.78	0.19	1.60	399	251	253	42	48	86	265	13.5	
3	1300	680.44	0.17	1.40	399	250	253	44	50	86	265	12.5	
3	1305	684.01	0.16	1.35	398	249	253	44	51	86	265	10.5	
3	1310	687.58	0.17	1.40	397	248	253	46	52	87	265	10.5	
4	1315	691.13	0.17	1.40	396	247	253	47	52	87	265	10.5	
4	1320	694.38	0.16	1.35	396	250	253	49	53	87	265	10.5	
4	1325	697.93	0.15	1.25	396	250	253	43	53	87	265	10.0	
5	1330	701.23	0.15	1.25	396	251	254	42	52	89	265	10.0	
5	1335	704.17	0.17	1.40	395	250	254	42	52	89	265	10.0	
5	1340	707.78	0.18	1.50	395	250	253	43	53	89	265	11.0	
6	1345	711.72	0.17	1.40	393	251	253	44	53	89	265	11.0	
6	1350	714.77	0.16	1.35	393	252	253	44	53	90	265	10.5	
6	1355	718.29	0.18	1.50	393	252	253	41	51	90	265	11.5	
↓	Post leak check 0.000 @ 20 "Hg Pre Leak check 0.000 @ 18 "Hg												
↓	1400	721.778	← Port change										
W-1	1410	722.112	0.15	1.25	393	248	254	44	59	90	265	9.5	
1	1415	725.23	0.15	1.25	393	249	253	43	50	90	264	9.5	
1	1420	728.45	0.16	1.35	395	249	253	42	49	90	265	10.0	
2	1425	731.70	0.17	1.40	394	247	253	43	50	90	265	10.5	
2	1430	734.95	0.18	1.50	396	247	253	44	51	90	265	12.0	
2	1435	738.45	0.18	1.50	396	248	253	44	51	89	265	12.0	
3	1440	742.05	0.19	1.60	397	247	252	46	53	90	265	12.0	
3	1445	745.56	0.18	1.50	397	251	254	45	54	89	265	12.0	
34	1450	749.14	0.16	1.35	396	248	253	43	56	88	265	11.5	
4	1455	752.61	0.17	1.40	395	250	253	42	57	88	265	12.0	

Notes:



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/10/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. 3B  
 Balance ID TE401A  
 Recovered by KMM

# Dioxins and Furans SW-846 - Method 0023A

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	300.5	935.9
2	H <sub>2</sub> O	~100	G/S	726.0	728.5
3	H <sub>2</sub> O	~100	Mod	727.1	722.4
4	Silica Gel	~300g	Mod	979.2	945.9
5					
6					

## Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>3B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1 -M0023A-Filt	Petri Dish	Filter
VS2-STK-1 -M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1 <u>4</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

## Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filtr sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 45 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments



Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date: 10-11-13	Filter No. N/A	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.30-02	Run: 4B	Nozzle ID -	Initial 0.006 @ 15
Facility: Fixed Hearth - Unit 2	Console ID A161395	Nozzle Dia (in) 0.425	Final 0.004 @ 10
Source: Stack	DGMCF 1.011	Barometer ID BP-2	Pitot Tube ID P-529
Operator Knu	ΔH@ 1.824	Bar. Press. ("Hg) 29.74	PTCF 0.84
Duct Dimension(s) 38.5"	Kf 8.10	Stat. Press. ("H <sub>2</sub> O) 0.04	Pitot Tube Leak Check
Nozzle Calibration		Meter Elevation (ft) (relative to Barometer) 34	Initial (+) 0 @ > 3 (-) 0 @ > 3
Caliper ID 760903	0.425 0.425 0.426		Final (+) 0 @ > 3 (-) 0 @ > 3

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
NW-C	945	112.954	0.15	1.25	389	251	262	59	69	3.0
	950	115.94	0.14	1.15	390	263	264	46	69	3.0
	955	118.73	0.14	1.15	396	264	266	47	70	3.0
	1000	121.54	0.13	1.05	389	267	264	47	71	3.0
	1005	124.35	0.15	1.25	390	266	264	50	72	3.5
	1010	127.85	0.17	1.40	391	266	265	53	74	4.0
	1015	130.65	0.16	1.30	392	268	263	51	76	4.0
	1020	133.70	0.16	1.30	392	268	263	49	77	4.0
	1025	136.72	0.16	1.30	392	267	267	48	78	4.0
	1030	139.80	0.17	1.40	393	264	265	48	79	4.0
	1035	142.75	0.16	1.30	393	266	266	48	80	5.0
	1040	145.90	0.18	1.45	394	264	264	49	81	6.0
	1045	149.160								

Notes: \_\_\_\_\_

Project Name Veolia - Saugeit, IL  
 Project Number 40942525.30-02  
 Date 10/11/13  
 Source Unit 2 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 4B  
 Balance ID TE 4101A  
 Recovered by DAM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	985.4	640.5
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	947.1	751.1
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	802.5	742.7
4	0.1 N NaOH	100	Mod	765.7	747.4
5	0.1 N NaOH	100	Mod	765.1	760.6
6	Silica Gel	~ 300g	Mod	966.9	959.2

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. <50% spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V52-STK-1 <u>4B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V52-STK-1 <u>4B</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


Sample Type - Multi Metals (Method 29)		Date 10-11-13	X		Page 1 of 1	
Project Name: Veolia - Sauget, IL		Condition: 1			Sampling Train Leak Rate (cfm@Hg)	
Project Number: 40942525.30-02		Run: 4 B	Nozzle ID -		Initial 0.004 @ 15	
Facility: Fixed Hearth - Unit 2		Console ID A161399	Nozzle Dia (in) 0.436		Final 0.008 @ 10	
Source: Stack		DGMCF 1.002	Barometer ID BP-2		Pitot Tube ID 5-19	
Operator EDF		ΔH@ 1.790	Bar. Press. (Hg) 29.74		PTCF 0.84	
Duct Dimension(s) 38.5"		Kf 8.93	Stat. Press. (H <sub>2</sub> O) 0.04		Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) 34		Initial (+) 0.0023	(-) 0.0023	
Caliper ID 700903		0.436 / 0.435 / 0.436		Final (-) 0.0023	(-) 0.0023	

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP (H <sub>2</sub> O)	ΔH (H <sub>2</sub> O)	Temperature (°F)					Vacuum (Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
W6	0945	133.837	0.14	1.2	383	262	267	55	68	3.0
	0950	136.9	0.14	1.2	383	266	269	46	68	3.0
W5	0955	139.9	0.15	1.2	385	268	268	44	69	3.0
	1000	143.0	0.14	1.2	387	266	268	45	69	3.0
W4	1005	146.1	0.17	1.5	389	266	268	46	69	4.0
	1010	149.4	0.18	1.6	390	258	269	48	70	4.0
W3	1015	153.0	0.17	1.5	391	255	269	51	71	4.0
	1020	156.6	0.17	1.5	392	256	270	48	72	4.0
W2	1025	160.1	0.17	1.5	392	255	269	46	72	4.0
	1030	163.5	0.19	1.7	392	254	269	48	74	4.5
W1	1035	167.0	0.17	1.5	392	257	259	47	74	4.0
	1040	170.5	0.17	1.5	392	252	268	47	75	4.0
STOP	1045	173.873			post leak K <sub>v</sub> = 0.002 @ 9"			pre leak K <sub>v</sub> = 0.004 @ 10.0		
S6	1125	177.976	0.14	1.2	374	249	265	60	77	3.5
	1130	177.1	0.14	1.2	373	254	267	49	77	3.5
S5	1135	180.3	0.17	1.5	387	253	266	47	78	4.0
	1140	183.8	0.16	1.5	389	258	267	49	78	4.0
S4	1145	187.4	0.17	1.5	389	255	266	52	78	4.0
	1150	190.9	0.16	1.5	390	254	267	51	78	4.0
S3	1155	194.2	0.16	1.5	390	255	266	49	79	4.0
	1200	197.6	0.15	1.4	390	250	266	49	79	4.0
S2	1205	201.0	0.15	1.4	389	246	266	49	79	4.0
	1210	203.9	0.14	1.2	389	248	267	50	80	3.5
S1	1215	207.0	0.14	1.2	388	250	266	52	80	3.5
	1220	210.0	0.13	1.2	386	254	267	55	80	3.5
STOP	1225	213.194								

Notes \_\_\_\_\_

Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/11/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. 4B  
 Balance ID TE4101A  
 Recovered by JPM

# Multi-Metals No Determination of PM EPA Method 29

## Moisture Determination

Impinger No.	Contents	Volume (ml)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	<sup>1</sup>	-	K/O	2246.7	990.3
2	Nitric/Peroxide	100	Mod	841.4	752.0
3	Nitric/Peroxide	100	S/G	742.4	724.2
4	-	-	Mod	640.1	638.0
5	KMnO <sub>4</sub> Soln	100	Mod	758.9	756.2
6	KMnO <sub>4</sub> Soln	100	Mod	761.8	761.2
7	Silica Gel	~ 300g	Mod	976.3	962.9

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
V52-STK-14B -M29-PNR	250 ml	Probe and Nozzle Rinse
V52-STK-14B -M29-Filt	Petri Dish	Filter
V52-STK-14B -M29-NI	1000 ml	Nitric Impinger
V52-STK-14B -M29-EIR	250 ml	Empty Impinger Rinse
V52-STK-14B -M29-Perm	1000 ml	Permanganate Impinger
V52-STK-14B -M29-HCIRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. <50% spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HCIRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HCIRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments

Sample Type - PCDD/PCDF (Method 0023A)		Date 10-11-13	X		Page 1 of 2	
Project Name: Veolia - Sauget, IL		Condition: 1			Train Leak Rate (cfm @ "Hg)	
Project Number: 40942525.30-02		Run: 4 B	Nozzle ID		Initial 0.000 @ 16	
Facility: Fixed Hearth - Unit 2		Console ID A161401	Nozzle Dia (in) 0.436		Final 0.001 @ 13	
Source: Stack		DGMCF 0.999	Barometer ID BP-2		Pitot Tube ID 5-03	
Operator JE		ΔH@ 1.649	Bar. Press. ("Hg) 29.74		PTCF 0.84	
Duct Dimension(s) 38.5		Kf -	Stat. Press. ("H <sub>2</sub> O) 0.04		Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) 34		Initial (+) ✓ (-) ✓		
Caliper ID 700903		0.437 0.435 0.437		Final (+) ✓ (-) ✓		

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
S-1	0945	783.443	0.15	1.25	386	247	250	39	49	67	241	8.5
1	0950	786.74	0.14	1.15	389	245	249	41	46	67	245	8.0
1	0955	789.83	0.15	1.25	389	247	250	41	45	68	249	9.0
2	1000	793.01	0.15	1.25	387	246	250	42	47	69	249	9.0
2	1005	796.24	0.17	1.40	391	246	250	43	48	69	248	10.0
2	1010	799.65	0.18	1.45	392	245	250	45	50	70	243	10.5
3	1015	803.11	0.19	1.55	393	244	250	45	51	71	243	10.5
3	1020	806.62	0.19	1.45	394	246	251	44	52	72	248	10.5
3	1025	810.19	0.18	1.45	394	249	251	45	53	73	248	11.0
4	1030	813.67	0.19	1.55	394	245	251	46	54	73	248	11.5
4	1035	817.30	0.17	1.40	394	253	252	47	57	74	248	12.0
4	1040	820.73	0.18	1.45	393	251	253	42	52	75	248	11.5
5	1045	824.26	0.18	1.45	393	252	252	41	49	76	248	11.0
5	1050	827.82	0.19	1.55	393	252	252	42	51	77	248	11.5
5	1055	831.35	0.18	1.45	393	254	253	42	52	78	248	11.0
6	1100	834.95	0.14	1.15	391	255	254	39	51	79	248	10.5
6	1105	838.27	0.15	1.25	389	254	254	40	49	80	248	10.0
6	1110	841.53	0.16	1.30	389	252	254	41	50	81	248	10.0
Port	1115	844.879										
change	Post leak check: 0.000 @ 15" Hg; Pre leak check: 0.000 @ 15" Hg											
W-1	1125	845.105	0.14	1.15	385	247	252	43	58	81	248	9.5
1	1130	848.35	0.14	1.15	386	246	253	43	49	81	248	9.5
1	1135	851.49	0.14	1.15	387	246	252	44	50	81	248	9.5
2	1140	854.73	0.15	1.25	390	248	253	44	51	81	248	9.5
2	1145	857.92	0.15	1.25	391	246	252	45	52	81	248	10.0
2	1150	861.20	0.15	1.25	391	248	255	42	51	80	248	10.0
3	1155	864.42	0.16	1.30	391	246	253	43	50	81	248	10.0
3	1200	867.73	0.16	1.30	392	245	253	44	51	80	248	10.5
3	1205	871.09	0.16	1.30	391	244	252	44	52	81	248	10.5
4	1210	874.45	0.16	1.30	391	244	252	45	54	81	248	10.5

Notes: Final leak check on high side did not pass @ 73" leak check did pass @ 1.3"

SDS-17: PCDD/PCDF by SW-846 Method 0023A  
Per EM SOP-023  
Revision date: April 2012

Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/11/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. 4B  
 Balance ID TE4101A  
 Recovered by BFM

# Dioxins and Furans

## SW-846 - Method 0023A

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	2999.9	940.0
2	H <sub>2</sub> O	~100	G/S	723.4	725.9
3	H <sub>2</sub> O	~100	Mod	721.1	722.0
4	Silica Gel	~300g	Mod	1045.5	1014.7
5					
6					

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. <70% spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

### Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>4B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1 <u>4B</u> -M0023A-Filt	Petri Dish	Filter
VS2-STK-1 <u>4B</u> -M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1 <u>4B</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments



Sample Type - PCDD/PCDF (Method 0023A)		Date	10-11-13		<b>X</b>	Page	2 of 2		
Project Name: Veolia - Sauget, IL		Condition:	1			Train Leak Rate (cfm @ "Hg)			
Project Number: 40942525.30-02		Run:	4 B		Nozzle ID	-			
Facility: Fixed Hearth - Unit 2		Console ID	A10401		Nozzle Dia (in)	0.436			
Source: Stack		DGMCF	0.999		Barometer ID	AP-2			
Operator		ΔH@	1.149		Bar. Press. ("Hg)	29.74			
Duct Dimension(s)		Kf	-		Stat. Press. ("H <sub>2</sub> O)	+0.04			
Nozzle Calibration		Elevation (ft) (relative to Barometer)			34				
Caliper ID 700903					Initial	(+)		(-)	
					Final	(+) See pg 1		(-)	
					Pitot Tube ID 5-03				
					PTCF 0.84				
					Pitot Tube Leak Check				

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
4	1215	877.72	0.15	1.25	391	247	254	45	54	82	248	10.5
4	1220	881.03	0.15	1.25	391	247	254	47	55	81	248	10.5
5	1225	884.37	0.16	1.30	391	247	254	43	57	82	248	10.5
5	1230	887.71	0.17	1.40	391	247	254	44	59	83	248	10.5
5	1235	891.22	0.18	1.45	391	246	254	44	61	82	248	11.5
6	1240	894.74	0.16	1.30	390	246	254	44	59	83	248	11.0
6	1245	898.22	0.17	1.40	389	247	253	44	58	83	248	11.0
6	1250	901.55	0.16	1.30	388	247	251	45	58	83	248	10.5
End	1255	904.938										

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date: 10/30/13	Filter No. —	Page 1 of
Project Name: Veolia - Sauget, IL	Condition: 1	—	Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.30-02	Run: 5 B	Nozzle ID —	Initial 0.004 @ 15.0"
Facility: Fixed Hearth - Unit 2	Console ID A161595	Nozzle Dia (in) 0.426	Final 0.000 @ 10"
Source: Stack	DGMCF 1.011	Barometer ID BP-2	Pitot Tube ID P-629 P529
Operator KMM	ΔH@ 1.824	Bar. Press. ("Hg) 29.70	PTCF 0.840 <sup>cm</sup> 11/19
Duct Dimension(s) 38' 1/2"	Kf 8.20	Stat. Press. ("H <sub>2</sub> O) -0.03	Pitot Tube Leak Check
Nozzle Calibration	Meter Elevation (ft) (relative to Barometer) 34	Initial (+) 0.673 (-) 0.673	Final (+) 0.673 (-) 0.673
Caliper ID 700903	0.426 0.425 0.426		

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
NW-C	1245	699.167	0.15	1.25	391	266	256	67	74	3.0
	1250	702.13	0.18	1.50	391	269	257	58	74	3.0
	1255	705.55	0.22	1.80	392	271	258	57	74	3.0
	1300	709.67	0.25	2.05	391	270	258	52	76	3.0
	1305	712.25	0.15	1.25	392	268	257	55	76	3.0
	1310	715.80	0.16	1.30	392	266	256	54	74	3.0
	1315	718.52	0.16	1.30	393	267	257	52	75	3.0
	1320	721.30	0.16	1.30	393	263	256	52	75	3.0
	1325	724.30	0.15	1.25	393	266	257	52	76	3.0
	1330	727.30	0.15	1.25	392	267	257	52	75	3.0
	1335	730.28	0.15	1.25	392	267	257	51	76	3.5
	1340	733.35	0.15	1.25	392	265	257	51	76	4.0
	1345	736.328								

Notes:

Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/30/13  
 Source Unit 2 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 5B  
 Balance ID TE4101A  
 Recovered by DPM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	908.6	630.3
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	988.1	755.4
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	824.2	757.5
4	0.1 N NaOH	100	Mod	737.9	720.7
5	0.1 N NaOH	100	Mod	745.6	741.9
6	Silica Gel	~ 300g	Mod	913.5	903.0

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. <10 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>5B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS2-STK-1 <u>5B</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

Sample Type - Multi Metals (Method 29)		Date 10/30/13	X		Page 1 of 1
Project Name: Veolia - Sauget, IL		Condition: 1			Sampling Train Leak Rate (cfm@"Hg)
Project Number: 40942525.30-02		Run: 5B	Nozzle ID -		Initial 0.006 @ 15"
Facility: Fixed Hearth - Unit 2		Console ID A461399	Nozzle Dia (in) 0.438		Final 0.006 @ 10"
Source: Stack		DGMCF 1.002	Barometer ID B0-2		Pitot Tube ID 5-19
Operator NMP		ΔH@ 1.790	Bar. Press. ("Hg) 29.70		PTCF 0.84
Duct Dimension(s) 38.5'		Kf 9.17	Stat. Press. ("H <sub>2</sub> O) -0.03		Pitot Tube Leak Check
Nozzle Calibration		Elevation (ft) (relative to Barometer) 34		Initial (+) 0.006 @ 15"	(-) 0.006 @ 15"
Caliper ID 700903		0.438 0.438 0.437		Final (-) 0.006 @ 15"	(-) 0.006 @ 15"

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
W6	12:45	731.350	0.18	1.60	386	248	253	61	75	5
W6	12:50	734.76	0.17	1.55	386	251	255	49	75	5
W5	12:55	738.23	0.15	1.40	389	250	255	47	75	5
W5	13:00	741.60	0.17	1.55	389	250	256	48	75	5
W4	13:05	744.97	0.18	1.65	390	250	256	49	75	5
W4	13:10	748.46	0.19	1.70	391	247	257	48	76	5
W3	13:15	752.10	0.19	1.70	391	247	255	47	77	5
W3	13:20	755.81	0.18	1.65	391	249	256	47	77	5
W2	13:25	759.00	0.17	1.55	390	248	257	46	78	5
W2	13:30	763.10	0.17	1.55	390	248	255	47	78	5
W1	13:35	766.50	0.14	1.30	384	247	257	45	78	4
W1	13:40	770.19	0.13	1.20	391	245	256	45	79	4
CHANGE	13:45	773.202								
		Before: 0.006 @ 10"			Afm: 0.004 @ 10"					
S6	14:32	773.576	0.17	1.55	381	248	253	55	80	5
S6	14:37	776.95	0.17	1.55	387	250	256	45	81	5
S5	14:42	780.42	0.16	1.45	389	252	255	45	81	5
S5	14:47	783.73	0.15	1.40	389	250	255	46	81	5
S4	14:52	787.05	0.17	1.55	389	252	256	46	81	5
S4	14:57	790.44	0.16	1.45	389	255	251	46	81	5
S3	14:52	793.70	0.16	1.45	389	251	256	47	81	5
S3	15:07	797.15	0.17	1.55	390	243	257	47	82	5
S2	15:12	800.58	0.15	1.40	386	243	254	47	82	5
S2	15:17	803.92	0.15	1.40	385	244	264	49	82	5
S1	15:22	807.25	0.12	1.10	367	241	255	50	82	4
S1	15:27	810.26	0.12	1.10	368	241	252	52	82	4
STOP	15:32	813.22								

Notes

Project Name Veolia - Saugeit, IL  
 Project Number 40942525.30-02  
 Date 10/30/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. 5B  
 Balance ID TE4101A  
 Recovered by DPM

# Multi-Metals

## No Determination of PM

### EPA Method 29

### Moisture Determination

Impinger No.	Contents	Volume (ml)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	<sup>1</sup>	-	K/O	2155.5	1031.4
2	Nitric/Peroxide	100	Mod	928.2	777.6
3	Nitric/Peroxide	100	S/G	783.8	763.0
4	-	-	Mod	648.8	646.5
5	KMnO <sub>4</sub> Soln	100	Mod	768.0	767.4
6	KMnO <sub>4</sub> Soln	100	Mod	756.0	754.5
7	Silica Gel	~ 300g	Mod	933.1	918.9

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

### Sample Log

Sample ID Number	Sample Containers	Description
V52-STK-1 <u>5B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
V52-STK-1 <u>5B</u> -M29-Filt	Petri Dish	Filter
V52-STK-1 <u>5B</u> -M29-NI / <u>NI B</u>	2x 1000 ml	Nitric Impinger
V52-STK-1 <u>5B</u> -M29-EIR	250 ml	Empty Impinger Rinse
V52-STK-1 <u>5B</u> -M29-Perm	1000 ml	Permanganate Impinger
V52-STK-1 <u>5B</u> -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

### Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note -- use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. ≤ 10 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments

Sample Type - PCDD/PCDF (Method 0023A)	Date 10-30-2013	X		Page 11 of 2
Project Name: Veolia - Sauget, IL	Condition: 1			Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.30-02	Run: 5B	Nozzle ID -	Initial 0.008 @ 16"	
Facility: Fixed Hearth - Unit 2	Console ID A161401	Nozzle Dia (in) 0.437	Final 0.007 @ 17"	
Source: Stack	DGMCF 0.999	Barometer ID BP-2	Pitot Tube ID 5-03	
Operator MIB	AH@ 1.649	Bar. Press. ("Hg) 29.70	PTCF 0.84	
Duct Dimension(s) 38" x 2	Kf 8.27	Stat. Press. ("H <sub>2</sub> O) -0.03	Pitot Tube Leak Check	
Nozzle Calibration	Elevation (ft) (relative to Barometer) 34		Initial (+) 0.0073 (-) 0.0073	
Caliper ID 700903	0.438 0.437 0.437		Final (+) 0.0073 (-) 0.0073	

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
S-1	12:45	679.640	0.2	1.7	390	259	260	49	58	73	250	8.5
	12:50	683.17	0.2	1.7	391	256	257	50	51	74	249	9.5
	12:55	686.75	0.2	1.7	385	258	258	50	50	75	250	9.5
S-2	13:00	690.80	0.2	1.7	389	257	256	48	52	75	250	10.0
	13:05	694.00	0.2	1.7	391	260	257	49	53	75	250	10.0
	14:00 <sup>(3:10)</sup>	697.52	0.2	1.7	392	256	259	50	53	75	250	10.0
S-3	13:15	701.19	0.21	1.7	393	259	257	51	53	76	250	11.0
	13:20	704.90	0.21	1.8	392	259	256	53	54	76	250	11.5
	13:25	708.90	0.21	1.8	392	261	257	52	53	74	250	11.5
S-4	13:30	713.00	0.20	1.7	391	259	256	52	53	76	250	11.5
	13:35	717.00	0.20	1.7	391	263	257	52	55	75	250	11.5
	13:40	720.65	0.19	1.7	391	265	259	52	57	75	250	11.5
S-5	13:45	724.70	0.18	1.5	389	263	258	49	57	75	250	10.0
	13:50	728.30	0.19	1.7	389	263	257	45	57	75	250	10.5
	13:55	732.00	0.20	1.7	389	265	258	50	55	75	250	10.5
S-6	14:00	736.00	0.19	1.7	388	264	259	51	53	76	250	11.0
	14:05	739.50	0.19	1.7	387	261	257	51	52	75	250	11.0
	14:10	743.40	0.20	1.7	386	261	257	52	52	75	250	11.0
stop	14:15	747.219	0.008 @ 17"		0.004 @ 15"							
W-1	14:32	747.587	0.13	1.1	386	258	256	50	56	74	250	9.0
W-1	14:37	751.10	0.13	1.1	386	258	256	50	51	74	249	8.5
	14:42	753.9	0.13	1.1	388	258	257	51	54	74	250	8.5
	14:47	756.93	0.17	1.4	389	258	258	51	57	74	250	9.5
W-2	14:52	761.00	0.17	1.4	391	263	262	50	57	74	250	9.5
	14:57	763.70	0.17	1.4	390	260	260	50	57	74	250	9.5
	15:02	767.50	0.19	1.7	391	259	260	45	56	75	250	11.5
W-3	15:07	770.70	0.19	1.6	391	258	258	47	56	75	250	11.5
	15:12	773.85	0.19	1.5	390	257	258	42	57	75	250	10.0
	15:17	777.80	0.18	1.6	390	257	259	43	55	74	250	10.0
W-4	15:22	781.70	0.18	1.6	389	257	256	44	56	73	250	10.0

Notes: Unit 2

Project Name Veolia - Saugeit, IL  
 Project Number 40942525.30-02  
 Date 10/30/13  
 Source Unit 2 Stack

# Dioxins and Furans SW-846 - Method 0023A

Condition No. 1  
 Run No. 5B  
 Balance ID TE4101A  
 Recovered by KMM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1			K/O	2882.2	937.8
2	H <sub>2</sub> O	~100	G/S	763.5	758.6
3	H <sub>2</sub> O	~100	Mod	689.1	688.5
4	Silica Gel	~300g	Mod	1009.6	970.6
5					
6					

## Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>5B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1 -M0023A-Filt	Petri Dish	Filter
VS2-STK-1 -M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1 <u>5B</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

## Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 30 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments

Sample Type – PCDD/PCDF (Method 0023A)		Date <u>10/30/13</u>		Page <u>2</u> of <u>2</u>
Project Name: <u>Veolia - Sauget, IL</u>		Condition: <u>1</u>		Train Leak Rate (cfm @ "Hg)
Project Number: <u>40942525.30-02</u>		Run: <u>5</u> B	Nozzle ID <u>—</u>	Initial <u>@</u>
Facility: <u>Fixed Hearth - Unit 2</u>		Console ID <u>A161401</u>	Nozzle Dia (in) <u>0.437</u>	Final <u>@</u>
Source: <u>Stack</u>		DGMCF <u>0.999</u>	Barometer ID <u>BP-2</u>	Pitot Tube ID
Operator <u>MJB</u>		$\Delta H@$ <u>1.649</u>	Bar. Press. ("Hg) <u>29.70</u>	PTCF <u>0.84</u>
Duct Dimension(s) <u>38 1/2</u>		Kf <u>8.27</u>	Stat. Press. ("H <sub>2</sub> O) <u>-0.03</u>	Pitot Tube Leak Check
Nozzle Calibration			Elevation (ft) (relative to Barometer)	Initial (+) <u>5</u>
Caliper ID <u>700903</u> ● <u>0.438</u> ● <u>0.437</u> ● <u>0.437</u>			<u>34</u>	Final (+) <u>5</u> (-) <u>1</u>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ ("H <sub>2</sub> O)	$\Delta H$ ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
	<u>15:27</u>	<u>784.30</u>	<u>0.18</u>	<u>1.5</u>	<u>389</u>	<u>258</u>	<u>258</u>	<u>47</u>	<u>56</u>	<u>74</u>	<u>250</u>	<u>9.0</u>
<u>W-5</u>	<u>15:32</u>	<u>787.90</u>	<u>0.18</u>	<u>1.5</u>	<u>388</u>	<u>257</u>	<u>258</u>	<u>49</u>	<u>56</u>	<u>74</u>	<u>250</u>	<u>9.0</u>
	<u>15:37</u>	<u>790.95</u>	<u>0.18</u>	<u>1.5</u>	<u>388</u>	<u>257</u>	<u>259</u>	<u>48</u>	<u>56</u>	<u>74</u>	<u>250</u>	<u>9.0</u>
	<u>15:42</u>	<u>794.40</u>	<u>0.18</u>	<u>1.5</u>	<u>388</u>	<u>257</u>	<u>256</u>	<u>46</u>	<u>53</u>	<u>74</u>	<u>250</u>	<u>9.0</u>
<u>W-6</u>	<u>15:47</u>	<u>797.50</u>	<u>0.16</u>	<u>1.3</u>	<u>386</u>	<u>259</u>	<u>257</u>	<u>47</u>	<u>53</u>	<u>74</u>	<u>250</u>	<u>8.5</u>
	<u>15:52</u>	<u>800.52</u>	<u>0.16</u>	<u>1.3</u>	<u>385</u>	<u>257</u>	<u>256</u>	<u>48</u>	<u>54</u>	<u>74</u>	<u>250</u>	<u>8.5</u>
	<u>15:57</u>	<u>803.85</u>	<u>0.16</u>	<u>1.3</u>	<u>386</u>	<u>257</u>	<u>256</u>	<u>49</u>	<u>57</u>	<u>74</u>	<u>250</u>	<u>8.5</u>
<u>stop</u>	<u>16:02</u>	<u>807.200</u>										

Notes: Unit 2.



Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date \_\_\_\_\_  
 Source \_\_\_\_\_ Unit 2 Stack

# Dioxins and Furans SW-846 - Method 0023A

Condition No. 1  
 Run No. \_\_\_\_\_  
 Balance ID \_\_\_\_\_  
 Recovered by \_\_\_\_\_

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O		
2	H <sub>2</sub> O	~100	G/S		
3	H <sub>2</sub> O	~100	Mod		
4	Silica Gel	~ 300g	Mod		
5					
6					

## Sample Recovery Checklist

- \_\_\_\_\_ Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- \_\_\_\_\_ Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- \_\_\_\_\_ Seal XAD trap ends. Complete XAD sample label.
- \_\_\_\_\_ Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- \_\_\_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- \_\_\_\_\_ Note condition of the silica gel impinger. \_\_\_\_\_% spent
- \_\_\_\_\_ Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- \_\_\_\_\_ Log samples into log book and place in refrigerator or ice chest.

## Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1____-M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1____-M0023A-Filt	Petri Dish	Filter
VS2-STK-1____-M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1____-M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments



Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/7/13  
 Source Unit 2 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. FB  
 Balance ID TE4101A  
 Recovered by DPM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1	Water	100	Mod	<del>748.2</del> 749.2 DPM	748.9
2	Water	100	G/S	10/7/13 751.3	751.2
3	Empty	--	Mod	646.9	646.9
4	Silica Gel	~ 300g	Mod	918.4	918.4
5					
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger.      % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
V52-STK-1 <u>FB</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
V52-STK-1 <u>FB</u> -M5-Filt	Petri Dish	Filter

Comments

RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013



Project Name Veolia - Sauguet, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. FB  
 Balance ID TEH01A  
 Recovered by JAM

# Multi-Metals No Determination of PM EPA Method 29

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	1	-	Mod <del>405pm</del> 1017	625.8	625.8
2	Nitric/Peroxide	100	Mod	752.7	752.8
3	Nitric/Peroxide	100	S/G	724.5	724.5
4	-	-	Mod	639.2	638.2
5	KMnO <sub>4</sub> Soln	100	Mod	754.7	754.8
6	KMnO <sub>4</sub> Soln	100	Mod	763.2	763.2
7	Silica Gel	~ 300g	Mod	929.9	929.8

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
V52-STK-1 <u>FB</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
V52-STK-1 <u>FB</u> -M29-Filt	Petri Dish	Filter
V52-STK-1 <u>FB</u> -M29-NI	1000 ml	Nitric Impinger
V52-STK-1 <u>FB</u> -M29-EIR	250 ml	Empty Impinger Rinse
V52-STK-1 <u>FB</u> -M29-Perm	1000 ml	Permanganate Impinger
V52-STK-1 <u>FB</u> -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel.      % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. FB  
 Balance ID TE 4101A  
 Recovered by DPM

**Moisture Determination**

Imp No.	Contents	Vol (ml)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	<del>0.1 N H<sub>2</sub>SO<sub>4</sub></del>	<del>50</del>	<del>KO</del>	<u>641.6</u>	<u>641.2</u>
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	749.5	749.5
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	742.2	742.3
4	0.1 N NaOH	100	Mod	747.4	747.5
5	0.1 N NaOH	100	Mod	761.2	761.2
6	Silica Gel	~ 300g	Mod	934.1	934.1

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger.  % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V52-STK-1 <u>FB</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V52-STK-1 <u>FB</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

**Notes:**






Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/8/13  
 Source Unit 2 Stack

Condition No. 1  
 Run No. FB  
 Balance ID TE 4101A  
 Recovered by DPM

## Dioxins and Furans SW-846 - Method 0023A

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	938.3	938.3
2	H <sub>2</sub> O	~100	G/S	728.8	728.9
3	H <sub>2</sub> O	~100	Mod	726.6	726.6
4	Silica Gel	~300g	Mod	950.4	950.3
5					
6					

### Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>FB</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1 <u>FB</u> -M0023A-Filt	Petri Dish	Filter
VS2-STK-1 <u>FB</u> -M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1 <u>FB</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

### Sample Recovery Checklist

- \_\_\_ Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- \_\_\_ Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- \_\_\_ Seal XAD trap ends. Complete XAD sample label.
- \_\_\_ Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- \_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- \_\_\_ Note condition of the silica gel impinger.      % spent
- \_\_\_ Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- \_\_\_ Log samples into log book and place in refrigerator or ice chest.

Comments



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/29/13  
 Source Unit 2 Stack

**Multi-Metals  
 No Determination of PM  
 EPA Method 29**

Condition No. 1  
 Run No. FB2  
 Balance ID TE4101A  
 Recovered by DFM

**Moisture Determination**

Impinger No.	Contents	Volume (ml)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	<sup>1</sup>	-	K/O	1033.0	1031.8
2	Nitric/Peroxide	100	Mod	779.5	779.5
3	Nitric/Peroxide	100	S/G	763.3	763.3
4	-	-	Mod	646.3	646.3
5	KMnO <sub>4</sub> Soln	100	Mod	754.8	754.7
6	KMnO <sub>4</sub> Soln	100	Mod	766.6	766.6
7	Silica Gel	~ 300g	Mod	918.9	918.2

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

**Sample Log**

Sample ID Number	Sample Containers	Description
VS2-STK-1 <u>FB2</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS2-STK-1 <u>FB2</u> -M29-Filt	Petri Dish	Filter
VS2-STK-1 <u>FB2</u> -M29-NI	1000 ml	Nitric Impinger
VS2-STK-1 <u>FB2</u> -M29-EIR	250 ml	Empty Impinger Rinse
VS2-STK-1 <u>FB2</u> -M29-Perm	1000 ml	Permanganate Impinger
VS <sup>T</sup> 2-STK-1 <u>FB2</u> -M29-HCIRns	250 ml	HCl Rinse of Permanganate Impinger

**Sample Recovery Checklist**

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - Use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 0 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HCIRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HCIRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.30-02  
 Date 10/29/13  
 Source Unit 2 Stack

## Dioxins and Furans SW-846 - Method 0023A

Condition No. 1  
 Run No. FB2  
 Balance ID TE4101A  
 Recovered by DFM/KMM

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	937.8	937.9
2	H <sub>2</sub> O	~100	G/S	758.6	758.1
3	H <sub>2</sub> O	~100	Mod	688.5	688.5
4	Silica Gel	~300g	Mod	970.6	970.0
5					
6					

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. \_\_\_\_% spent
- Rinse the back half of the filter holder, Teflon transfer line (if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

### Sample Log

Sample ID Number	Sample Container	Description
VS2-STK-1 <u>FB2</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS2-STK-1 <u>FB2</u> -M0023A-Filt	Petri Dish	Filter
VS2-STK-1 <u>FB2</u> -M0023A-CR	500 mL	Condenser Rinse
VS2-STK-1 <u>FB2</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments



Project Name Veolia - Sauget, IL  
 Project Number 40942525.30-02  
 Date 10/29/13  
 Source Unit 2 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. FBZ  
 Balance ID 7B4101A  
 Recovered by DPM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	630.2	629.5
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	754.6	751.7
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	756.9	757.0
4	0.1 N NaOH	100	Mod	717.9	718.1
5	0.1 N NaOH	100	Mod	741.3	741.4
6	Silica Gel	~ 300g	Mod	1012.3	1012.3

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 0% spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V52-STK-1 <b>FBZ</b> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V52-STK-1 <b>FBZ</b> -M26A-AikImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19; HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia
Project Number	40942525
Facility	Sauget
Source	Unit 2 Stack
Parameter	CO2
Units of Measure (ppm or %)	%

Performed by	Initials	kmm
	Date	10/8/2013
Reviewed by	Initials	mdd
	Date	11/13/2013

Traverse Points (3 are required)	Concentration	Difference from Mean	Percent Difference from Mean
1	6.23	0.16	2.48
2	6.29	0.10	1.55
3	6.65	0.26	4.03
4			
5			
6			
7			
8			
9			
10			
11			
12			
<b>Mean Concentration of all Traverse Points</b>	6.39		
<b>Maximum Deviation from Mean</b>		0.26	
<b>Maximum Percent Deviation from Mean</b>			4.03
<b>Stratification Test Criteria<sup>1</sup></b>			
Do the concentrations at each traverse point differ from the mean concentration by no more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive)?	YES	<b>Use 1 point</b>	
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive) and by no more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is  $\pm 0.5\%$  CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is  $\pm 0.3\%$  CO<sub>2</sub> or O<sub>2</sub>.

Notes:

*FDS-12S: Stratification Test  
Per EM SOP-037  
Revision Date: May 2012  
Reviewed: September 2012*



**Veolia Unit 2**

Uncorrected Concentrations									
8-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 1A	1150-1300	11.32	6.38						
Run 1B	1540-1855	9.84	7.95				0.68	44.68	1.23

Corrected O <sub>2</sub> Conc.					
8-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1150-1300	11.32	-0.03	1.02	11.56
Run 1B	1540-1855	9.84	0.00	1.02	10.08

Corrected CO <sub>2</sub> Conc.					
8-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1150-1300	6.38	0.07	1.01	6.35
Run 1B	1540-1855	7.95	0.10	1.01	7.95

**Veolia Unit 2  
O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:40	-0.03	0.03	0.1%
span gas	CC189665	22.50	07:42	22.33	0.17	0.7%
mid-range	CC43355	10.10	07:44	10.01	0.09	0.4%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	-0.03	07:48	-0.02	0.0%	14:18	-0.05	-0.1%	-0.1%	C <sub>O</sub> = -0.031 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.018
	10.10	10.01	07:50	9.91	-0.4%	14:21	9.88	-0.6%	-0.1%	
Run 1B	0.00	-0.03	14:18	-0.05	-0.1%	19:03	0.04	0.3%	0.4%	C <sub>O</sub> = -0.002 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.024
	10.10	10.01	14:21	9.88	-0.6%	19:07	9.85	-0.7%	-0.1%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:40	0.04	0.04	0.2%
span gas	CC189665	19.20	07:42	19.23	0.03	0.2%
mid-range	CC43355	10.00	07:44	10.13	0.13	0.7%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	0.04	07:48	0.06	0.1%	14:18	0.09	0.2%	0.1%	C <sub>O</sub> = 0.075 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.008
	10.00	10.13	07:50	10.00	-0.7%	14:21	9.99	-0.7%	-0.1%	
Run 1B	0.00	0.04	14:18	0.09	0.2%	19:03	0.11	0.3%	0.1%	C <sub>O</sub> = 0.098 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.013
	10.00	10.13	14:21	9.99	-0.7%	19:07	9.96	-0.9%	-0.2%	

**Veolia Unit 2**  
**THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: Dio  
 Span Value: 25.00  
 Analyzer Range 25  
 Units: ppm  
 Technician(s): kmm

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
Zero	EEP443	0.00	15:16	-0.18	0.18	n/a
Span	CC111534	21.30	15:19	20.98	0.32	1.5%
Mid	AL899	12.90	15:21	12.41	0.49	3.8%
Low	CC250309	7.58	15:23	7.54	0.04	0.5%

Slope 0.9891381  
 Intercept -0.142348

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	-0.18	16:52	-0.14	0.2
	12.41	16:48	12.25	-0.7
	-0.18	17:58	-0.63	-1.8
	12.41	18:00	10.40	-8.0

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
Zero	EEP443	0.00	17:58	-0.63	0.63	n/a
Span	CC111534	21.30	18:04	19.53	1.77	8.3%
Mid	AL899	12.90	18:00	10.40	2.50	19.4%
Low	CC250309	7.58	18:02	6.60	0.98	13.0%

SUMMARY OUTPUT

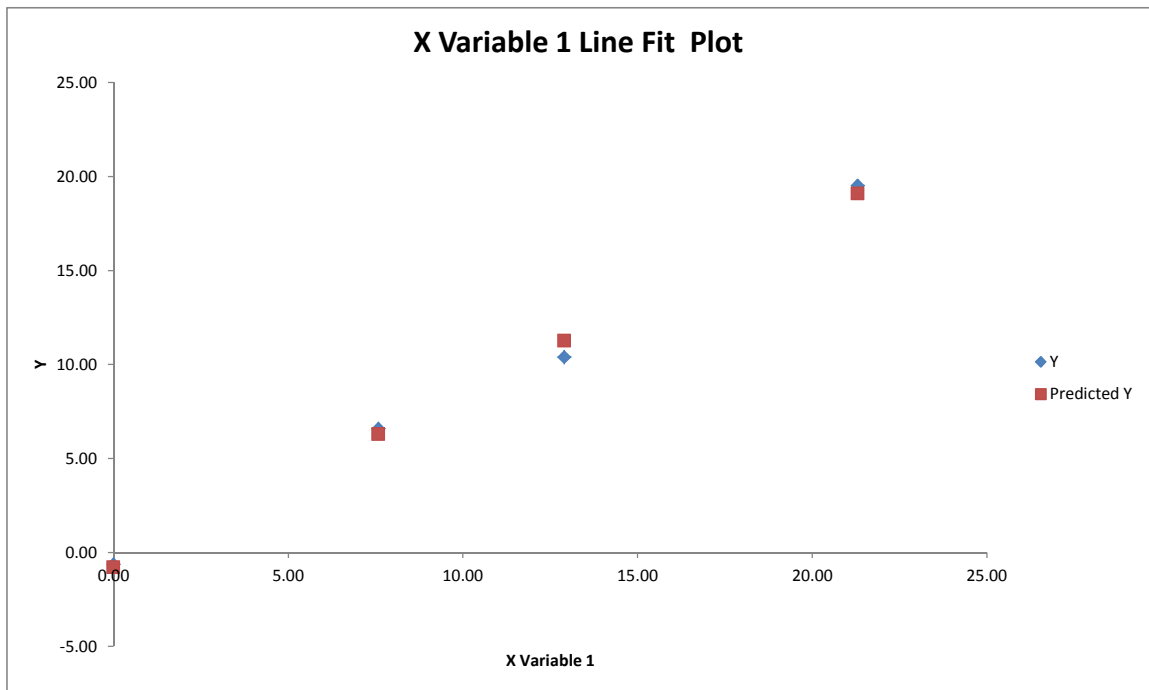
Regression Statistics	
Multiple R	0.99755021
R Square	0.995106422
Adjusted R Square	0.992659634
Standard Error	0.718883594
Observations	4

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	210.1794203	210.1794203	406.6989438	0.00244979
Residual	2	1.033587244	0.516793622		
Total	3	211.2130075			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-0.776977253	0.602482995	-1.2896252	0.326190456	-3.36925236	1.81529785	-3.3692524	1.815298
X Variable 1	0.933552154	0.046291586	20.16677822	0.00244979	0.73437553	1.132728775	0.73437553	1.132729

RESIDUAL OUTPUT

Observation	Predicted Y	Residuals
1	-0.776977253	0.15004392
2	19.10768364	0.41828303
3	11.26584554	-0.864945539
4	6.299348078	0.296618589



Veolia Unit 2

THC Calibration Data Summary

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: Dio  
 Span Value: 25.00  
 Analyzer Range: 25  
 Units: ppm  
 Technician(s): kmm

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
Zero	EEP443	0.00	18:21	0.11	0.11	n/a
Span	CC111534	21.30	18:24	21.02	0.28	1.3%
Mid	AL899	12.90	18:28	12.78	0.12	0.9%
Low	CC250309	7.58	18:26	7.92	0.34	4.5%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	mid
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Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	0.11	19:03	1.10	3.9
	12.78	19:09	14.86	8.3
	0.11			-0.4
	12.78			-51.1

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
Zero	EEP443	0.00	19:03	1.10	1.10	n/a
Span	CC111534	21.30	19:13	23.22	1.92	9.0%
Mid	AL899	12.90	19:09	14.86	1.96	15.2%
Low	CC250309	7.58	19:11	10.28	2.70	35.7%

SUMMARY OUTPUT

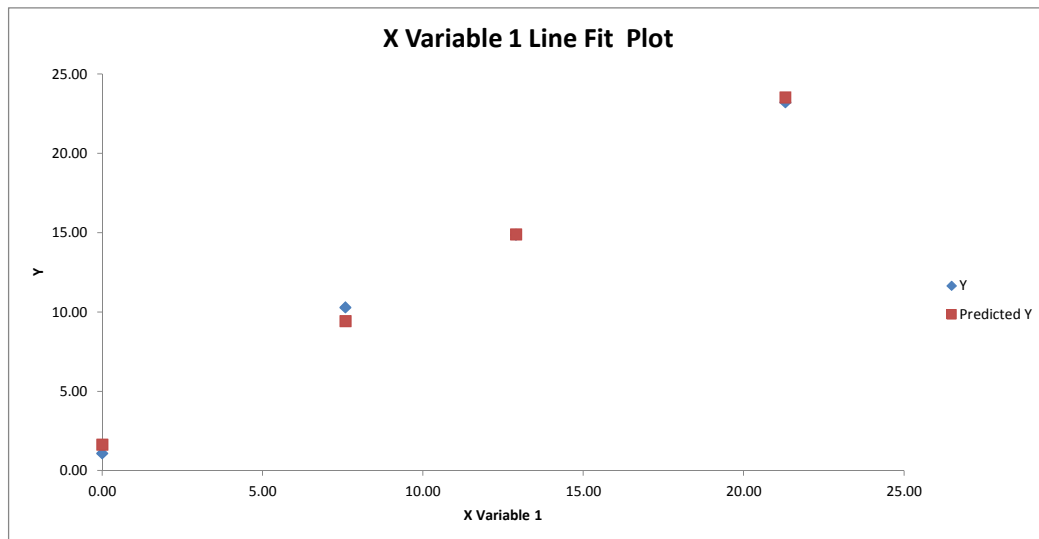
Regression Statistics	
Multiple R	0.99780021
R Square	0.995605259
Adjusted R Square	0.993407888
Standard Error	0.749001305
Observations	4

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	254.1844801	254.1844801	453.089379	0.00219979
Residual	2	1.122005908	0.561002954		
Total	3	255.306486			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.64060787	0.627724089	2.613581188	0.120500072	-1.06027089	4.341486634	-1.0602709	4.341487
X Variable 1	1.026639585	0.048230978	21.28589625	0.00219979	0.81911844	1.234160732	0.81911844	1.234161

RESIDUAL OUTPUT

Observation	Predicted Y	Residuals
1	1.64060787	-0.543474536
2	23.50803103	-0.28896436
3	14.88425851	-0.029125181
4	9.422535923	0.861564077



	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	(%)	(%)	(ppm )		
7:38:53	7.0312	0.0428	1.4068		
7:39:03	0.6028	0.0422	1.3723		
7:39:13	0.0857	0.0422	1.4252		
7:39:23	0.0267	0.0422	1.3961		
7:39:33	0.0095	0.041	1.336		
7:39:43	-0.0018	0.041	1.6127		
7:39:53	-0.0096	0.0404	2.2882		
7:40:03	-0.0173	0.0404	2.1935		
7:40:13	-0.0209	0.0398	1.7311		
7:40:23	-0.0268	0.0434	1.8424		
7:40:33	-0.0286	0.0434	1.4193		
<b>N2 Zero</b>	<b>-0.02543</b>	<b>0.0422</b>	<b>1.664267</b>		
7:40:43	-0.0322	0.0428	1.3265		
7:40:53	-0.0304	0.0428	3.5891		
7:41:03	-0.0078	0.0428	2.2852		
7:41:13	16.1257	18.1451	1.6919		
7:41:23	21.6286	19.058	1.4348		
7:41:33	22.2142	19.1305	1.236		
7:41:43	22.2867	19.1683	1.4276		
7:41:53	22.3058	19.1889	1.3723		
7:42:03	22.3174	19.2035	1.4586		
7:42:13	22.325	19.2186	1.3151		
7:42:23	22.3305	19.2297	1.2533		
7:42:33	22.336	19.2357	1.5318		
7:42:43	22.338	19.2272	1.4949		
<b>O2/CO2 Span</b>	<b>22.33483</b>	<b>19.23087</b>	<b>1.426667</b>		
7:42:53	22.3018	19.1396	1.4276		
7:43:03	22.3018	19.1723	1.3782		
7:43:13	16.8736	10.2668	1.3812		
7:43:23	10.7352	10.1662	1.4175		
7:43:33	10.1037	10.1549	1.2646		
7:43:43	10.0353	10.1472	1.3181		
7:43:53	10.0216	10.14	1.2342		
7:44:03	10.0145	10.1359	1.2295		
7:44:13	10.0085	10.1347	1.2669		
7:44:23	10.005	10.1341	1.3747		
7:44:33	10.0026	10.1323	1.3699		
<b>O2/CO2 Mid</b>	<b>10.00537</b>	<b>10.1337</b>	<b>1.337167</b>		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
7:44:43	9.9895	10.1049	1.383		
7:44:53	9.9877	10.0954	1.2378		
7:45:03	9.9877	10.0918	1.261		
7:45:13	10.0276	10.0305	1.1438		
7:45:23	16.715	0.5159	1.114		
7:45:33	20.2574	0.2017	1.0979		
7:45:43	20.6215	0.1761	1.0938		
7:45:53	20.6502	0.16	1.0664		
7:46:03	20.6522	0.1517	0.0029		
7:46:13	19.3818	0.1481	-0.0102		
7:46:23	4.1128	0.2029	-0.0143		
7:46:33	0.5855	0.0934	-0.0149		
7:46:43	0.1892	0.0868	-0.0209		
7:46:53	0.0898	0.0809	-0.0179		
7:47:03	0.0476	0.0785	-0.0363		
7:47:13	0.0267	0.0755	-0.0221		
7:47:23	0.0113	0.0678	-0.0363		
7:47:33	0.0041	0.0666	-0.0369		
7:47:43	-0.0036	0.0648	-0.0363		
7:47:53	-0.0114	0.0636	-0.0363		
7:48:03	-0.0149	0.0607	-0.0322		
7:48:13	-0.0209	0.0589	0.0011		
<b>Zero Bias</b>	<b>-0.01573</b>	<b>0.061067</b>	<b>-0.02247</b>		
7:48:23	-0.0227	0.0583	0.0011		
7:48:33	-0.0244	0.0559	0.0011		
7:48:43	-0.0286	0.0541	0.2243		
7:48:53	-0.0304	0.0541	0.166		
7:49:03	6.329	0.0886	0.0499		
7:49:13	11.2464	1.0337	0.041		
7:49:23	8.9367	9.517	0.0392		
7:49:33	9.7776	9.8098	0.0392		
7:49:43	9.8675	9.9026	0.0315		
7:49:53	9.8883	9.9466	0.0315		
7:50:03	9.8961	9.9693	0.0345		
7:50:13	9.902	9.9829	0.0363		
7:50:23	9.9056	9.9931	0.0315		
7:50:33	9.9091	9.999	0.0392		
7:50:43	9.9074	10.0026	0.0345		

		O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time		(%)	(%)	(ppm )		
	7:50:53	9.9133	10.0073	0.038		
<b>O2/CO2 Bias</b>		<b>9.909933</b>	<b>10.00297</b>	<b>0.037233</b>		
	7:51:03	9.9091	10.0115	0.9069		
	7:51:13	9.921	9.9657	1.0634		
	11:46:03	10.9833	6.5468	-0.1209		
	11:46:13	10.8744	6.6456	-0.1209		
	11:46:23	10.7084	6.7503	-0.1209		
	11:46:33	10.5905	6.8092	-0.1209		
	11:46:43	10.5483	6.8074	-0.1209		
	11:46:53	10.6364	6.7027	-0.1209		
	11:47:03	10.8095	6.5795	-0.1209		
	11:47:13	10.9488	6.5009	-0.1209		
	11:47:23	11.0137	6.5015	-0.1209		
	11:47:33	10.9167	6.62	-0.1209		
	11:47:43	10.7274	6.761	-0.122		
	11:47:53	10.537	6.8705	-0.122		
	11:48:03	10.3823	6.9592	-0.1209		
	11:48:13	10.3311	6.9616	-0.1209		
	11:48:23	10.4245	6.8509	-0.1209		
	11:48:33	10.5977	6.7265	-0.1209		
	11:48:43	10.7524	6.6479	-0.1209		
	11:48:53	10.8345	6.6337	-0.1209		
	11:49:03	10.8113	6.6801	-0.1209		
	11:49:13	10.6971	6.7759	-0.1209		
	11:49:23	10.5215	6.8884	-0.1209		
	11:49:33	10.4073	6.9312	-0.1209		
	11:49:43	10.4108	6.8901	-0.1209		
	11:49:53	10.5578	6.7455	-0.1209		
<b>Start Run 1A point 3</b>						
	11:50:03	10.7506	6.6295	-0.1209		
	11:50:13	10.8804	6.5616	-0.122		
	11:50:23	10.9434	6.5551	-0.122		
	11:50:33	10.9149	6.6015	-0.122		
	11:50:43	10.8113	6.6908	-0.1209		
	11:50:53	10.6971	6.7527	-0.1209		
	11:51:03	10.5959	6.8128	-0.1209		
	11:51:13	10.5525	6.8265	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
11:51:23	10.5941	6.7604	-0.1209		
11:51:33	10.7125	6.6765	-0.1209		
11:51:43	10.8405	6.6021	-0.1209		
11:51:53	10.9071	6.5968	-0.1209		
11:52:03	10.8613	6.6646	-0.1209		
11:52:13	10.7161	6.7943	-0.1209		
11:52:23	10.5328	6.8949	-0.1209		
11:52:33	10.4394	6.9068	-0.1209		
11:52:43	10.4549	6.8675	-0.1209		
11:52:53	10.581	6.7527	-0.1209		
11:53:03	10.7488	6.6414	-0.1209		
11:53:13	10.8744	6.5825	-0.1209		
11:53:23	10.8952	6.6075	-0.122		
11:53:33	10.8405	6.6676	-0.1209		
11:53:43	10.7239	6.7711	-0.1209		
11:53:53	10.5733	6.8622	-0.1209		
11:54:03	10.4799	6.9026	-0.1209		
11:54:13	10.4876	6.8604	-0.1209		
11:54:23	10.6512	6.7158	-0.1209		
11:54:33	10.8554	6.5884	-0.1209		
11:54:43	11.0101	6.5081	-0.1209		
11:54:53	11.0482	6.5361	-0.1209		
11:55:03	10.9548	6.6307	-0.1209		
11:55:13	10.7965	6.7426	-0.1209		
11:55:23	10.6399	6.8354	-0.1209		
11:55:33	10.5578	6.8419	-0.1209		
11:55:43	10.6399	6.736	-0.1209		
11:55:53	10.8649	6.5694	-0.1209		
11:56:03	11.0274	6.4825	-0.1209		
11:56:13	11.1071	6.4444	-0.1209		
11:56:23	11.1208	6.4688	-0.122		
11:56:33	11.0405	6.5396	-0.1209		
11:56:43	10.9262	6.6218	-0.1209		
11:56:53	10.7447	6.7497	-0.1209		
11:57:03	10.5882	6.8241	-0.1209		
11:57:13	10.5542	6.8146	-0.1209		
11:57:23	10.6512	6.7045	-0.1209		
11:57:33	10.8381	6.5801	-0.1209		
11:57:43	10.9964	6.4926	-0.1209		
11:57:53	11.0922	6.4605	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
11:58:03	11.0881	6.5051	-0.1209		
11:58:13	10.9601	6.6372	-0.1209		
11:58:23	10.7429	6.7806	-0.1209		
11:58:33	10.5715	6.8699	-0.1209		
11:58:43	10.5197	6.8646	-0.1209		
11:58:53	10.6019	6.7658	-0.1209		
11:59:03	10.781	6.6313	-0.1209		
11:59:13	10.953	6.5242	-0.1209		
11:59:23	11.0654	6.4879	-0.1209		
11:59:33	11.0482	6.539	-0.122		
11:59:43	10.9583	6.6182	-0.1209		
11:59:53	10.7965	6.7313	-0.1209		
12:00:03	10.6477	6.8122	-0.1209		
12:00:13	10.5751	6.8271	-0.122		
12:00:23	10.6477	6.7313	-0.1209		
12:00:33	10.8708	6.5557	-0.1209		
12:00:43	11.1166	6.4033	-0.1209		
12:00:53	11.2922	6.3206	-0.1209		
12:01:03	11.3094	6.3611	-0.122		
12:01:13	11.2124	6.4575	-0.1209		
12:01:23	11.0387	6.5878	-0.122		
12:01:33	10.7905	6.7616	-0.122		
12:01:43	10.6703	6.7991	-0.1209		
12:01:53	10.7179	6.736	-0.1209		
12:02:03	10.8423	6.6551	-0.1209		
12:02:13	10.9375	6.6104	-0.1209		
12:02:23	10.9488	6.6557	-0.122		
12:02:33	10.8155	6.7854	-0.1209		
12:02:43	10.5923	6.9556	-0.1209		
12:02:53	10.7256	6.5426	-0.1209		
12:03:03	11.0464	6.5593	-0.1209		
12:03:13	10.6364	6.8396	-0.1209		
12:03:23	10.5138	6.9217	-0.1209		
12:03:33	10.4513	6.9907	-0.1209		
12:03:43	10.5501	6.9199	-0.1209		
12:03:53	10.653	6.8782	-0.122		
12:04:03	10.6953	6.8592	-0.1209		
12:04:13	10.7125	6.8538	-0.1209		
12:04:23	10.6745	6.8884	-0.1209		
12:04:33	10.6001	6.9401	-0.1209		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
12:04:43	10.5406	6.9687	-0.1209		
12:04:53	10.5215	6.8503	-0.1209		
12:05:03	10.6019	6.767	-0.1209		
12:05:13	10.8441	6.6134	-0.1209		
12:05:23	11.0827	6.5444	-0.1209		
12:05:33	11.191	6.5265	-0.1209		
12:05:43	11.2291	6.5289	-0.1209		
12:05:53	11.1607	6.617	-0.1209		
12:06:03	10.9565	6.7592	-0.1209		
12:06:13	10.8191	6.7985	-0.1209		
12:06:23	10.8822	6.6967	-0.1209		
12:06:33	11.0654	6.5694	-0.1209		
12:06:43	11.1952	6.517	-0.1209		
12:06:53	11.2523	6.5081	-0.1209		
12:07:03	11.2333	6.5557	-0.1209		
12:07:13	11.1261	6.5081	-0.122		
12:07:23	11.1113	6.4902	-0.122		
12:07:33	11.0083	6.6485	-0.122		
12:07:43	10.8857	6.7372	-0.1209		
12:07:53	10.8536	6.7473	-0.1209		
12:08:03	10.9167	6.6813	-0.1209		
12:08:13	11.0232	6.6158	-0.122		
12:08:23	11.1339	6.5414	-0.1209		
12:08:33	11.2351	6.4688	-0.1209		
12:08:43	11.3553	6.3766	-0.1209		
12:08:53	11.5308	6.2314	-0.1209		
12:09:03	11.6623	6.1492	-0.1209		
12:09:13	11.7236	6.1213	-0.1209		
12:09:23	11.6927	6.1665	-0.1209		
12:09:33	11.6147	6.2337	-0.1209		
12:09:43	11.5499	6.2456	-0.1209		
12:09:53	11.5671	6.2254	-0.1209		
<b>Point 2</b>					
12:10:03	11.6147	6.1713	-0.1209		
12:10:13	11.7159	6.1058	-0.1209		
12:10:23	11.7367	6.1385	-0.122		
12:10:33	11.6778	6.2123	-0.1209		
12:10:43	11.5784	6.2861	-0.1209		
12:10:53	11.51	6.3052	-0.1209		
12:11:03	11.563	6.2308	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:11:13	11.6683	6.151	-0.1209		
12:11:23	11.7213	6.1469	-0.1209		
12:11:33	11.6564	6.229	-0.1209		
12:11:43	11.5154	6.3349	-0.1209		
12:11:53	11.4029	6.3837	-0.1209		
12:12:03	11.4142	6.32	-0.1209		
12:12:13	11.4927	6.2689	-0.1209		
12:12:23	11.5671	6.2171	-0.122		
12:12:33	11.6165	6.2171	-0.1209		
12:12:43	11.5862	6.2683	-0.122		
12:12:53	11.5249	6.2956	-0.1209		
12:13:03	11.529	6.2665	-0.122		
12:13:13	11.5362	6.2492	-0.1209		
12:13:23	11.5534	6.2367	-0.1209		
12:13:33	11.5517	6.2522	-0.1209		
12:13:43	11.5326	6.2819	-0.1209		
12:13:53	11.479	6.32	-0.1209		
12:14:03	11.4356	6.3575	-0.1209		
12:14:13	11.3803	6.3932	-0.1209		
12:14:23	11.3059	6.442	-0.1209		
12:14:33	11.2886	6.4331	-0.1209		
12:14:43	11.3077	6.4182	-0.1209		
12:14:53	11.3094	6.4331	-0.1209		
12:15:03	11.294	6.4266	-0.1209		
12:15:13	11.3422	6.3789	-0.1209		
12:15:23	11.3993	6.3319	-0.1209		
12:15:33	11.441	6.3194	-0.1209		
12:15:43	11.4677	6.2938	-0.1209		
12:15:53	11.5058	6.2909	-0.1209		
12:16:03	11.3934	6.4206	-0.1209		
12:16:13	11.197	6.5426	-0.1209		
12:16:23	11.0785	6.5825	-0.1209		
12:16:33	11.1131	6.5283	-0.122		
12:16:43	11.2714	6.3718	-0.1209		
12:16:53	11.5154	6.2022	-0.1209		
12:17:03	11.6909	6.107	-0.1209		
12:17:13	11.7558	6.1046	-0.1209		
12:17:23	11.7004	6.1736	-0.1209		
12:17:33	11.5653	6.2909	-0.1209		
12:17:43	11.3684	6.4277	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:17:53	11.2029	6.5128	-0.1209		
12:18:03	11.1357	6.5289	-0.1209		
12:18:13	11.2142	6.4283	-0.1209		
12:18:23	11.3916	6.3034	-0.1209		
12:18:33	11.5594	6.207	-0.1209		
12:18:43	11.651	6.1915	-0.1209		
12:18:53	11.5802	6.2885	-0.1209		
12:19:03	11.3969	6.4456	-0.1209		
12:19:13	11.1815	6.5694	-0.1209		
12:19:23	11.0405	6.6319	-0.1209		
12:19:33	11.0327	6.5914	-0.122		
12:19:43	11.1857	6.4396	-0.1209		
12:19:53	11.4201	6.2778	-0.1209		
12:20:03	11.6165	6.1629	-0.1209		
12:20:13	11.7064	6.1427	-0.1209		
12:20:23	11.651	6.2224	-0.1209		
12:20:33	11.5058	6.3343	-0.1209		
12:20:43	11.3553	6.4313	-0.122		
12:20:53	11.2481	6.4742	-0.1209		
12:21:03	11.2904	6.3879	-0.1209		
12:21:13	11.4523	6.2605	-0.122		
12:21:23	11.6373	6.1248	-0.1209		
12:21:33	11.7861	6.0546	-0.1203		
12:21:43	11.8266	6.0528	-0.1209		
12:21:53	11.8052	6.0963	-0.122		
12:22:03	11.6969	6.1968	-0.1209		
12:22:13	11.5784	6.2712	-0.1209		
12:22:23	11.5195	6.2938	-0.1209		
12:22:33	11.5136	6.2903	-0.1209		
12:22:43	11.5552	6.2522	-0.1209		
12:22:53	11.5975	6.226	-0.1209		
12:23:03	11.6338	6.2117	-0.1209		
12:23:13	11.6356	6.2236	-0.1209		
12:23:23	11.626	6.232	-0.1209		
12:23:33	11.6397	6.2034	-0.122		
12:23:43	11.7385	6.1123	-0.122		
12:23:53	11.8587	6.0195	-0.1209		
12:24:03	11.9563	5.9588	-0.1209		
12:24:13	11.9902	5.9636	0.0011		
12:24:23	11.9278	6.0356	0.0952		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:24:33	11.8284	6.11	0.0125		
12:24:43	11.7403	6.1576	0.0113		
12:24:53	11.6832	6.1939	0.0261		
12:25:03	11.6796	6.1522	0.0142		
12:25:13	11.7843	6.051	0.0315		
12:25:23	11.8891	5.9719	-0.0381		
12:25:33	11.9789	5.9231	0.0029		
12:25:43	11.9581	5.9951	-0.0227		
12:25:53	11.8016	6.1344	-0.0352		
12:26:03	11.5957	6.2831	0.0267		
12:26:13	11.4124	6.3926	0.063		
12:26:23	11.2922	6.4551	0.1374		
12:26:33	11.2844	6.4236	0.1196		
12:26:43	11.3838	6.3266	0.1315		
12:26:53	11.563	6.1957	0.1773		
12:27:03	11.71	6.1171	0.1214		
12:27:13	11.7332	6.1599	0.1529		
12:27:23	11.6034	6.2736	0.1672		
12:27:33	11.5005	6.3087	0.163		
12:27:43	11.479	6.2956	0.1452		
12:27:53	11.5267	6.223	0.1797		
12:28:03	11.6891	6.0641	0.2862		
12:28:13	11.8915	5.9237	0.2564		
12:28:23	12.0551	5.8172	0.1594		
12:28:33	12.0956	5.8451	0.1362		
12:28:43	11.992	5.963	0.1481		
12:28:53	11.7956	6.1129	0.1184		
12:29:03	11.5671	6.2879	0.1243		
12:29:13	11.363	6.3968	0.1089		
12:29:23	11.2749	6.426	0.1279		
12:29:33	11.2749	6.4069	0.0743		
12:29:43	11.3588	6.329	0.1553		
12:29:53	11.4945	6.2266	0.1214		
12:30:03	11.6165	6.1695	0.0952		
12:30:13	11.6034	6.2284	0.1023		
12:30:23	11.4427	6.3665	0.0755		
12:30:33	11.2142	6.5426	0.0743		
12:30:43	10.9774	6.6807	0.0696		
12:30:53	10.825	6.739	0.0898		
12:31:03	10.8476	6.6765	0.0696		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:31:13	11.0369	6.5099	0.1297		
12:31:23	11.2904	6.3296	0.1214		
12:31:33	11.5136	6.1968	0.1452		
12:31:43	11.6225	6.1671	0.1362		
12:31:53	11.5802	6.232	0.1362		
12:32:03	11.4088	6.3873	0.1678		
12:32:13	11.1928	6.5146	0.1725		
12:32:23	11.0595	6.5593	0.1898		
12:32:33	11.0369	6.5372	0.1362		
12:32:43	11.172	6.4099	0.1481		
12:32:53	11.3648	6.2855	0.1529		
12:33:03	11.5231	6.1962	0.1422		
12:33:13	11.5689	6.2141	0.0904		
12:33:23	11.4886	6.3034	-0.128		
12:33:33	11.338	6.4242	-0.1209		
12:33:43	11.1416	6.5622	-0.1256		
12:33:53	11.0024	6.6229	-0.1209		
12:34:03	11.0214	6.5587	-0.1209		
12:34:13	11.1476	6.4563	-0.1209		
12:34:23	11.2963	6.3611	-0.1209		
12:34:33	11.3779	6.3534	-0.1209		
12:34:43	11.338	6.4224	-0.1209		
12:34:53	11.2255	6.5188	-0.1232		
12:35:03	11.0637	6.6283	-0.1209		
12:35:13	10.9411	6.6914	-0.1286		
12:35:23	10.8994	6.6801	-0.1268		
12:35:33	11.0232	6.5361	-0.1256		
12:35:43	11.3094	6.2915	-0.1268		
12:35:53	11.6778	6.0469	-0.1232		
12:36:03	11.8284	6.0356	-0.128		
12:36:13	11.7427	6.1451	-0.1286		
12:36:23	11.5671	6.2718	-0.1286		
12:36:33	11.4124	6.3593	-0.1286		
12:36:43	11.313	6.4045	-0.1286		
12:36:53	11.2696	6.4153	-0.1286		
12:37:03	11.2714	6.4051	-0.1286		
12:37:13	11.2981	6.3807	-0.1286		
12:37:23	11.3535	6.3444	-0.1286		
12:37:33	11.4142	6.3117	-0.1286		
12:37:43	11.466	6.2748	-0.1286		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
12:37:53	11.5403	6.2105	-0.1286		
12:38:03	11.6129	6.1498	-0.1286		
12:38:13	11.6546	6.1314	-0.1286		
12:38:23	11.626	6.182	-0.1286		
12:38:33	11.5213	6.2724	-0.1286		
12:38:43	11.4183	6.3284	-0.128		
12:38:53	11.338	6.3891	-0.128		
12:39:03	11.2523	6.4444	-0.1286		
12:39:13	11.2237	6.4361	-0.1286		
12:39:23	11.2999	6.3492	-0.1286		
12:39:33	11.4868	6.1897	-0.1286		
12:39:43	11.71	6.0356	-0.128		
12:39:53	11.8605	5.9665	-0.128		
<b>Point 1</b>					
12:40:03	11.8605	6.0177	-0.128		
12:40:13	11.729	6.1361	-0.1286		
12:40:23	11.529	6.2938	-0.1286		
12:40:33	11.3684	6.3748	-0.1286		
12:40:43	11.2886	6.3968	-0.1286		
12:40:53	11.3422	6.3182	-0.128		
12:41:03	11.479	6.2034	-0.1286		
12:41:13	11.6493	6.1034	-0.1286		
12:41:23	11.7195	6.107	-0.1286		
12:41:33	11.6469	6.201	-0.1286		
12:41:43	11.51	6.3105	-0.1286		
12:41:53	11.338	6.4254	-0.128		
12:42:03	11.2101	6.4908	-0.1286		
12:42:13	11.1738	6.47	-0.1286		
12:42:23	11.2886	6.3617	-0.1286		
12:42:33	11.4564	6.2337	-0.1286		
12:42:43	11.626	6.1254	-0.1286		
12:42:53	11.7272	6.0915	-0.1286		
12:43:03	11.71	6.148	-0.1286		
12:43:13	11.5993	6.2403	-0.1286		
12:43:23	11.4261	6.3605	-0.1286		
12:43:33	11.2922	6.426	-0.1286		
12:43:43	11.2868	6.3712	-0.1286		
12:43:53	11.4237	6.2528	-0.1286		
12:44:03	11.5725	6.1397	-0.1286		
12:44:13	11.7272	6.0409	-0.1286		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:44:23	11.8016	6.0391	-0.1286		
12:44:33	11.7349	6.1254	-0.1286		
12:44:43	11.5975	6.2367	-0.1286		
12:44:53	11.441	6.3391	-0.1286		
12:45:03	11.3112	6.4212	-0.128		
12:45:13	11.1815	6.4998	-0.1286		
12:45:23	11.1416	6.4998	-0.128		
12:45:33	11.1797	6.4527	-0.128		
12:45:43	11.3207	6.3349	-0.128		
12:45:53	11.4695	6.2427	-0.1286		
12:46:03	11.5552	6.2123	-0.1286		
12:46:13	11.5326	6.2748	-0.1286		
12:46:23	11.4332	6.3641	-0.1286		
12:46:33	11.3017	6.4444	-0.1286		
12:46:43	11.2577	6.4242	-0.128		
12:46:53	11.2868	6.3801	-0.1286		
12:47:03	11.3535	6.3087	-0.1286		
12:47:13	11.4523	6.2635	-0.1286		
12:47:23	11.4546	6.2998	-0.1286		
12:47:33	11.4297	6.3105	-0.1286		
12:47:43	11.466	6.2629	-0.1286		
12:47:53	11.5386	6.2022	-0.1286		
12:48:03	11.607	6.1498	-0.1286		
12:48:13	11.6528	6.1427	-0.1286		
12:48:23	11.582	6.2308	-0.128		
12:48:33	11.4618	6.323	-0.1286		
12:48:43	11.3648	6.3593	-0.1286		
12:48:53	11.3684	6.3313	-0.128		
12:49:03	11.4332	6.2718	-0.1286		
12:49:13	11.5231	6.2099	-0.1286		
12:49:23	11.5517	6.2343	-0.1286		
12:49:33	11.4773	6.3093	-0.1286		
12:49:43	11.3684	6.3914	-0.1286		
12:49:53	11.2773	6.4432	-0.1286		
12:50:03	11.2386	6.4373	-0.1286		
12:50:13	11.2844	6.3873	-0.1286		
12:50:23	11.4201	6.2534	-0.1286		
12:50:33	11.6225	6.1123	-0.1286		
12:50:43	11.748	6.0528	-0.128		
12:50:53	11.7712	6.0629	-0.1286		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
12:51:03	11.7272	6.1141	-0.1286		
12:51:13	11.5993	6.2236	-0.1286		
12:51:23	11.4427	6.3194	-0.1286		
12:51:33	11.3267	6.3837	-0.1286		
12:51:43	11.2696	6.4039	-0.128		
12:51:53	11.2868	6.3694	-0.128		
12:52:03	11.3803	6.2819	-0.128		
12:52:13	11.51	6.2177	0.0452		
12:52:23	11.5671	6.1986	0.0547		
12:52:33	11.5784	6.2076	0.0934		
12:52:43	11.5707	6.2022	0.0868		
12:52:53	11.582	6.1843	0.0678		
12:53:03	11.607	6.1599	0.0714		
12:53:13	11.6183	6.1445	0.0708		
12:53:23	11.5784	6.2177	0.0708		
12:53:33	11.4755	6.3046	0.0708		
12:53:43	11.3553	6.3968	0.0773		
12:53:53	11.2446	6.4617	0.0904		
12:54:03	11.2124	6.4575	-0.0179		
12:54:13	11.3207	6.3421	0.0011		
12:54:23	11.529	6.1873	0.016		
12:54:33	11.7272	6.0606	0.0517		
12:54:43	11.8206	6.0499	0.063		
12:54:53	11.748	6.1498	0.0898		
12:55:03	11.6088	6.2665	0.0976		
12:55:13	11.4392	6.3742	0.0868		
12:55:23	11.3285	6.4099	0.0743		
12:55:33	11.3553	6.3385	0.0928		
12:55:43	11.529	6.1713	0.0743		
12:55:53	11.7826	5.9981	0.0993		
12:56:03	11.9176	5.9463	0.0678		
12:56:13	11.9063	5.988	0.066		
12:56:23	11.8093	6.076	0.0547		
12:56:33	11.6891	6.151	0.0601		
12:56:43	11.601	6.1968	0.0601		
12:56:53	11.5749	6.1873	0.0613		
12:57:03	11.6528	6.0951	0.0601		
12:57:13	11.8189	5.9725	0.141		
12:57:23	11.9754	5.863	0.0868		
12:57:33	12.0914	5.8112	0.0678		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
12:57:43	12.0896	5.8683	0.0696		
12:57:53	11.9426	6.0022	0.0601		
12:58:03	11.7195	6.1635	0.0678		
12:58:13	11.5481	6.2575	0.0791		
12:58:23	11.466	6.2938	0.0803		
12:58:33	11.4945	6.2331	0.0755		
12:58:43	11.6243	6.1177	0.0803		
12:58:53	11.7766	6.0213	-0.034		
12:59:03	11.8891	5.9761	-0.1328		
12:59:13	11.8986	6.0118	-0.1286		
12:59:23	11.8147	6.0873	-0.1268		
12:59:33	11.6778	6.1992	-0.1256		
12:59:43	11.5362	6.2754	-0.1286		
12:59:53	11.4755	6.2802	-0.1238		
<b>End Run 1A</b>	<b>11.32452</b>	<b>6.37725</b>	<b>-0.07462</b>		
13:00:03	11.5499	6.1861	-0.1256		
13:00:13	11.71	6.0546	-0.1238		
13:00:23	11.8796	5.9392	-0.1286		
13:00:33	11.9849	5.9064	-0.1286		
13:00:43	11.9539	5.9683	-0.1232		
13:00:53	11.8433	6.0558	-0.1286		
13:01:03	11.7427	6.1159	-0.128		
13:01:13	11.6546	6.1689	-0.1286		
13:01:23	11.5784	6.204	-0.1286		
13:01:33	11.5612	6.1986	-0.1328		
13:01:43	11.6165	6.1397	-0.1286		
13:01:53	11.6909	6.0933	-0.1429		
13:02:03	11.7558	6.06	-0.1429		
13:02:13	11.8147	6.0213	-0.1429		
13:02:23	11.8093	6.0427	-0.1429		
13:02:33	11.7385	6.1076	-0.1429		
13:02:43	11.6546	6.1564	-0.1429		
13:02:53	11.5939	6.1879	-0.1429		
13:03:03	11.5862	6.1713	-0.1429		
13:03:13	11.6225	6.1361	-0.1429		
13:03:23	11.6737	6.1034	-0.1429		
13:03:33	11.704	6.0963	-0.1429		
13:03:43	11.7141	6.0885	-0.1429		
13:03:53	11.7272	6.0737	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:04:03	11.7689	6.0278	-0.1429		
13:04:13	11.8093	6.0183	-0.1429		
13:04:23	11.8206	6.0153	-0.1429		
13:04:33	11.8016	6.0332	-0.1429		
13:04:43	11.7921	6.0284	-0.1429		
13:04:53	11.8361	5.9386	-0.1429		
13:05:03	11.9658	5.866	-0.1429		
13:05:13	12.0402	5.8172	-0.1429		
13:05:23	12.0878	5.7666	-0.1429		
13:05:33	12.2003	5.6083	-0.1429		
13:05:43	12.5092	5.2869	-0.1429		
13:05:53	12.9305	4.9471	-0.1429		
13:06:03	13.3316	4.6198	-0.1429		
13:06:13	13.6363	4.3812	-0.1429		
13:06:23	13.8351	4.2187	-0.1429		
13:06:33	13.9726	4.0973	-0.1429		
13:06:43	14.06	4.0086	-0.1429		
13:06:53	14.1077	3.9449	-0.1429		
13:07:03	14.1499	3.889	-0.1429		
13:07:13	14.182	3.8485	-0.1429		
13:07:23	14.1993	3.8247	-0.1429		
13:07:33	14.2011	3.8003	-0.1429		
13:07:43	14.2219	3.7736	-0.1429		
13:07:53	14.2356	3.7599	-0.1429		
13:08:03	14.1957	3.7771	-0.1429		
13:08:13	14.163	3.7825	-0.1429		
13:08:23	14.138	3.7866	-0.1429		
13:08:33	14.1154	3.7866	-0.1429		
13:08:43	14.0999	3.7938	-0.1429		
13:08:53	14.119	3.77	-0.1429		
13:09:03	14.163	3.7456	-0.1429		
13:09:13	14.1612	3.7527	-0.1429		
13:09:23	14.1457	3.7646	-0.1429		
13:09:33	14.1041	3.7861	-0.1429		
13:09:43	14.0636	3.8033	-0.1429		
13:09:53	14.0505	3.8051	-0.1429		
13:10:03	14.0541	3.8015	-0.1429		
13:10:13	14.0428	3.8134	-0.1429		
13:10:23	14.0047	3.8366	-0.1429		
13:10:33	13.9476	3.8682	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:10:43	13.9148	3.8789	-0.1429		
13:10:53	13.9095	3.8753	-0.1429		
13:11:03	13.9077	3.8747	-0.1429		
13:11:13	13.9077	3.8717	-0.1429		
13:11:23	13.9339	3.8539	-0.1429		
13:11:33	13.9624	3.8372	-0.1429		
13:11:43	13.9892	3.8218	-0.1429		
13:11:53	14.0202	3.8081	-0.1429		
13:12:03	14.0351	3.7997	-0.1429		
13:12:13	14.0565	3.7837	-0.1429		
13:12:23	14.0755	3.7706	-0.1429		
13:12:33	14.1059	3.7539	-0.1429		
13:12:43	14.138	3.7367	-0.1429		
13:12:53	14.1612	3.7355	-0.1429		
13:13:03	14.1862	3.7194	-0.1429		
13:13:13	14.1957	3.7158	-0.1429		
13:13:23	14.2088	3.7081	-0.1429		
13:13:33	14.2183	3.7021	-0.1429		
13:13:43	14.2201	3.7081	-0.1429		
13:13:53	14.2011	3.7158	-0.1429		
13:14:03	14.1933	3.714	-0.1429		
13:14:13	14.2124	3.7051	-0.1429		
13:14:23	14.2148	3.7051	-0.1441		
13:14:33	14.2148	3.7075	-0.1429		
13:14:43	14.2183	3.7027	-0.1429		
13:14:53	14.1993	3.7194	-0.1429		
13:15:03	14.1707	3.7355	-0.1429		
13:15:13	14.1648	3.7367	-0.1429		
13:15:23	14.1594	3.7343	-0.1429		
13:15:33	14.1517	3.742	-0.1429		
13:15:43	14.169	3.7111	-0.1429		
13:15:53	14.285	3.6504	-0.1429		
13:16:03	14.2945	3.6724	-0.1429		
13:16:13	14.2201	3.7152	-0.1429		
13:16:23	14.1594	3.7384	-0.1429		
13:16:33	14.1285	3.7509	-0.1429		
13:16:43	14.1077	3.7622	-0.1429		
13:16:53	14.0827	3.7777	-0.1429		
13:17:03	14.066	3.7807	-0.1429		
13:17:13	14.0541	3.7777	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:17:23	14.0565	3.7747	-0.1429		
13:17:33	14.066	3.773	-0.1429		
13:17:43	14.0678	3.7759	-0.1429		
13:17:53	14.0791	3.7676	-0.1441		
13:18:03	14.0904	3.7611	-0.0411		
13:18:13	14.0963	3.7599	0.0011		
13:18:23	14.0904	3.7718	0.0011		
13:18:33	14.066	3.7861	0.0047		
13:18:43	14.0487	3.7884	0.0089		
13:18:53	14.0714	3.7694	0.0077		
13:19:03	14.1172	3.742	0.0089		
13:19:13	14.1725	3.7134	0.0113		
13:19:23	14.2148	3.6968	0.0154		
13:19:33	14.2564	3.6777	0.0315		
13:19:43	14.2945	3.6581	0.0345		
13:19:53	14.335	3.6343	0.0452		
13:20:03	14.3707	3.6135	0.0422		
13:20:13	14.407	3.592	0.0535		
13:20:23	14.4338	3.5831	0.063		
13:20:33	14.4302	3.5914	0.0601		
13:20:43	14.4112	3.5968	0.0601		
13:20:53	14.3844	3.6111	0.0678		
13:21:03	14.3612	3.6218	0.0678		
13:21:13	14.3689	3.6135	0.0928		
13:21:23	14.3463	3.6313	0.0708		
13:21:33	14.3231	3.6438	0.0666		
13:21:43	14.3118	3.6492	0.0928		
13:21:53	14.2987	3.6635	0.1118		
13:22:03	14.2701	3.6777	0.1696		
13:22:13	14.2606	3.6807	0.122		
13:22:23	14.2487	3.6879	0.0743		
13:22:33	14.2356	3.6908	0.0666		
13:22:43	14.2338	3.6914	0.0678		
13:22:53	14.2451	3.6771	0.0726		
13:23:03	14.2677	3.6646	0.1249		
13:23:13	14.2909	3.6533	0.1231		
13:23:23	14.2909	3.6599	0.1267		
13:23:33	14.2737	3.6623	0.0934		
13:23:43	14.2701	3.6718	0.0077		
13:23:53	14.2755	3.6635	0.0232		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:24:03	14.2814	3.6611	0.0238		
13:24:13	14.2963	3.6533	0.0422		
13:24:23	14.3082	3.6438	0.0309		
13:24:33	14.3463	3.6188	0.022		
13:24:43	14.3707	3.6153	0.0238		
13:24:53	14.3516	3.6355	0.0613		
13:25:03	14.3195	3.6539	0.0976		
13:25:13	14.2796	3.6783	0.0773		
13:25:23	14.2433	3.6938	0.0928		
13:25:33	14.2219	3.7015	0.0833		
13:25:43	14.2219	3.7021	0.0928		
13:25:53	14.2297	3.6879	0.1053		
13:26:03	14.2374	3.6783	0.122		
13:26:13	14.2451	3.673	0.0976		
13:26:23	14.2582	3.667	0.0976		
13:26:33	14.2582	3.67	0.0898		
13:26:43	14.2546	3.6694	0.0886		
13:26:53	14.2564	3.6652	0.11		
13:27:03	14.266	3.6623	0.1184		
13:27:13	14.2737	3.6617	0.1041		
13:27:23	14.2814	3.6545	0.0833		
13:27:33	14.2945	3.6438	0.069		
13:27:43	14.3153	3.6295	0.0613		
13:27:53	14.3231	3.6337	0.0678		
13:28:03	14.3249	3.6367	0.0755		
13:28:13	14.3386	3.6129	0.0898		
13:28:23	14.3445	3.6164	0.0743		
13:28:33	14.3386	3.623	0.0898		
13:28:43	14.3326	3.6212	0.0976		
13:28:53	14.3368	3.6266	0.0976		
13:29:03	14.3231	3.6295	0.0708		
13:29:13	14.3005	3.6456	0.0678		
13:29:23	14.2701	3.6587	0.069		
13:29:33	14.2564	3.6641	0.0928		
13:29:43	14.2701	3.6539	0.0404		
13:29:53	14.2737	3.6587	0.044		
13:30:03	14.2546	3.6652	0.0404		
13:30:13	14.2582	3.6516	0.0422		
13:30:23	14.2719	3.6462	0.0404		
13:30:33	14.2755	3.642	0.038		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
13:30:43	14.2624	3.6527	0.0327		
13:30:53	14.2433	3.6652	0.0458		
13:31:03	14.2338	3.6694	-0.0149		
13:31:13	14.2314	3.667	0.0017		
13:31:23	14.2505	3.6527	0.0458		
13:31:33	14.2868	3.6319	0.0648		
13:31:43	14.3136	3.6212	0.0678		
13:31:53	14.3153	3.6206	0.0678		
13:32:03	14.3177	3.623	0.0642		
13:32:13	14.31	3.6289	0.0601		
13:32:23	14.3058	3.6343	0.063		
13:32:33	14.2892	3.6408	0.0642		
13:32:43	14.2737	3.6474	0.0678		
13:32:53	14.266	3.6533	0.0708		
13:33:03	14.2606	3.6516	0.0678		
13:33:13	14.2642	3.6486	0.069		
13:33:23	14.2606	3.651	0.0708		
13:33:33	14.2546	3.6557	0.0678		
13:33:43	14.2677	3.6426	0.069		
13:33:53	14.2868	3.6343	0.066		
13:34:03	14.2814	3.6426	0.0613		
13:34:13	14.266	3.6516	0.0618		
13:34:23	14.2529	3.6569	0.0583		
13:34:33	14.2546	3.6569	0.0553		
13:34:43	14.2487	3.6748	0.0613		
13:34:53	14.2392	3.6777	0.0601		
13:35:03	14.2546	3.6569	0.0601		
13:35:13	14.2927	3.6337	0.0601		
13:35:23	14.3195	3.6289	0.0458		
13:35:33	14.3082	3.6379	0.0279		
13:35:43	14.3272	3.6045	-0.0102		
13:35:53	14.4451	3.545	0.0089		
13:36:03	14.4451	3.5635	0.0041		
13:36:13	14.3862	3.6022	0.0011		
13:36:23	14.3272	3.6236	0.0136		
13:36:33	14.2909	3.6367	0.0327		
13:36:43	14.2909	3.626	0.0458		
13:36:53	14.304	3.6313	0.0565		
13:37:03	14.2927	3.6343	0.066		
13:37:13	14.3005	3.648	0.0696		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
13:37:23	14.4165	3.5367	0.0755		
13:37:33	14.6058	3.4605	0.0755		
13:37:43	14.6742	3.5129	0.0743		
13:37:53	14.5772	3.6879	0.0726		
13:38:03	14.3326	3.942	0.0696		
13:38:13	14.0178	4.1979	0.0743		
13:38:23	13.7131	4.4454	0.0898		
13:38:33	13.4155	4.7001	0.1023		
13:38:43	13.1632	4.9025	0.0993		
13:38:53	12.965	5.0602	0.0857		
13:39:03	12.7496	5.2197	0.0678		
13:39:13	12.4901	5.4012	0.0601		
13:39:23	12.2325	5.5803	0.0678		
13:39:33	12.0117	5.7327	0.0726		
13:39:43	11.8492	5.8553	0.0743		
13:39:53	11.7004	5.9588	0.0743		
13:40:03	11.6147	6.0147	0.0898		
13:40:13	11.5844	6.0314	0.0976		
13:40:23	11.5939	6.0249	0.0976		
13:40:33	11.6129	6.029	0.0898		
13:40:43	11.582	6.0743	0.1118		
13:40:53	11.504	6.1391	-0.0465		
13:41:03	11.4332	6.1885	0.0208		
13:41:13	11.3898	6.198	0.0601		
13:41:23	11.3457	6.2445	0.0505		
13:41:33	11.2904	6.2754	0.0601		
13:41:43	11.2481	6.3075	0.0553		
13:41:53	11.2351	6.3046	0.063		
13:42:03	11.2523	6.2873	0.063		
13:42:13	11.3017	6.2617	0.0601		
13:42:23	11.338	6.2397	0.0499		
13:42:33	11.3916	6.1903	0.0565		
13:42:43	11.4737	6.1332	0.0601		
13:42:53	11.5344	6.0969	0.0726		
13:43:03	11.5403	6.1034	0.0904		
13:43:13	11.5439	6.1058	0.0993		
13:43:23	11.563	6.0707	0.0928		
13:43:33	11.6451	6.0016	0.0357		
13:43:43	11.6891	5.988	0.041		
13:43:53	11.6891	5.9951	0.066		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:44:03	11.6832	5.9909	0.0785		
13:44:13	11.6814	5.9957	0.0916		
13:44:23	11.6873	5.985	0.0916		
13:44:33	11.71	5.9778	0.1053		
13:44:43	11.7004	5.9987	0.1077		
13:44:53	11.6832	6.0016	0.1041		
13:45:03	11.6909	5.9909	0.0976		
13:45:13	11.6814	6.0005	0.0946		
13:45:23	11.651	6.0385	0.0952		
13:45:33	11.5915	6.0671	0.0976		
13:45:43	11.601	6.0362	0.0898		
13:45:53	11.6129	6.0421	0.0898		
13:46:03	11.5784	6.0653	0.0743		
13:46:13	11.5707	6.0635	0.0755		
13:46:23	11.601	6.029	0.0755		
13:46:33	11.6356	6.0195	0.0743		
13:46:43	11.6451	6.013	0.0737		
13:46:53	11.6683	5.9868	0.0142		
13:47:03	11.6986	5.9606	0.0309		
13:47:13	11.7213	5.9517	0.0309		
13:47:23	11.7445	5.9255	0.0309		
13:47:33	11.7576	5.9183	0.0327		
13:47:43	11.7748	5.9035	0.0333		
13:47:53	11.7903	5.8856	0.0309		
13:48:03	11.8111	5.8826	0.0309		
13:48:13	11.7939	5.9112	0.044		
13:48:23	11.7427	5.957	0.069		
13:48:33	11.7004	5.985	0.0743		
13:48:43	11.6528	6.029	0.0714		
13:48:53	11.607	6.0415	0.0898		
13:49:03	11.6338	6.0249	0.0839		
13:49:13	11.607	6.0766	0.0952		
13:49:23	11.5386	6.1213	0.0898		
13:49:33	11.4773	6.1671	0.0809		
13:49:43	11.4505	6.1701	0.0773		
13:49:53	11.491	6.126	0.0678		
13:50:03	11.4963	6.1689	0.0708		
13:50:13	11.4713	6.1879	0.0666		
13:50:23	11.441	6.223	0.0601		
13:50:33	11.3779	6.2766	-0.0536		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:50:43	11.2981	6.3385	-0.1429		
13:50:53	11.2083	6.4087	-0.1286		
13:51:03	11.1339	6.4313	-0.1286		
13:51:13	11.1434	6.4063	-0.1286		
13:51:23	11.382	5.9493	-0.1232		
13:51:33	11.8206	5.9767	-0.128		
13:51:43	11.4808	6.1832	-0.1286		
13:51:53	11.3553	6.3034	-0.1238		
13:52:03	11.1452	6.4795	-0.1286		
13:52:13	11.0613	6.523	-0.1286		
13:52:23	11.0559	6.5283	-0.1286		
13:52:33	11.044	6.567	-0.1238		
13:52:43	10.9601	6.642	-0.1286		
13:52:53	10.8839	6.6854	-0.1286		
13:53:03	10.7851	6.7866	-0.128		
13:53:13	10.6953	6.8324	-0.1286		
13:53:23	10.7566	6.6527	-0.1286		
13:53:33	10.7161	6.711	-0.1286		
13:53:43	10.6876	6.7366	-0.1286		
13:53:53	10.6572	6.8723	-0.1286		
13:54:03	10.6149	6.908	-0.1286		
13:54:13	10.684	6.8616	-0.1286		
13:54:23	10.7256	6.8646	-0.1286		
13:54:33	10.7221	6.8759	-0.1286		
13:54:43	10.7012	6.8949	-0.1351		
13:54:53	10.6893	6.8777	-0.1429		
13:55:03	10.7637	6.8289	-0.1429		
13:55:13	10.7679	6.8473	-0.1429		
13:55:23	10.8	6.8211	-0.1429		
13:55:33	10.806	6.8336	-0.1429		
13:55:43	10.7369	6.7777	-0.1429		
13:55:53	10.7488	6.7461	-0.1429		
13:56:03	10.6417	6.9026	-0.1429		
13:56:13	10.5596	6.9568	-0.1429		
13:56:23	10.5525	6.9592	-0.1429		
13:56:33	10.6191	6.9145	-0.1429		
13:56:43	10.7066	6.8634	-0.1429		
13:56:53	10.7905	6.8378	-0.1429		
13:57:03	10.8518	6.7943	-0.1429		
13:57:13	10.9012	6.7729	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:57:23	10.928	6.7676	-0.1429		
13:57:33	10.9339	6.764	-0.1441		
13:57:43	10.9583	6.7443	-0.1429		
13:57:53	10.9869	6.7211	-0.1429		
13:58:03	11.0422	6.6729	-0.1429		
13:58:13	11.075	6.6658	-0.1429		
13:58:23	11.0922	6.6533	-0.1429		
13:58:33	11.1113	6.6229	-0.1429		
13:58:43	11.1148	6.6348	-0.1429		
13:58:53	11.0708	6.6604	-0.1429		
13:59:03	11.0137	6.6747	-0.1429		
13:59:13	10.9964	6.6688	-0.1429		
13:59:23	10.9661	6.7027	-0.1429		
13:59:33	10.9125	6.7426	-0.1429		
13:59:43	10.8518	6.7806	-0.1429		
13:59:53	10.7923	6.8312	-0.1429		
14:00:03	10.7256	6.8943	-0.1429		
14:00:13	10.659	6.9479	-0.1429		
14:00:23	10.5786	7.011	-0.1429		
14:00:33	10.5084	7.0586	-0.1441		
14:00:43	10.4703	7.0806	-0.1429		
14:00:53	10.4376	7.105	-0.1429		
14:01:03	10.4471	7.0853	-0.1429		
14:01:13	10.5025	7.0484	-0.1429		
14:01:23	10.5388	7.0401	-0.1429		
14:01:33	10.5406	7.0425	-0.1429		
14:01:43	10.5638	7.0121	-0.1429		
14:01:53	10.6019	7.0068	-0.1429		
14:02:03	10.5691	7.0461	-0.1429		
14:02:13	10.5162	7.08	-0.1429		
14:02:23	10.5007	7.0937	-0.1429		
14:02:33	10.4662	7.1216	-0.1429		
14:02:43	10.4626	7.1264	-0.1429		
14:02:53	10.4644	7.1133	-0.1429		
14:03:03	10.4626	7.13	-0.1429		
14:03:13	10.4299	7.1639	-0.1429		
14:03:23	10.3959	7.1782	-0.1429		
14:03:33	10.3745	7.202	-0.1429		
14:03:43	10.3483	7.2204	-0.1429		
14:03:53	10.3501	7.2151	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
14:04:03	10.3596	7.2097	-0.1429		
14:04:13	10.3632	7.2127	-0.1429		
14:04:23	10.371	7.2079	-0.1429		
14:04:33	10.3787	7.2103	-0.1429		
14:04:43	10.3632	7.2175	-0.1429		
14:04:53	10.3311	7.2419	-0.1441		
14:05:03	10.3174	7.2311	-0.1429		
14:05:13	10.3347	7.2109	-0.1429		
14:05:23	10.3579	7.2127	-0.1429		
14:05:33	10.3579	7.1925	-0.1429		
14:05:43	10.4073	7.1538	-0.1429		
14:05:53	10.4358	7.1347	-0.1429		
14:06:03	10.4703	7.1044	-0.1429		
14:06:13	10.4947	7.0919	-0.1429		
14:06:23	10.4971	7.0883	-0.1429		
14:06:33	10.4989	7.083	-0.1429		
14:06:43	10.5215	7.0609	-0.1429		
14:06:53	10.5429	7.058	-0.1429		
14:07:03	10.5233	7.0812	-0.1429		
14:07:13	10.5084	7.0949	-0.1429		
14:07:23	10.4608	7.1312	-0.1429		
14:07:33	10.415	7.1538	-0.1429		
14:07:43	10.4073	7.1568	-0.1429		
14:07:53	10.4073	7.1663	-0.1429		
14:08:03	10.39	7.1788	-0.1429		
14:08:13	10.3823	7.1919	-0.1429		
14:08:23	10.3519	7.2181	-0.1429		
14:08:33	10.3311	7.2204	-0.1429		
14:08:43	10.3406	7.2014	-0.1429		
14:08:53	10.3823	7.1728	-0.1429		
14:09:03	10.39	7.1746	-0.1429		
14:09:13	10.3959	7.1526	-0.1429		
14:09:23	10.4471	7.1246	-0.1429		
14:09:33	10.4418	7.1288	-0.1429		
14:09:43	10.4566	7.1068	-0.1429		
14:09:53	10.4816	7.0919	-0.1429		
14:10:03	10.5215	7.0639	-0.1429		
14:10:13	10.5429	7.0526	-0.1429		
14:10:23	10.5864	7.0104	-0.1441		
14:10:33	10.6417	6.9913	-0.1441		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
14:10:43	10.6554	6.9931	-0.1429		
14:10:53	10.6245	7.0229	-0.1429		
14:11:03	10.5715	7.08	-0.1429		
14:11:13	10.4739	7.1484	-0.1429		
14:11:23	10.365	7.2222	-0.1429		
14:11:33	10.262	7.2841	-0.1429		
14:11:43	10.1996	7.3157	-0.1429		
14:11:53	10.165	7.3478	-0.1429		
14:12:03	10.1442	7.3591	-0.1429		
14:12:13	10.1157	7.3817	-0.1429		
14:12:23	10.1061	7.3817	-0.1429		
14:12:33	10.1365	7.3543	-0.1429		
14:12:43	10.1514	7.3448	-0.1429		
14:12:53	10.1537	7.3478	-0.1429		
14:13:03	10.1418	7.3585	-0.1441		
14:13:13	10.1287	7.3627	-0.1429		
14:13:23	10.14	7.3436	-0.1429		
14:13:33	10.1746	7.3168	-0.1429		
14:13:43	10.1918	7.3073	-0.1429		
14:13:53	10.2204	7.277	-0.1429		
14:14:03	10.2775	7.2484	-0.1429		
14:14:13	10.3043	7.2353	-0.1441		
14:14:23	10.2853	7.2597	-0.1441		
14:14:33	10.2281	7.3055	-0.1429		
14:14:43	10.1781	7.343	-0.1429		
14:14:53	10.1418	7.3627	-0.1429		
14:15:03	10.1079	7.3841	-0.1429		
14:15:13	10.0734	7.4115	-0.1429		
14:15:23	10.0811	7.3948	-0.1429		
14:15:33	10.127	7.3597	-0.1441		
14:15:43	10.1841	7.3329	-0.1441		
14:15:53	10.1954	7.3395	-0.1429		
14:16:03	10.1996	7.3401	-0.1429		
14:16:13	10.4947	6.2034	-0.1429		
14:16:23	9.0093	0.9896	-0.1441		
14:16:33	1.7645	0.817	-0.1441		
14:16:43	1.0015	0.6843	-0.1441		
14:16:53	0.8147	0.4272	-0.1429		
14:17:03	0.3624	0.216	-0.1429		
14:17:13	0.1071	0.1487	-0.1441		



				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	14:17:23	0.0172	0.1249	-0.1441	
	14:17:33	-0.0131	0.1124	-0.1441	
	14:17:43	-0.0268	0.1047	-0.1441	
	14:17:53	-0.0322	0.0999	-0.1441	
	14:18:03	-0.0381	0.097	-0.1441	
	14:18:13	-0.0417	0.0952	-0.1441	
	14:18:23	-0.0435	0.0904	-0.1441	
	14:18:33	-0.0477	0.0886	-0.1429	
	14:18:43	-0.0494	0.0862	-0.1441	
<b>Zero Bias</b>	<b>-0.04687</b>	<b>0.0884</b>	<b>-0.1437</b>		
	14:18:53	-0.0494	0.0857	-0.1441	
	14:19:03	5.8445	6.2772	-0.1429	
	14:19:13	7.6221	2.6196	-0.1441	
	14:19:23	7.8417	9.0641	-0.1429	
	14:19:33	9.2206	9.4152	-0.1429	
	14:19:43	9.3735	9.4991	-0.1429	
	14:19:53	9.4878	9.5902	-0.1429	
	14:20:03	9.6193	9.7282	-0.1429	
	14:20:13	9.711	9.8086	-0.1429	
	14:20:23	9.7741	9.8722	-0.1429	
	14:20:33	9.8217	9.9252	-0.1429	
	14:20:43	9.8484	9.9526	-0.1429	
	14:20:53	9.8615	9.9698	-0.1429	
	14:21:03	9.8675	9.977	-0.1429	
	14:21:13	9.8752	9.9806	-0.1429	
	14:21:23	9.8752	9.9871	-0.1429	
	14:21:33	9.8752	9.9877	-0.1429	
	14:21:43	9.877	9.9919	-0.1429	
	14:21:53	9.877	9.9931	-0.1429	
<b>O2/CO2 Bias</b>	<b>9.8764</b>	<b>9.9909</b>	<b>-0.1429</b>		
	14:22:03	9.877	9.9913	-0.1429	
	14:22:13	9.8788	9.9931	-0.1429	
	14:22:23	9.8788	9.9984	-0.1429	
	14:22:33	9.8847	10.0115	-0.1429	
	14:22:43	9.8806	10.0103	-0.1429	
	14:22:53	9.8806	10.0121	-0.1429	
	14:23:03	9.8806	10.0157	-0.1429	
	14:23:13	9.883	10.0169	-0.1429	

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
14:23:23	9.883	10.0157	-0.1429		
14:23:33	9.883	10.0157	-0.1429		
14:23:43	9.883	10.0157	-0.1429		
14:23:53	9.8847	10.0169	-0.1429		
15:10:23	0.4314	0.097	-0.1048		
15:10:33	0.3624	0.0993	0.0535		
15:10:43	0.2957	0.097	0.0773		
15:10:53	0.2231	0.097	0.0392		
15:11:03	0.166	0.0827	0.1053		
15:11:13	0.1106	0.0785	0.0249		
15:11:23	0.0648	0.0743	-0.0506		
15:11:33	0.0327	0.072	-0.1345		
15:11:43	0.0017	0.069	-0.0512		
15:11:53	-0.0096	0.0666	-0.0209		
15:12:03	-0.0286	0.0654	0.1071		
15:12:13	0.7629	1.6383	3.7997		
15:12:23	5.5262	1.7514	21.2287		
15:12:33	17.8596	0.141	22.5052		
15:12:43	20.549	0.0946	22.5813		
15:12:53	20.8179	0.0809	22.5767		
15:13:03	20.8657	0.072	22.5697		
15:13:13	20.9135	0.0743	22.6089		
15:13:23	20.9246	0.072	22.6397		
15:13:33	20.9498	0.0708	22.6321		
15:13:43	20.9745	0.072	22.5823		
15:13:53	21.0107	0.0743	22.6195		
15:14:03	21.045	0.0755	22.6664		
15:14:13	21.0928	0.0743	22.6528		
15:14:23	21.1477	0.072	22.6966		
15:14:33	21.1995	0.0702	22.6407		
15:14:43	21.2489	0.0672	20.9755		
15:14:53	21.2872	0.0648	20.9503		
15:15:03	21.3214	0.0636	21.0248		
15:15:13	21.3521	0.0613	20.8199		
15:15:23	21.3748	0.0618	4.5133		
15:15:33	15.6716	5.963	6.104		
15:15:43	13.8785	0.4475	0.2071		
15:15:53	1.8406	0.1273	-0.081		
15:16:03	0.6427	0.0999	-0.1113		

	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	(%)	(%)	(ppm )		
15:16:13	0.4998	0.0868	-0.25		
15:16:23	0.4463	0.0803	-0.2518		
15:16:33	0.4142	0.0755	-0.2595		
15:16:43	0.3832	0.0726	-0.1381		
15:16:53	0.3701	0.0726	-0.147		
<b>Zero Bias</b>	<b>0.389167</b>	<b>0.073567</b>	<b>-0.18153</b>		
15:17:03	0.3546	0.0726	-0.1441		
15:17:13	0.3285	0.0743	-0.2756		
15:17:23	0.307	0.0755	-0.3214		
15:17:33	0.2707	0.0851	0.0297		
15:17:43	2.0275	2.8672	9.1313		
15:17:53	6.1248	0.8159	20.199		
15:18:03	19.1033	0.1487	20.8219		
15:18:13	20.7665	0.1166	20.9266		
15:18:23	20.9266	0.1029	20.9588		
15:18:33	20.9649	0.0952	20.9503		
15:18:43	20.9936	0.0892	20.9503		
15:18:53	21.0183	0.0857	20.9629		
15:19:03	21.0278	0.0839	21.0394		
<b>Span Propane 21.3</b>	<b>21.01323</b>	<b>0.086267</b>	<b>20.9842</b>		
15:19:13	21.0374	0.0839	21.0802		
15:19:23	21.0565	0.0851	20.9951		
15:19:33	21.0888	0.0857	10.2162		
15:19:43	19.5726	3.1624	14.8057		
15:19:53	17.0433	1.0783	12.3699		
15:20:03	19.7765	0.1624	12.4288		
15:20:13	19.9976	0.1214	12.4509		
15:20:23	20.055	0.1059	12.4747		
15:20:33	20.0912	0.0976	12.5247		
15:20:43	20.1159	0.091	12.5122		
15:20:53	20.1391	0.088	12.5395		
15:21:03	20.1542	0.0857	12.4146		
15:21:13	20.1658	0.0857	12.3396		
15:21:23	20.1733	0.0857	12.4538		
15:21:33	20.1733	0.0862	12.477		
15:21:43	20.1753	0.0862	12.3616		
15:21:53	20.1789	0.0862	12.3985		
<b>THC Mid Bias 12.9</b>	<b>20.17583</b>	<b>0.0862</b>	<b>12.41237</b>		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
15:22:03	20.1789	0.0815	12.2848		
15:22:13	20.1809	0.0797	12.0533		
15:22:23	20.1809	0.0785	1.8275		
15:22:33	14.3939	6.4295	8.4351		
15:22:43	15.9656	1.5954	7.4067		
15:22:53	19.6678	0.2184	7.3508		
15:23:03	20.2267	0.1243	7.5019		
15:23:13	20.2841	0.1017	7.4162		
15:23:23	20.3012	0.0892	7.3912		
15:23:33	20.3088	0.0827	7.4543		
15:23:43	20.3108	0.0785	7.5477		
15:23:53	20.3123	0.0797	7.6233		
<b>THC Low Bias 7.58</b>	<b>20.31063</b>	<b>0.0803</b>	<b>7.541767</b>		
15:24:03	20.3108	0.0773	7.4984		
15:24:13	20.3068	0.0779	7.5329		
15:24:23	20.3047	0.0797	6.7461		
15:24:33	20.2801	0.1838	1.1176		
15:24:43	13.5334	6.4831	0.7438		
15:24:53	11.3207	6.9021	0.6974		
15:25:03	11.0387	7.024	0.6326		
15:25:13	10.8804	7.1371	0.601		
15:25:23	10.781	7.1948	0.5772		
15:25:33	10.7679	7.1734	0.5867		
15:25:43	10.8744	7.0788	0.5707		
15:25:53	11.0345	6.9663	0.5272		
15:26:03	11.1624	6.886	0.5457		
15:26:13	11.1797	6.9145	0.4493		
15:26:23	11.05	7.0229	0.457		
15:26:33	10.8917	7.1437	0.3207		
15:26:43	10.7274	7.246	0.3558		
15:26:53	10.6608	7.2591	0.4481		
15:27:03	10.7179	7.1823	0.435		
15:27:13	10.825	7.1086	0.4933		
15:27:23	10.9315	7.0318	0.4505		
15:27:33	10.9964	7.0157	0.4481		
15:27:43	10.9434	7.0806	0.4885		
15:27:53	10.8042	7.1734	0.3511		
15:28:03	10.653	7.2716	0.4082		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
15:28:13	10.5352	7.3395	0.3909		
15:28:23	10.4721	7.3758	0.4427		
15:28:33	10.5406	7.296	0.4255		
15:28:43	10.703	7.1681	0.3166		
15:28:53	10.8786	7.0556	0.1458		
15:29:03	10.9815	7.0324	0.3451		
15:29:13	10.9298	7.1127	0.3499		
15:29:23	10.8095	7.2192	0.3636		
15:29:33	10.6322	7.3585	0.316		
15:29:43	10.4816	7.4543	0.288		
15:29:53	10.4168	7.4692	0.3778		
15:30:03	10.5138	7.3591	0.4243		
15:30:13	10.6935	7.227	0.4445		
15:30:23	10.8917	7.0842	0.2624		
15:30:33	10.9756	7.0663	0.2225		
15:30:43	10.9411	7.1228	0.213		
15:30:53	10.806	7.2276	0.1452		
15:31:03	10.6667	7.3276	0.1553		
15:31:13	10.5501	7.3883	0.2588		
15:31:23	10.4989	7.4275	0.2559		
15:31:33	10.4739	7.4537	0.3814		
15:31:43	10.5066	7.4359	0.3832		
15:31:53	10.5578	7.4257	0.3737		
15:32:03	10.5923	7.4371	0.4362		
15:32:13	10.6114	7.4478	0.4981		
15:32:23	10.5864	7.4734	0.4124		
15:32:33	10.5501	7.5049	0.4475		
15:32:43	10.5043	7.5186	0.3475		
15:32:53	10.4989	7.5204	0.2344		
15:33:03	10.4608	7.5507	0.2826		
15:33:13	10.4721	7.5341	0.2814		
15:33:23	10.5138	7.4864	0.2832		
15:33:33	10.6286	7.3906	0.2701		
15:33:43	10.7447	7.2972	0.3398		
15:33:53	10.8423	7.2317	0.2023		
15:34:03	10.8595	7.2502	0.1797		
15:34:13	10.7679	7.3383	0.2707		
15:34:23	10.6495	7.4186	0.2559		
15:34:33	10.512	7.5085	0.3064		
15:34:43	10.4626	7.5305	0.3624		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
15:34:53	10.5084	7.4609	0.3814		
15:35:03	10.6608	7.3508	0.3588		
15:35:13	10.8042	7.249	0.4463		
15:35:23	10.9244	7.1806	0.3064		
15:35:33	10.9411	7.221	0.3909		
15:35:43	10.8232	7.3043	0.4445		
15:35:53	10.6399	7.4519	0.3654		
15:36:03	10.4263	7.5602	0.3719		
15:36:13	10.3347	7.5971	0.3177		
15:36:23	10.3823	7.5192	0.2892		
15:36:33	10.537	7.4103	0.2529		
15:36:43	10.6858	7.2972	0.3529		
15:36:53	10.7982	7.2508	0.3749		
15:37:03	10.7869	7.3002	0.3017		
15:37:13	10.6554	7.3966	-0.0018		
15:37:23	10.5138	7.4757	0.2088		
15:37:33	10.415	7.5108	0.2612		
15:37:43	10.371	7.5019	0.2594		
15:37:53	10.4566	7.4138	0.3606		
15:38:03	10.5905	7.3073	0.2243		
15:38:13	10.7447	7.2056	0.194		
15:38:23	10.8286	7.1722	0.3451		
15:38:33	10.7982	7.2347	0.2612		
15:38:43	10.6876	7.321	0.3636		
15:38:53	10.5656	7.4061	0.5028		
15:39:03	10.4739	7.4609	0.4701		
15:39:13	10.4453	7.4537	0.5034		
15:39:23	10.5751	7.343	0.5391		
15:39:33	10.7066	7.2567	0.5808		
15:39:43	10.8381	7.1734	0.6248		
15:39:53	10.9071	7.1591	0.657		
<b>Start Run 1B</b>					
15:40:03	10.8113	7.2645	0.5838		0.5838
15:40:13	10.6512	7.3817	0.6468		0.6468
15:40:23	10.4608	7.4995	0.7194		0.7194
15:40:33	10.371	7.5299	0.5629		0.5629
15:40:43	10.365	7.5138	0.4963		0.4963
15:40:53	10.4626	7.4317	0.7165		0.7165
15:41:03	10.6096	7.324	0.576		0.576

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
15:41:13	10.7411	7.2436	0.679	0.679
15:41:23	10.7828	7.2585	0.6058	0.6058
15:41:33	10.7369	7.3168	0.5207	0.5207
15:41:43	10.6364	7.4204	0.3856	0.3856
15:41:53	10.4912	7.5186	0.4082	0.4082
15:42:03	10.3692	7.5775	0.2987	0.2987
15:42:13	10.3388	7.5668	0.2957	0.2957
15:42:23	10.3406	7.5561	0.3415	0.3415
15:42:33	10.3942	7.5126	0.3594	0.3594
15:42:43	10.4549	7.4751	0.2005	0.2005
15:42:53	10.4989	7.4573	0.0565	0.0565
15:43:03	10.4816	7.4674	0.0422	0.0422
15:43:13	10.4662	7.471	0.0154	0.0154
15:43:23	10.4531	7.4763	0.0261	0.0261
15:43:33	10.4227	7.487	0.1344	0.1344
15:43:43	10.4132	7.4912	0.2005	0.2005
15:43:53	10.415	7.4918	0.1279	0.1279
15:44:03	10.3805	7.5239	0.1124	0.1124
15:44:13	10.3596	7.5293	0.0678	0.0678
15:44:23	10.3674	7.5043	-0.1708	-0.1708
15:44:33	10.4644	7.4216	-0.1179	-0.1179
15:44:43	10.5769	7.3317	-0.1173	-0.1173
15:44:53	10.6989	7.2502	-0.103	-0.103
15:45:03	10.7369	7.2555	-0.1667	-0.1667
15:45:13	10.678	7.3246	-0.1631	-0.1631
15:45:23	10.5542	7.4168	-0.1143	-0.1143
15:45:33	10.4245	7.5025	-0.2643	-0.2643
15:45:43	10.3388	7.5287	-0.1018	-0.1018
15:45:53	10.3596	7.471	-0.0917	-0.0917
15:46:03	10.5043	7.3573	-0.1518	-0.1518
15:46:13	10.6649	7.2436	-0.122	-0.122
15:46:23	10.7923	7.1615	-0.1869	-0.1869
15:46:33	10.8328	7.1621	-0.2238	-0.2238
15:46:43	10.7584	7.2407	-0.0744	-0.0744
15:46:53	10.6114	7.3531	-0.1363	-0.1363
15:47:03	10.4584	7.4478	-0.1441	-0.1441
15:47:13	10.3614	7.5204	-0.2137	-0.2137
15:47:23	10.287	7.5602	-0.2738	-0.2738
15:47:33	10.2698	7.5757	-0.2863	-0.2863
15:47:43	10.287	7.5775	-0.3309	-0.3309

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
15:47:53	10.262	7.6352	-0.244	-0.244
15:48:03	10.1383	7.7566	-0.1708	-0.1708
15:48:13	9.9306	7.9197	-0.1714	-0.1714
15:48:23	9.6997	8.0643	-0.2536	-0.2536
15:48:33	9.5336	8.1411	-0.2553	-0.2553
15:48:43	9.4842	8.1577	-0.2393	-0.2393
15:48:53	9.5372	8.0917	-0.303	-0.303
15:49:03	9.6538	8.0238	-0.3327	-0.3327
15:49:13	9.7568	7.9756	-0.4178	-0.4178
15:49:23	9.8294	7.9441	-0.4672	-0.4672
15:49:33	9.8026	8.0018	-0.5237	-0.5237
15:49:43	9.6669	8.1167	-0.5761	-0.5761
15:49:53	9.5051	8.2333	-0.6463	-0.6463
15:50:03	9.3735	8.3119	-0.6809	-0.6809
15:50:13	9.3355	8.3244	-0.763	-0.763
15:50:23	9.4098	8.2434	-0.5904	-0.5904
15:50:33	9.5372	8.1726	-0.7344	-0.7344
15:50:43	9.6824	8.0762	-0.7493	-0.7493
15:50:53	9.7741	8.0357	-0.7886	-0.7886
15:51:03	9.7741	8.0566	-0.779	-0.779
15:51:13	9.7205	8.1006	-0.4952	-0.4952
15:51:23	9.608	8.2059	-0.5053	-0.5053
15:51:33	9.4247	8.316	-0.4452	-0.4452
15:51:43	9.345	8.3589	-0.5386	-0.5386
15:51:53	9.3866	8.2946	-0.5809	-0.5809
15:52:03	9.4342	8.2708	-0.4624	-0.4624
15:52:13	9.4307	8.2821	-0.4529	-0.4529
15:52:23	9.3849	8.3547	-0.4845	-0.4845
15:52:33	9.2266	8.4975	-0.3595	-0.3595
15:52:43	9.1159	8.5797	-0.2649	-0.2649
15:52:53	9.6788	7.8709	-0.206	-0.206
15:53:03	9.5735	8.3595	-0.0369	-0.0369
15:53:13	9.1444	8.5898	0.3683	0.3683
15:53:23	9.173	8.5594	0.5219	0.5219
15:53:33	9.2551	8.4755	0.5772	0.5772
15:53:43	9.4438	8.3482	0.7153	0.7153
15:53:53	9.5527	8.297	0.8051	0.8051
15:54:03	9.5812	8.3291	0.9093	0.9093
15:54:13	9.5449	8.3619	0.6962	0.6962
15:54:23	9.4652	8.4464	0.6944	0.6944



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
15:54:33	9.3789	8.4958	0.7421	0.7421
15:54:43	9.364	8.488	0.8777	0.8777
15:54:53	9.4057	8.3755	0.9617	0.9617
15:55:03	9.442	8.3279	1.0997	1.0997
15:55:13	9.5908	8.2327	1.0825	1.0825
15:55:23	9.6366	8.2488	1.0366	1.0366
15:55:33	9.6461	8.2428	0.842	0.842
15:55:43	9.6806	8.2137	0.7325	0.7325
15:55:53	9.614	8.2791	0.7718	0.7718
15:56:03	9.5354	8.322	0.7421	0.7421
15:56:13	9.5241	8.2982	0.7183	0.7183
15:56:23	9.5848	8.2375	0.7575	0.7575
15:56:33	9.6402	8.1958	0.6802	0.6802
15:56:43	9.686	8.178	0.729	0.729
15:56:53	9.6366	8.2405	0.698	0.698
15:57:03	9.5223	8.3107	0.6629	0.6629
15:57:13	9.5414	8.2363	0.4743	0.4743
15:57:23	9.5146	8.2714	0.5897	0.5897
15:57:33	9.4307	8.3434	0.6153	0.6153
15:57:43	9.4039	8.3416	0.5772	0.5772
15:57:53	9.4801	8.2565	0.5582	0.5582
15:58:03	9.6271	8.1506	0.5897	0.5897
15:58:13	9.755	8.0661	0.5992	0.5992
15:58:23	9.8806	7.978	0.6284	0.6284
15:58:33	9.999	7.8792	0.601	0.601
15:58:43	10.1704	7.7537	0.5867	0.5867
15:58:53	10.3769	7.5936	0.6706	0.6706
15:59:03	10.581	7.4585	0.4749	0.4749
15:59:13	10.7602	7.3222	0.6088	0.6088
15:59:23	10.9149	7.227	0.6028	0.6028
15:59:33	10.9643	7.2222	0.6409	0.6409
15:59:43	10.9107	7.2782	0.7069	0.7069
15:59:53	10.7524	7.4043	0.7266	0.7266
16:00:03	10.5578	7.5293	0.745	0.745
16:00:13	10.4263	7.5745	0.7087	0.7087
16:00:23	10.3424	7.5971	0.72	0.72
16:00:33	10.3269	7.5894	0.7629	0.7629
16:00:43	10.3311	7.5811	0.5409	0.5409
16:00:53	10.2739	7.6489	0.5522	0.5522
16:01:03	10.121	7.7626	0.4481	0.4481

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
16:01:13	9.8847	7.9322	0.4272	0.4272
16:01:23	9.6693	8.0566	0.2975	0.2975
16:01:33	9.5562	8.1036	0.0898	0.0898
16:01:43	9.589	8.0536	0.1767	0.1767
16:01:53	9.6919	7.9762	0.2178	0.2178
16:02:03	9.8062	7.9102	0.1291	0.1291
16:02:13	9.8062	7.9548	0.11	0.11
16:02:23	9.6824	8.0494	0.1214	0.1214
16:02:33	9.5372	8.1304	0.1172	0.1172
16:02:43	9.5033	8.1185	0.1719	0.1719
16:02:53	9.5735	8.0435	0.2481	0.2481
16:03:03	9.6979	7.9596	0.3166	0.3166
16:03:13	9.7508	7.9619	0.2374	0.2374
16:03:23	9.6521	8.0679	0.2338	0.2338
16:03:33	9.4819	8.194	0.2814	0.2814
16:03:43	9.3313	8.2982	0.2927	0.2927
16:03:53	9.198	8.4237	0.3719	0.3719
16:04:03	9.1331	8.4898	0.3273	0.3273
16:04:13	9.0718	8.5755	0.3874	0.3874
16:04:23	9.0587	8.5934	0.2737	0.2737
16:04:33	9.1028	8.5678	0.3761	0.3761
16:04:43	9.2682	8.4273	0.2862	0.2862
16:04:53	9.4438	8.2994	0.1648	0.1648
16:05:03	9.5753	8.2363	-0.0048	-0.0048
16:05:13	9.5985	8.2643	0.1041	0.1041
16:05:23	9.5396	8.3291	0.1059	0.1059
16:05:33	9.4497	8.4148	0.1469	0.1469
16:05:43	9.3277	8.5023	0.0708	0.0708
16:05:53	9.2611	8.535	0.3213	0.3213
16:06:03	9.2819	8.4654	-0.0363	-0.0363
16:06:13	9.4461	8.3202	0.0821	0.0821
16:06:23	9.6175	8.1958	0.1327	0.1327
16:06:33	9.7604	8.1185	-0.0131	-0.0131
16:06:43	9.8181	8.1119	0.0898	0.0898
16:06:53	9.7776	8.1673	-0.0114	-0.0114
16:07:03	9.6919	8.219	-0.075	-0.075
16:07:13	9.6116	8.2452	-0.1857	-0.1857
16:07:23	9.5967	8.2411	-0.1774	-0.1774
16:07:33	9.6116	8.1863	-0.3119	-0.3119
16:07:43	9.73	8.0875	-0.2518	-0.2518

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
16:07:53	9.8467	8.0054	-0.2565	-0.2565
16:08:03	9.8865	8.006	-0.3125	-0.3125
16:08:13	9.8389	8.0655	-0.5386	-0.5386
16:08:23	9.7568	8.1244	-0.5827	-0.5827
16:08:33	9.6461	8.2149	-0.5178	-0.5178
16:08:43	9.5318	8.2815	-0.6463	-0.6463
16:08:53	9.4592	8.3214	-0.5499	-0.5499
16:09:03	9.5069	8.2488	-0.5624	-0.5624
16:09:13	9.6348	8.1536	-0.4404	-0.4404
16:09:23	9.7604	8.0685	-0.3726	-0.3726
16:09:33	9.8389	8.0506	-0.3119	-0.3119
16:09:43	9.7967	8.1048	-0.3577	-0.3577
16:09:53	9.7223	8.1548	-0.3327	-0.3327
16:10:03	9.6443	8.2291	-0.4398	-0.4398
16:10:13	9.5777	8.2791	-0.4851	-0.4851
16:10:23	9.5277	8.294	-0.6606	-0.6606
16:10:33	9.5985	8.219	-0.5589	-0.5589
16:10:43	9.7223	8.1173	-0.5749	-0.5749
16:10:53	9.8752	8.0101	-0.5815	-0.5815
16:11:03	9.9574	7.9738	-0.5981	-0.5981
16:11:13	9.9627	7.9834	-0.7189	-0.7189
16:11:23	9.8925	8.0506	-0.6713	-0.6713
16:11:33	9.7871	8.1066	-0.6332	-0.6332
16:11:43	9.7205	8.1167	-0.7975	-0.7975
16:11:53	9.7092	8.1107	-0.6874	-0.6874
16:12:03	9.6901	8.1196	-0.6725	-0.6725
16:12:13	9.6669	8.128	-0.6963	-0.6963
16:12:23	9.6044	8.1726	-0.8528	-0.8528
16:12:33	9.5562	8.1815	-0.785	-0.785
16:12:43	9.5604	8.1548	-0.8975	-0.8975
16:12:53	9.6806	8.056	-0.9058	-0.9058
16:13:03	9.7913	7.9703	-0.8885	-0.8885
16:13:13	9.902	7.9102	-1.0641	-1.0641
16:13:23	9.9496	7.8983	-1.0147	-1.0147
16:13:33	9.9038	7.9566	-0.9891	-0.9891
16:13:43	9.8044	8.0274	-0.9915	-0.9915
16:13:53	9.6592	8.1256	-0.9992	-0.9992
16:14:03	9.5658	8.1756	-0.9534	-0.9534
16:14:13	9.5301	8.1631	-0.8957	-0.8957
16:14:23	9.6348	8.0649	-0.9498	-0.9498

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:14:33	9.7645	7.9792	-0.9969		-0.9969
16:14:43	9.858	7.925	-0.9736		-0.9736
16:14:53	9.902	7.9875	-1.095		-1.095
16:15:03	9.858	7.9721	-1.1212		-1.1212
16:15:13	9.7627	8.047	-1.1813		-1.1813
16:15:23	9.6634	8.1143	-1.1206		-1.1206
16:15:33	9.6044	8.1292	-1.1694		-1.1694
16:15:43	9.6425	8.0613	-1.1712		-1.1712
16:15:53	9.7818	7.9667	-1.0623		-1.0623
16:16:03	9.902	7.8816	-1.0349		-1.0349
16:16:13	9.9913	7.8376	-1.0826		-1.0826
16:16:23	9.9931	7.8614	-1.0177		-1.0177
16:16:33	9.9264	7.9108	-1.0689		-1.0689
16:16:43	9.8502	7.9685	-1.0302		-1.0302
16:16:53	9.7627	8.0107	-0.951		-0.951
16:17:03	9.7092	8.028	-0.9118		-0.9118
16:17:13	9.7282	7.9792	-0.8487		-0.8487
16:17:23	9.8312	7.8995	-0.9487		-0.9487
16:17:33	9.9324	7.8269	-0.929		-0.929
16:17:43	10.0163	7.787	-0.7999		-0.7999
16:17:53	9.98	7.8542	-0.7945		-0.7945
16:18:03	9.8865	7.9262	-0.7963		-0.7963
16:18:13	9.7985	7.9994	-0.7856		-0.7856
16:18:23	9.6788	8.0899	-0.9308		-0.9308
16:18:33	9.5753	8.1417	-0.9487		-0.9487
16:18:43	9.5848	8.0952	-1.026		-1.026
16:18:53	9.6634	8.0334	-1.0718		-1.0718
16:19:03	9.7723	7.959	-1.0879		-1.0879
16:19:13	9.8502	7.9441	-1.0516		-1.0516
16:19:23	9.8312	7.9887	-1.17		-1.17
16:19:33	9.7508	8.0441	-1.0718		-1.0718
16:19:43	9.6592	8.1298	-1.1522		-1.1522
16:19:53	9.5812	8.1649	-1.1986		-1.1986
16:20:03	9.5604	8.1762	-1.1885		-1.1885
16:20:13	9.6235	8.1066	-1.2968		-1.2968
16:20:23	9.7473	8.0107	-1.2557		-1.2557
16:20:33	9.8752	7.9322	-1.2968		-1.2968
16:20:43	9.9514	7.9001	-1.295		-1.295
16:20:53	9.9282	7.9506	-1.2885		-1.2885
16:21:03	9.8467	8.0161	-1.1718		-1.1718

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:21:13	9.7627	8.0845	-1.1319		-1.1319
16:21:23	9.6652	8.1435	-1.2123		-1.2123
16:21:33	9.6211	8.1387	-1.2932		-1.2932
16:21:43	9.7092	8.0566	-1.2581		-1.2581
16:21:53	9.8199	7.9685	-1.292		-1.292
16:22:03	9.9359	7.8911	-1.173		-1.173
16:22:13	9.9931	7.8828	-1.2272		-1.2272
16:22:23	9.974	7.9108	-1.1599		-1.1599
16:22:33	9.9246	7.9542	-1.1349		-1.1349
16:22:43	9.8348	8.0274	-1.1891		-1.1891
16:22:53	9.7871	8.0351	-1.1522		-1.1522
16:23:03	9.7949	7.9685	-1.1617		-1.1617
16:23:13	9.9133	7.9048	-1.1843		-1.1843
16:23:23	10.0579	7.828	-1.2284		-1.2284
16:23:33	10.2013	7.7382	-1.1349		-1.1349
16:23:43	10.2698	7.7287	-1.0748		-1.0748
16:23:53	10.2317	7.7864	-1.1022		-1.1022
16:24:03	10.1305	7.8709	-1.1825		-1.1825
16:24:13	10.0008	7.9483	-1.2819		-1.2819
16:24:23	9.9282	7.9857	-1.151		-1.151
16:24:33	9.9377	7.9435	-1.0814		-1.0814
16:24:43	10.0698	7.8382	-1.0861		-1.0861
16:24:53	10.2204	7.7293	-1.1433		-1.1433
16:25:03	10.3442	7.6674	-1.1587		-1.1587
16:25:13	10.3787	7.6757	-1.2777		-1.2777
16:25:23	10.3216	7.7406	-1.2902		-1.2902
16:25:33	10.1877	7.8435	-1.2855		-1.2855
16:25:43	10.0389	7.9298	-1.2462		-1.2462
16:25:53	9.9609	7.9602	-1.2539		-1.2539
16:26:03	10.005	7.8887	-1.1909		-1.1909
16:26:13	10.121	7.8108	-1.0147		-1.0147
16:26:23	10.243	7.7239	-0.8689		-0.8689
16:26:33	10.3079	7.7114	-0.6648		-0.6648
16:26:43	10.268	7.7667	-0.4244		-0.4244
16:26:53	10.1936	7.8263	0.0345		0.0345
16:27:03	10.0811	7.906	0.8611		0.8611
16:27:13	9.98	7.9655	1.5853		1.5853
16:27:23	9.9306	7.9965	2.1977		2.1977
16:27:33	9.9133	7.9965	2.8023		2.8023
16:27:43	9.9169	7.9965	3.2076		3.2076

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:27:53	9.9282	7.9816	3.8587		3.8587
16:28:03	9.9151	8.003	4.3437		4.3437
16:28:13	9.9246	7.9869	4.6555		4.6555
16:28:23	9.955	7.9489	5.0013		5.0013
16:28:33	10.0639	7.8346	5.4089		5.4089
16:28:43	10.1877	7.759	5.5488		5.5488
16:28:53	10.2906	7.69	5.8874		5.8874
16:29:03	10.2888	7.7221	6.101		6.101
16:29:13	10.2031	7.7935	6.1546		6.1546
16:29:23	10.0752	7.8816	6.229		6.229
16:29:33	9.9437	7.9613	6.1974		6.1974
16:29:43	9.8788	7.956	6.201		6.201
16:29:53	9.9704	7.8774	6.3117		6.3117
16:30:03	10.1061	7.7727	6.2546		6.2546
16:30:13	10.243	7.706	6.2558		6.2558
16:30:23	10.2835	7.7144	6.1498		6.1498
16:30:33	10.224	7.781	5.9362		5.9362
16:30:43	10.1002	7.8721	6.0219		6.0219
16:30:53	9.999	7.9358	6.0754		6.0754
16:31:03	10.0067	7.8899	5.9296		5.9296
16:31:13	10.1133	7.8048	5.9249		5.9249
16:31:23	10.2525	7.7055	5.8189		5.8189
16:31:33	10.346	7.6727	5.7214		5.7214
16:31:43	10.3251	7.7245	5.6345		5.6345
16:31:53	10.2127	7.8197	5.6297		5.6297
16:32:03	10.0889	7.9018	5.6845		5.6845
16:32:13	9.9954	7.9542	5.6327		5.6327
16:32:23	9.9764	7.9298	5.5613		5.5613
16:32:33	10.0448	7.8685	5.4155		5.4155
16:32:43	10.1609	7.7816	5.397		5.397
16:32:53	10.249	7.7531	5.2845		5.2845
16:33:03	10.2567	7.7751	5.2131		5.2131
16:33:13	10.1555	7.8757	5.2762		5.2762
16:33:23	10.0067	7.9834	5.3905		5.3905
16:33:33	9.883	8.0518	5.4613		5.4613
16:33:43	9.8961	8.003	5.4536		5.4536
16:33:53	9.9972	7.9227	5.2875		5.2875
16:34:03	10.1192	7.8465	5.3304		5.3304
16:34:13	10.2067	7.8019	5.3476		5.3476
16:34:23	10.2091	7.8292	5.4		5.4

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:34:33	10.1037	7.9262	5.3732		5.3732
16:34:43	9.9496	8.0274	5.1596		5.1596
16:34:53	9.8752	8.0411	5.1929		5.1929
16:35:03	9.9401	7.9602	5.0864		5.0864
16:35:13	10.0603	7.8655	5.1066		5.1066
16:35:23	10.2013	7.7644	4.9548		4.9548
16:35:33	10.249	7.7548	4.7222		4.7222
16:35:43	10.2127	7.7911	4.6365		4.6365
16:35:53	10.0811	7.9024	4.5621		4.5621
16:36:03	9.9377	7.9709	4.5859		4.5859
16:36:13	9.8847	7.9631	4.4395		4.4395
16:36:23	9.9687	7.884	4.3377		4.3377
16:36:33	10.0984	7.7858	4.186		4.186
16:36:43	10.2186	7.7245	4.0259		4.0259
16:36:53	10.2376	7.7382	3.9134		3.9134
16:37:03	10.1877	7.7888	3.9069		3.9069
16:37:13	10.0639	7.8834	3.8378		3.8378
16:37:23	9.9419	7.9512	3.4337		3.4337
16:37:33	9.9187	7.9155	3.5058		3.5058
16:37:43	9.9972	7.8518	3.4814		3.4814
16:37:53	10.1323	7.7584	3.423		3.423
16:38:03	10.2394	7.6995	3.3802		3.3802
16:38:13	10.3097	7.6935	3.2778		3.2778
16:38:23	10.2186	7.8072	3.1142		3.1142
16:38:33	10.0674	7.9054	2.9957		2.9957
16:38:43	9.999	7.9185	3.1415		3.1415
16:38:53	10.1097	7.7888	3.1618		3.1618
16:39:03	10.3156	7.6251	3.113		3.113
16:39:13	10.5406	7.4668	3.235		3.235
16:39:23	10.6917	7.3889	3.3266		3.3266
16:39:33	10.7161	7.4002	3.2998		3.2998
16:39:43	10.6459	7.465	2.9434		2.9434
16:39:53	10.5715	7.5132	2.969		2.969
16:40:03	10.5066	7.5537	2.994		2.994
16:40:13	10.531	7.4966	3.0511		3.0511
16:40:23	10.6495	7.3787	3.032		3.032
16:40:33	10.8268	7.2484	2.994		2.994
16:40:43	10.947	7.1841	2.9321		2.9321
16:40:53	10.9661	7.1978	2.91		2.91
16:41:03	10.8899	7.2704	2.8648		2.8648

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	16:41:13	10.7792	7.3424	2.7666	2.7666
	16:41:23	10.6858	7.396	2.7375	2.7375
	16:41:33	10.6459	7.4013	2.7517	2.7517
	16:41:43	10.6495	7.3865	2.7029	2.7029
	16:41:53	10.684	7.3609	2.8565	2.8565
	16:42:03	10.7256	7.3347	2.7761	2.7761
	16:42:13	10.7566	7.3258	2.6173	2.6173
	16:42:23	10.7506	7.3466	2.6869	2.6869
	16:42:33	10.6745	7.421	2.5274	2.5274
	16:42:43	10.6001	7.4841	2.5363	2.5363
	16:42:53	10.5542	7.5406	2.4863	2.4863
	16:43:03	10.4947	7.6001	2.4447	2.4447
	16:43:13	10.4626	7.643	2.4131	2.4131
	16:43:23	10.4584	7.6721	2.2995	2.2995
	16:43:33	10.493	7.6721	2.2388	2.2388
	16:43:43	10.5215	7.6656	2.2167	2.2167
	16:43:53	10.5542	7.6697	2.7708	2.7708
<b>Start Calibration</b>					
	16:44:03	10.6816	7.0972	2.3471	
	16:44:13	12.8793	0.6855	1.8627	
	16:44:23	1.9799	0.3737	1.8543	
	16:44:33	0.3624	0.2636	1.8359	
	16:44:43	0.1469	0.2053	1.7359	
	16:44:53	0.1011	0.1916	1.6484	
	16:45:03	0.0803	0.1797	1.6389	
	16:45:13	0.063	0.1678	1.6169	
	16:45:23	0.0517	0.1636	1.6157	
	16:45:33	0.0404	0.1541	1.6062	
	16:45:43	0.0309	0.1475	1.5978	
	16:45:53	0.0232	0.1446	1.6234	
	16:46:03	0.0154	0.141	1.605	
	16:46:13	0.0077	0.1303	1.5508	
	16:46:23	0.0041	0.1285	1.3812	
	16:46:33	0.0017	0.1261	1.6817	
	16:46:43	4.0937	5.3768	2.7642	
	16:46:53	5.8047	1.7651	11.3332	
	16:47:03	16.9728	0.2243	12.1563	
	16:47:13	19.563	0.1672	12.1628	
	16:47:23	19.845	0.1475	12.2967	



				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
16:47:33	19.9251	0.1339	12.367		
16:47:43	19.9749	0.1237	12.4884		
16:47:53	20.0072	0.1178	12.4634		
16:48:03	20.0303	0.1112	12.3033		
16:48:13	20.0495	0.1077	12.2527		
16:48:23	20.0605	0.1041	12.2134		
16:48:33	20.0681	0.1041	12.2824		
<b>THC Mid Bias</b>	<b>20.05937</b>	<b>0.1053</b>	<b>12.2495</b>		
16:48:43	20.0761	0.1053	12.1593		
16:48:53	20.0797	0.1023	12.1771		
16:49:03	20.0837	0.0999	12.0771		
16:49:13	20.0837	0.0976	6.5611		
16:49:23	18.8495	3.0558	7.3674		
16:49:33	14.695	2.2905	1.3651		
16:49:43	4.4181	0.21	0.6564		
16:49:53	0.6105	0.1434	0.6712		
16:50:03	0.2707	0.122	0.6897		
16:50:13	0.1755	0.11	0.4028		
16:50:23	0.1202	0.1023	0.2422		
16:50:33	0.0821	0.1059	0.1118		
16:50:43	0.0517	0.094	0.0565		
16:50:53	0.0363	0.0922	0.0809		
16:51:03	0.0309	0.0892	0.1452		
16:51:13	0.0232	0.0862	0.0696		
16:51:23	0.0154	0.0839	-0.0602		
16:51:33	0.0136	0.0815	-0.0239		
16:51:43	0.0095	0.0803	-0.0584		
16:51:53	0.0077	0.0785	-0.1161		
16:52:03	0.0059	0.0773	-0.084		
16:52:13	0.0017	0.0749	-0.0893		
16:52:23	0.0041	0.0743	-0.1488		
16:52:33	0.0017	0.0732	-0.0846		
16:52:43	0.0017	0.0726	-0.181		
<b>Zero Bias</b>	<b>0.0025</b>	<b>0.073367</b>	<b>-0.13813</b>		
16:52:53	0.0017	0.0797	-0.0619		
16:53:03	0.5552	1.3509	0.4082		
16:53:13	8.5987	7.127	0.4772		
16:53:23	10.1174	7.1972	0.4939		

	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	(%)	(%)	(ppm )		
16:53:33	10.4644	7.1478	0.4272		
16:53:43	10.6459	7.105	0.4939		
16:53:53	10.6876	7.177	0.3874		
16:54:03	10.6019	7.2776	0.3778		
16:54:13	10.4358	7.4216	0.4427		
16:54:23	10.3025	7.4942	0.46		
<b>Resume Run 1B</b>					
16:54:33	10.268	7.4989	0.4052	1.2663216	1.266322
16:54:43	10.3745	7.4103	0.4635	1.3287712	1.328771
16:54:53	10.531	7.3002	0.5064	1.3747248	1.374725
16:55:03	10.6798	7.2181	0.5611	1.4333182	1.433318
16:55:13	10.7661	7.1853	0.4635	1.3287712	1.328771
16:55:23	10.7084	7.2758	0.4731	1.3390545	1.339055
16:55:33	10.5465	7.3805	0.4034	1.2643935	1.264393
16:55:43	10.3918	7.4805	0.3713	1.2300087	1.230009
16:55:53	10.2603	7.5454	0.3862	1.2459692	1.245969
16:56:03	10.2091	7.5394	0.3207	1.1758071	1.175807
16:56:13	10.3311	7.424	0.2469	1.0967542	1.096754
16:56:23	10.5138	7.2895	0.166	1.010096	1.010096
16:56:33	10.6935	7.1895	0.1648	1.0088105	1.008811
16:56:43	10.7679	7.1704	0.0934	0.9323285	0.932328
16:56:53	10.7334	7.2377	0.1327	0.9744257	0.974426
16:57:03	10.6227	7.3347	0.144	0.98653	0.98653
16:57:13	10.5138	7.4025	0.0928	0.9316858	0.931686
16:57:23	10.4721	7.4156	0.0964	0.935542	0.935542
16:57:33	10.4894	7.4073	0.0696	0.9068344	0.906834
16:57:43	10.5066	7.4049	0.0279	0.8621663	0.862166
16:57:53	10.5257	7.3668	0.047	0.8826258	0.882626
16:58:03	10.5673	7.3787	0.0095	0.8424567	0.842457
16:58:13	10.562	7.3841	0.066	0.9029782	0.902978
16:58:23	10.5501	7.3972	-0.0149	0.81632	0.81632
16:58:33	10.5786	7.349	-0.0268	0.8035729	0.803573
16:58:43	10.6322	7.2996	-0.0334	0.7965032	0.796503
16:58:53	10.7203	7.2323	-0.0941	0.7314827	0.731483
16:59:03	10.7697	7.2186	-0.0369	0.7927541	0.792754
16:59:13	10.7256	7.2799	-0.0256	0.8048584	0.804858
16:59:23	10.6191	7.3561	-0.0036	0.8284243	0.828424
16:59:33	10.4721	7.4722	-0.0018	0.8303524	0.830352
16:59:43	10.3251	7.5537	-0.078	0.7487287	0.748729

24 hour time	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
	(%)	(%)	(ppm )		
16:59:53	10.287	7.5561	-0.2863	0.5256024	0.525602
17:00:03	10.3942	7.4543	-0.3756	0.4299463	0.429946
17:00:13	10.5673	7.3329	-0.2661	0.5472402	0.54724
17:00:23	10.7334	7.221	-0.3518	0.4554403	0.45544
17:00:33	10.8441	7.1776	-0.3946	0.4095939	0.409594
17:00:43	10.8113	7.2425	-0.4339	0.3674966	0.367497
17:00:53	10.6703	7.3561	-0.3869	0.417842	0.417842
17:01:03	10.4703	7.487	-0.3797	0.4255544	0.425554
17:01:13	10.3079	7.5614	-0.3643	0.4420506	0.442051
17:01:23	10.2525	7.5745	-0.3155	0.494324	0.494324
17:01:33	10.3174	7.4942	-0.3059	0.5046073	0.504607
17:01:43	10.4608	7.3865	-0.4755	0.3229356	0.322936
17:01:53	10.6269	7.2597	-0.394	0.4102366	0.410237
17:02:03	10.7542	7.2085	-0.4654	0.3337545	0.333755
17:02:13	10.7274	7.2728	-0.4226	0.3796009	0.379601
17:02:23	10.6054	7.3704	-0.4797	0.3184367	0.318437
17:02:33	10.4299	7.4906	-0.5196	0.2756967	0.275697
17:02:43	10.3174	7.543	-0.4321	0.3694247	0.369425
17:02:53	10.3025	7.5263	-0.4136	0.3892415	0.389242
17:03:03	10.4037	7.4311	-0.4529	0.3471442	0.347144
17:03:13	10.5483	7.3216	-0.4327	0.368782	0.368782
17:03:23	10.7203	7.2085	-0.497	0.2999053	0.299905
17:03:33	10.8095	7.1841	-0.5017	0.2948708	0.294871
17:03:43	10.7542	7.2514	-0.4904	0.3069751	0.306975
17:03:53	10.6322	7.343	-0.497	0.2999053	0.299905
17:04:03	10.4816	7.4341	-0.5148	0.2808384	0.280838
17:04:13	10.384	7.4817	-0.4309	0.3707101	0.37071
17:04:23	10.3632	7.4591	-0.5226	0.2724832	0.272483
17:04:33	10.4703	7.3746	-0.494	0.3031188	0.303119
17:04:43	10.5715	7.2972	-0.4166	0.386028	0.386028
17:04:53	10.6667	7.2514	-0.4184	0.3840999	0.3841
17:05:03	10.653	7.2978	-0.4416	0.3592485	0.359249
17:05:13	10.512	7.4377	-0.466	0.3331118	0.333112
17:05:23	10.3364	7.5436	-0.5731	0.2183887	0.218389
17:05:33	10.2049	7.618	-0.4708	0.3279702	0.32797
17:05:43	10.2204	7.5549	-0.5226	0.2724832	0.272483
17:05:53	10.3364	7.4638	-0.5416	0.2521308	0.252131
17:06:03	10.4852	7.3716	-0.5446	0.2489173	0.248917
17:06:13	10.5733	7.3502	-0.5452	0.2482746	0.248275
17:06:23	10.5483	7.4133	-0.5368	0.2572725	0.257272

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:06:33	10.4073	7.5329	-0.5083	0.287801	0.287801
17:06:43	10.2793	7.6144	-0.7142	0.0672456	0.067246
17:06:53	10.1609	7.6977	-0.6749	0.1093428	0.109343
17:07:03	10.0889	7.7293	-0.641	0.1456558	0.145656
17:07:13	10.0942	7.7179	-0.66	0.1253034	0.125303
17:07:23	10.1418	7.6924	-0.6523	0.1335515	0.133551
17:07:33	10.1781	7.6805	-0.6237	0.1641871	0.164187
17:07:43	10.1954	7.6757	-0.6809	0.1029158	0.102916
17:07:53	10.2013	7.6572	-0.6273	0.1603309	0.160331
17:08:03	10.2811	7.5888	-0.594	0.1960011	0.196001
17:08:13	10.3882	7.5007	-0.7457	0.0335035	0.033503
17:08:23	10.4531	7.471	-0.6826	0.1010948	0.101095
17:08:33	10.434	7.5132	-0.7802	-0.0034521	-0.00345
17:08:43	10.3519	7.5531	-0.7445	0.0347889	0.034789
17:08:53	10.3501	7.5347	-0.8296	-0.0563683	-0.05637
17:09:03	10.3519	7.5239	-0.807	-0.0321597	-0.03216
17:09:13	10.3632	7.5132	-0.7255	0.0551413	0.055141
17:09:23	10.3406	7.5531	-0.657	0.1285169	0.128517
17:09:33	10.262	7.6138	-0.6172	0.1711498	0.17115
17:09:43	10.1728	7.6668	-0.4904	0.3069751	0.306975
17:09:53	10.1954	7.6221	-0.5571	0.2355276	0.235528
17:10:03	10.2966	7.5501	-0.5702	0.2214951	0.221495
17:10:13	10.4281	7.4531	-0.61	0.1788623	0.178862
17:10:23	10.5215	7.4287	-0.6648	0.1201617	0.120162
17:10:33	10.4686	7.4948	-0.657	0.1285169	0.128517
17:10:43	10.3614	7.571	-0.6368	0.1501547	0.150155
17:10:53	10.2739	7.5942	-0.7064	0.0756008	0.075601
17:11:03	10.2739	7.5745	-0.8118	-0.0373013	-0.0373
17:11:13	10.3156	7.5204	-0.8326	-0.0595818	-0.05958
17:11:23	10.365	7.4972	-0.8516	-0.0799342	-0.07993
17:11:33	10.3311	7.5489	-0.7743	0.0028678	0.002868
17:11:43	10.2299	7.6346	-0.8516	-0.0799342	-0.07993
17:11:53	10.1097	7.7322	-0.9147	-0.1475255	-0.14753
17:12:03	10.0317	7.7894	-0.9403	-0.1749476	-0.17495
17:12:13	10.0103	7.8144	-0.7898	-0.0137354	-0.01374
17:12:23	9.9895	7.8602	-0.7445	0.0347889	0.034789
17:12:33	9.9704	7.9108	-0.8516	-0.0799342	-0.07993
17:12:43	9.9609	7.9631	-0.8231	-0.0494056	-0.04941
17:12:53	9.9169	8.0304	-0.7665	0.011223	0.011223
17:13:03	9.8633	8.0958	-0.7612	0.0169002	0.0169

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
17:13:13	9.8276	8.1048	-0.904	-0.1360639	-0.13606
17:13:23	9.9169	8.0328	-0.7868	-0.0105219	-0.01052
17:13:33	10.0258	7.9566	-0.766	0.0117586	0.011759
17:13:43	10.1365	7.8971	-0.7493	0.0296472	0.029647
17:13:53	10.1514	7.9328	-0.7945	-0.01877	-0.01877
17:14:03	9.9972	8.0613	-0.7189	0.062211	0.062211
17:14:13	9.7871	8.1863	-0.7493	0.0296472	0.029647
17:14:23	9.6021	8.2738	-0.8094	-0.0347305	-0.03473
17:14:33	9.4973	8.3321	-0.763	0.0149721	0.014972
17:14:43	9.4991	8.2768	-0.7564	0.0220419	0.022042
17:14:53	9.6765	8.1363	-0.66	0.1253034	0.125303
17:15:03	9.8961	7.9899	-0.644	0.1424422	0.142442
17:15:13	10.0907	7.8757	-0.5356	0.2585579	0.258558
17:15:23	10.1609	7.8703	-0.4785	0.3197221	0.319722
17:15:33	10.0829	7.9536	-0.5761	0.2151752	0.215175
17:15:43	9.955	8.0167	-0.5017	0.2948708	0.294871
17:15:53	9.8199	8.0887	-0.6077	0.181326	0.181326
17:16:03	9.7395	8.1083	-0.4952	0.3018334	0.301833
17:16:13	9.7723	8.0405	-0.5827	0.2081054	0.208105
17:16:23	9.955	7.8941	-0.5303	0.2642351	0.264235
17:16:33	10.1478	7.7542	-0.7707	0.0067241	0.006724
17:16:43	10.3251	7.6513	-0.7207	0.0602829	0.060283
17:16:53	10.3882	7.6531	-0.6077	0.181326	0.181326
17:17:03	10.2888	7.7376	-0.5892	0.2011428	0.201143
17:17:13	10.127	7.8602	-0.9576	-0.193479	-0.19348
17:17:23	9.902	7.9762	-0.7344	0.0456078	0.045608
17:17:33	9.7776	8.0244	-0.7076	0.0743153	0.074315
17:17:43	9.7854	7.9572	-0.6749	0.1093428	0.109343
17:17:53	9.921	7.8477	-0.6868	0.0965958	0.096596
17:18:03	10.096	7.7185	-0.8267	-0.0532619	-0.05326
17:18:13	10.2281	7.6602	-0.8475	-0.0755424	-0.07554
17:18:23	10.2031	7.7287	-0.7802	-0.0034521	-0.00345
17:18:33	10.0371	7.856	-0.8261	-0.0526192	-0.05262
17:18:43	9.8139	8.0066	-0.7648	0.013044	0.013044
17:18:53	9.6479	8.0792	-0.8356	-0.0627954	-0.0628
17:19:03	9.5562	8.1214	-0.9534	-0.1889801	-0.18898
17:19:13	9.5908	8.0435	-0.9219	-0.155238	-0.15524
17:19:23	9.7568	7.9227	-0.8957	-0.1271731	-0.12717
17:19:33	9.9377	7.7995	-0.8153	-0.0410505	-0.04105
17:19:43	10.0371	7.7685	-0.779	-0.0021667	-0.00217

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
17:19:53	9.9913	7.8376	-0.8046	-0.0295889	-0.02959
17:20:03	9.8157	7.9679	-0.7975	-0.0219835	-0.02198
17:20:13	9.5735	8.1244	-0.7898	-0.0137354	-0.01374
17:20:23	9.3789	8.219	-0.6826	0.1010948	0.101095
17:20:33	9.2759	8.247	-0.8165	-0.0423359	-0.04234
17:20:43	9.3408	8.1488	-0.7612	0.0169002	0.0169
17:20:53	9.5164	8.0226	-0.763	0.0149721	0.014972
17:21:03	9.7015	7.9114	-0.8528	-0.0812196	-0.08122
17:21:13	9.7967	7.8947	-0.9106	-0.1431337	-0.14313
17:21:23	9.7336	7.9792	-0.8737	-0.1036072	-0.10361
17:21:33	9.5586	8.1107	-0.9344	-0.1686277	-0.16863
17:21:43	9.3045	8.2797	-0.9915	-0.2297919	-0.22979
17:21:53	9.1081	8.3958	-0.9629	-0.1991563	-0.19916
17:22:03	9.0147	8.4107	-1.032	-0.2731746	-0.27317
17:22:13	9.1123	8.3023	-1.048	-0.2903135	-0.29031
17:22:23	9.2932	8.1803	-0.9469	-0.1820174	-0.18202
17:22:33	9.4628	8.0923	-0.8885	-0.1194606	-0.11946
17:22:43	9.5491	8.078	-0.9201	-0.1533099	-0.15331
17:22:53	9.4652	8.1726	-0.7725	0.0047959	0.004796
17:23:03	9.2646	8.3214	-0.7832	-0.0066657	-0.00667
17:23:13	9.0016	8.488	-0.8029	-0.0277679	-0.02777
17:23:23	8.8356	8.5636	-0.7362	0.0436797	0.04368
17:23:33	8.7665	8.5624	-0.804	-0.0289462	-0.02895
17:23:43	8.8754	8.4386	-0.8118	-0.0373013	-0.0373
17:23:53	9.0605	8.2875	-0.7427	0.036717	0.036717
17:24:03	9.2188	8.2149	-0.763	0.0149721	0.014972
17:24:13	9.2301	8.2631	-0.7219	0.0589975	0.058998
17:24:23	9.0528	8.4434	-0.6648	0.1201617	0.120162
17:24:33	8.8052	8.6285	-0.616	0.1724352	0.172435
17:24:43	8.582	8.763	-0.6553	0.1303379	0.130338
17:24:53	8.4541	8.8421	-0.5672	0.2247087	0.224709
17:25:03	8.4654	8.7921	-0.6963	0.0864197	0.08642
17:25:13	8.6445	8.6457	-0.613	0.1756487	0.175649
17:25:23	8.8409	8.5118	-0.5838	0.2069271	0.206927
17:25:33	8.9879	8.441	-0.5214	0.2737686	0.273769
17:25:43	9.0242	8.4606	-0.4607	0.3387891	0.338789
17:25:53	8.9653	8.5309	-0.4089	0.394276	0.394276
17:26:03	8.8772	8.6231	-0.4464	0.3541069	0.354107
17:26:13	8.8124	8.6529	-0.4446	0.356035	0.356035
17:26:23	8.8374	8.6303	-0.3184	0.4912176	0.491218

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:26:33	8.9861	8.4952	-0.3387	0.4694727	0.469473
17:26:43	9.1998	8.3267	-0.2803	0.5320295	0.532029
17:26:53	9.4289	8.1815	-0.2994	0.51157	0.51157
17:27:03	9.583	8.1161	-0.2613	0.5523818	0.552382
17:27:13	9.6348	8.1101	-0.1726	0.6473953	0.647395
17:27:23	9.5967	8.1655	-0.1286	0.6945271	0.694527
17:27:33	9.4628	8.2411	-0.1869	0.6320774	0.632077
17:27:43	9.3753	8.2785	-0.1762	0.643539	0.643539
17:27:53	9.3164	8.2922	-0.3071	0.5033219	0.503322
17:28:03	9.3218	8.2696	-0.2803	0.5320295	0.532029
17:28:13	9.4152	8.1625	-0.2726	0.5402775	0.540278
17:28:23	9.5848	8.0459	-0.2089	0.6085115	0.608512
17:28:33	9.736	7.9566	-0.2619	0.5517391	0.551739
17:28:43	9.7836	7.9548	-0.0965	0.7289119	0.728912
17:28:53	9.6884	8.0578	-0.1084	0.7161649	0.716165
17:29:03	9.4461	8.2321	-0.1423	0.679852	0.679852
17:29:13	9.1807	8.413	-0.1256	0.6977406	0.697741
17:29:23	8.929	8.5565	-0.0292	0.8010021	0.801002
17:29:33	8.8028	8.6011	0.1124	0.9526808	0.952681
17:29:43	8.826	8.519	0.0279	0.8621663	0.862166
17:29:53	8.9826	8.3874	0.1196	0.9603933	0.960393
17:30:03	9.1462	8.266	0.0666	0.9036209	0.903621
17:30:13	9.3087	8.1845	0.1309	0.9724976	0.972498
17:30:23	9.339	8.2024	0.1196	0.9603933	0.960393
17:30:33	9.2248	8.3065	0.0952	0.9342566	0.934257
17:30:43	9.0147	8.4731	0.0583	0.8947301	0.89473
17:30:53	8.8183	8.5809	0.1434	0.9858873	0.985887
17:31:03	8.6963	8.641	0.0172	0.8507048	0.850705
17:31:13	8.7326	8.5523	0.0976	0.9368274	0.936827
17:31:23	8.9082	8.4029	0.0142	0.8474912	0.847491
17:31:33	9.1194	8.2464	-0.0179	0.8131064	0.813106
17:31:43	9.2837	8.1803	-0.0744	0.7525849	0.752585
17:31:53	9.3009	8.2196	-0.1316	0.6913135	0.691314
17:32:03	9.1843	8.2928	-0.1	0.7251628	0.725163
17:32:13	9.0415	8.397	-0.0953	0.7301973	0.730197
17:32:23	8.923	8.4464	-0.0459	0.7831135	0.783113
17:32:33	8.9117	8.4172	-0.0435	0.7856843	0.785684
17:32:43	9.0379	8.275	-0.0417	0.7876124	0.787612
17:32:53	9.2396	8.1387	-0.075	0.7519422	0.751942
17:33:03	9.4229	8.0345	-0.1905	0.6282212	0.628221

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
17:33:13	9.5051	8.0298	-0.1804	0.6390401	0.63904
17:33:23	9.4325	8.1113	-0.2238	0.592551	0.592551
17:33:33	9.2343	8.2512	-0.2982	0.5128554	0.512855
17:33:43	8.9445	8.4648	-0.2452	0.5696278	0.569628
17:33:53	8.7076	8.5987	-0.2786	0.5338505	0.53385
17:34:03	8.5725	8.6582	-0.1756	0.6441817	0.644182
17:34:13	8.6541	8.5475	-0.1804	0.6390401	0.63904
17:34:23	8.8165	8.4255	-0.1411	0.6811374	0.681137
17:34:33	8.9558	8.3464	-0.1804	0.6390401	0.63904
17:34:43	9.0093	8.363	-0.1708	0.6493234	0.649323
17:34:53	8.9498	8.4386	-0.1155	0.7085595	0.70856
17:35:03	8.8451	8.5297	-0.0703	0.7569767	0.756977
17:35:13	8.6695	8.6713	-0.1667	0.6537152	0.653715
17:35:23	8.5475	8.7338	-0.3119	0.4981803	0.49818
17:35:33	8.5493	8.682	-0.1649	0.6556433	0.655643
17:35:43	8.6999	8.5541	-0.1899	0.6288639	0.628864
17:35:53	8.8469	8.4523	-0.0679	0.7595476	0.759548
17:36:03	8.9498	8.3916	-0.0715	0.7556913	0.755691
17:36:13	8.9766	8.413	-0.1542	0.6671049	0.667105
17:36:23	8.8701	8.5249	-0.2553	0.5588089	0.558809
17:36:33	8.7112	8.6308	-0.1566	0.6645341	0.664534
17:36:43	8.5225	8.7445	-0.1637	0.6569288	0.656929
17:36:53	8.4237	8.7838	-0.178	0.6416109	0.641611
17:37:03	8.4237	8.7368	-0.2327	0.5830175	0.583018
17:37:13	8.5951	8.5767	-0.3202	0.4892895	0.489289
17:37:23	8.7838	8.444	-0.3012	0.5096419	0.509642
17:37:33	8.9117	8.3714	-0.347	0.4605819	0.460582
17:37:43	8.9445	8.394	-0.125	0.6983833	0.698383
17:37:53	8.8945	8.4606	-0.1429	0.6792092	0.679209
17:38:03	8.7647	8.569	-0.103	0.7219492	0.721949
17:38:13	8.6029	8.6814	-0.2506	0.5638434	0.563843
17:38:23	8.4654	8.7612	-0.0774	0.7493714	0.749371
17:38:33	8.3589	8.8243	-0.0887	0.7372671	0.737267
17:38:43	8.2994	8.8415	-0.0762	0.7506568	0.750657
17:38:53	8.3779	8.7421	0.0404	0.8755561	0.875556
17:39:03	8.5338	8.6243	0.0184	0.8519902	0.85199
17:39:13	8.6487	8.5547	-4.6E-05	0.8322312	0.832231
17:39:23	8.7213	8.5231	-0.1774	0.6422536	0.642254
17:39:33	8.6999	8.5755	-0.1458	0.6761028	0.676103
17:39:43	8.5987	8.6547	-0.056	0.7722946	0.772295



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:39:53	8.4785	8.7606	-0.0084	0.8232826	0.823283
17:40:03	8.3738	8.8195	0.044	0.8794123	0.879412
17:40:13	8.2976	8.8528	-0.0857	0.7404806	0.740481
17:40:23	8.3642	8.7445	-0.103	0.7219492	0.721949
17:40:33	8.4981	8.6404	-0.1232	0.7003114	0.700311
17:40:43	8.6332	8.5487	-0.1095	0.7149866	0.714987
17:40:53	8.7213	8.5011	-0.0762	0.7506568	0.750657
17:41:03	8.738	8.5089	-0.0429	0.786327	0.786327
17:41:13	8.6618	8.582	-0.0292	0.8010021	0.801002
17:41:23	8.5892	8.6255	-0.0227	0.8079648	0.807965
17:41:33	8.5172	8.682	0.0363	0.8711642	0.871164
17:41:43	8.4446	8.7177	0.0726	0.910048	0.910048
17:41:53	8.3988	8.7421	0.0851	0.9234377	0.923438
17:42:03	8.3452	8.7927	0.0618	0.8984793	0.898479
17:42:13	8.2976	8.8284	0.0077	0.8405286	0.840529
17:42:23	8.25	8.9016	0.0392	0.8742707	0.874271
17:42:33	8.1928	8.9772	0.047	0.8826258	0.882626
17:42:43	8.0994	9.1034	0.0803	0.918296	0.918296
17:42:53	8.0131	9.2045	-0.003	0.829067	0.829067
17:43:03	7.9542	9.2575	0.0374	0.8723425	0.872343
17:43:13	8.0286	9.2039	-0.0429	0.786327	0.786327
17:43:23	8.1548	9.1301	-0.0131	0.8182481	0.818248
17:43:33	8.3071	9.0355	-0.0018	0.8303524	0.830352
17:43:43	8.4273	8.9855	-0.0429	0.786327	0.786327
17:43:53	8.4351	9.0248	-0.0584	0.7697237	0.769724
17:44:03	8.3874	9.0599	-0.0352	0.7945751	0.794575
17:44:13	8.3297	9.1028	-0.0274	0.8029302	0.80293
17:44:23	8.2803	9.1123	-0.0381	0.7914686	0.791469
17:44:33	8.275	9.095	-0.1066	0.718093	0.718093
17:44:43	8.3684	8.979	-0.0697	0.7576194	0.757619
17:44:53	8.5148	8.8677	-0.0494	0.7793643	0.779364
17:45:03	8.6564	8.7689	-0.0179	0.8131064	0.813106
17:45:13	8.7136	8.763	0.0202	0.8539183	0.853918
17:45:23	8.6695	8.8189	-0.075	0.7519422	0.751942
17:45:33	8.5856	8.876	-0.0447	0.7843989	0.784399
17:45:43	8.4559	8.973	-0.1143	0.7098449	0.709845
17:45:53	8.3321	9.0444	-0.0607	0.76726	0.76726
17:46:03	8.2595	9.0522	-0.0619	0.7659746	0.765975
17:46:13	8.3226	8.9528	-0.0036	0.8284243	0.828424
17:46:23	8.4255	8.8796	-0.0477	0.7811853	0.781185

24 hour time	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
	(%)	(%)	(ppm )		
17:46:33	8.5148	8.8189	-0.078	0.7487287	0.748729
17:46:43	8.5493	8.8177	-0.0798	0.7468005	0.746801
17:46:53	8.5017	8.8844	-0.0905	0.7353389	0.735339
17:47:03	8.4101	8.9469	-0.1345	0.6882071	0.688207
17:47:13	8.2863	9.0367	-0.0417	0.7876124	0.787612
17:47:23	8.1792	9.0986	-0.1619	0.6588569	0.658857
17:47:33	8.147	9.0796	-0.2089	0.6085115	0.608512
17:47:43	8.2708	8.9445	-0.3166	0.4931457	0.493146
17:47:53	8.4273	8.8308	-0.2744	0.5383494	0.538349
17:48:03	8.5606	8.738	-0.3654	0.4408723	0.440872
17:48:13	8.6392	8.7165	-0.3202	0.4892895	0.489289
17:48:23	8.6297	8.7499	-0.3137	0.4962521	0.496252
17:48:33	8.5725	8.8118	-0.4577	0.3420026	0.342003
17:48:43	8.4827	8.8814	-0.635	0.1520828	0.152083
17:48:53	8.4351	8.8933	-0.6368	0.1501547	0.150155
17:49:03	8.4785	8.8171	-0.4863	0.3113669	0.311367
17:49:13	8.6445	8.6683	-0.4892	0.3082605	0.30826
17:49:23	8.8106	8.5446	-0.5696	0.2221378	0.222138
17:49:33	8.9498	8.4583	-0.538	0.255987	0.255987
17:49:43	9.0147	8.4434	-0.66	0.1253034	0.125303
17:49:53	8.9843	8.4892	-0.5874	0.2030709	0.203071
17:50:03	8.9403	8.5219	-0.5719	0.2196741	0.219674
17:50:13	8.8737	8.5636	-0.5624	0.2298503	0.22985
17:50:23	8.8814	8.5446	-0.5083	0.287801	0.287801
17:50:33	8.9802	8.438	-0.5648	0.2272795	0.227279
17:50:43	9.1867	8.2732	-0.538	0.255987	0.255987
17:50:53	9.4194	8.1238	-0.4732	0.3253993	0.325399
17:51:03	9.5949	8.0459	-0.4482	0.3521788	0.352179
17:51:13	9.686	8.0244	-0.4482	0.3521788	0.352179
17:51:23	9.6901	8.0459	-0.6291	0.1584028	0.158403
17:51:33	9.6711	8.0619	-0.5404	0.2534162	0.253416
17:51:43	9.6288	8.0893	-0.5208	0.2744113	0.274411
17:51:53	9.6288	8.0804	-0.4708	0.3279702	0.32797
17:52:03	9.6574	8.0417	-0.4375	0.3636404	0.36364
17:52:13	9.7836	7.9328	-0.4815	0.3165086	0.316509
17:52:23	9.9091	7.8453	-0.5321	0.262307	0.262307
17:52:33	10.0317	7.7644	-0.4892	0.3082605	0.30826
17:52:43	10.1061	7.7441	-0.4089	0.394276	0.394276
17:52:53	10.0561	7.8048	-0.4261	0.3758518	0.375852
17:53:03	9.9419	7.8995	-0.4833	0.3145804	0.31458

				Post test	
				Regression	Selected
				Analysis	THC
				Corrected	THC
				THC Result	Result
				(ppm)	(ppm)
24 hour time	O2	CO2	THC		
	(%)	(%)	(ppm )		
17:53:13	9.8044	7.9721	-0.4565	0.343288	0.343288
17:53:23	9.7205	8.0107	-0.394	0.4102366	0.410237
17:53:33	9.7437	7.9423	-0.4244	0.3776728	0.377673
17:53:43	9.877	7.8489	-0.5321	0.262307	0.262307
17:53:53	10.0008	7.7548	-0.4987	0.2980843	0.298084
17:54:03	10.1115	7.6971	-0.4083	0.3949188	0.394919
<b>Start Calibration</b>					
17:54:13	10.1287	7.7221	-0.5844		
17:54:23	10.0674	7.7757	-0.5333		
17:54:33	9.9687	7.8507	-0.619		
17:54:43	9.8598	7.906	-0.6368		
17:54:53	9.8104	7.9155	-0.6178		
17:55:03	9.8562	7.8483	-0.4952		
17:55:13	9.7282	6.6467	-0.7439		
17:55:23	4.0152	0.5873	-0.8392		
17:55:33	0.5361	0.3374	-0.9022		
17:55:43	0.1315	0.2315	-0.9213		
17:55:53	0.0404	0.1731	-0.9832		
17:56:03	0.0154	0.1583	-1.0326		
17:56:13	0.0041	0.1446	-0.9439		
17:56:23	-0.0054	0.1339	-1.0099		
17:56:33	-0.0173	0.1261	-0.888		
17:56:43	-0.0244	0.1208	-0.8641		
17:56:53	-0.0286	0.116	-0.8058		
17:57:03	-0.0363	0.1106	-0.8451		
17:57:13	-0.0381	0.1077	-0.8909		
17:57:23	-0.0417	0.1053	-0.7612		
17:57:33	-0.0459	0.1023	-0.7582		
17:57:43	-0.0477	0.091	-0.6969		
17:57:53	-0.0512	0.0934	-0.6047		
17:58:03	-0.0512	0.0904	-0.6077		
17:58:13	-0.0536	0.088	-0.6684		
<b>Zero Bias</b>	<b>-0.052</b>	<b>0.0906</b>	<b>-0.62693</b>		
17:58:23	-0.0512	0.0964	-0.3119		
17:58:33	5.9761	4.0259	8.6035		
17:58:43	14.5582	0.216	10.0544		
17:58:53	19.2654	0.1249	10.3745		
17:59:03	19.767	0.1047	10.5043		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	17:59:13	19.8813	0.0952	10.515	
	17:59:23	19.9462	0.0892	10.4519	
	17:59:33	19.9941	0.0839	10.4424	
	17:59:43	20.0303	0.0803	10.4596	
	17:59:53	20.053	0.0886	10.3995	
	18:00:03	20.0701	0.0857	10.3436	
<b>THC Mid Bias</b>	<b>20.05113</b>	<b>0.084867</b>	<b>10.4009</b>		
	18:00:13	20.0872	0.0946	10.2662	
	18:00:23	20.1008	0.094	10.0555	
	18:00:33	20.1084	0.1005	3.2302	
	18:00:43	13.4554	6.0385	6.1469	
	18:00:53	18.9885	0.3082	5.9076	
	18:01:03	20.1275	0.1541	6.082	
	18:01:13	20.2287	0.1285	6.1219	
	18:01:23	20.2494	0.1166	6.204	
	18:01:33	20.2589	0.1095	6.3099	
	18:01:43	20.2685	0.1047	6.5176	
	18:01:53	20.2745	0.0999	6.5849	
	18:02:03	20.2801	0.094	6.6164	
	18:02:13	20.2841	0.0886	6.5866	
<b>THC Low Bias</b>	<b>20.27957</b>	<b>0.094167</b>	<b>6.595967</b>		
	18:02:23	20.2876	0.0862	6.6664	
	18:02:33	20.2917	0.0851	6.6735	
	18:02:43	20.2932	0.0839	6.539	
	18:02:53	20.2932	0.0839	2.0459	
	18:03:03	16.9325	5.2774	10.0752	
	18:03:13	17.2321	0.845	18.6139	
	18:03:23	20.9609	0.1702	19.0983	
	18:03:33	21.331	0.1273	19.1824	
	18:03:43	21.3768	0.1106	19.2816	
	18:03:53	21.3939	0.1023	19.35	
	18:04:03	21.4035	0.0976	19.3863	
	18:04:13	21.411	0.0934	19.4311	
	18:04:23	21.4171	0.0892	19.4286	
	18:04:33	21.4206	0.0868	19.5107	
	18:04:43	21.4226	0.0857	19.5379	
	18:04:53	21.4266	0.0833	19.5293	
<b>THC Span Bias</b>	<b>21.42327</b>	<b>0.085267</b>	<b>19.52597</b>		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:05:03	21.4281	0.0827	21.0641		
18:05:13	21.4302	0.0809	21.0591		
18:05:23	21.4342	0.0785	20.9478		
18:05:33	21.4342	0.0785	6.8491		
18:05:43	17.0967	5.5773	6.245		
18:05:53	13.4036	0.407	0.3594		
18:06:03	1.6425	0.141	0.3088		
18:06:13	0.4868	0.113	0.3213		
18:06:23	0.3017	0.0946	0.0803		
18:06:33	0.21	0.0862	0.0666		
18:06:43	0.1547	0.0827	0.0916		
18:06:53	0.1166	0.0797	0.044		
18:07:03	0.0857	0.0773	0.1309		
18:07:13	0.0613	0.0755	0.1059		
18:07:23	0.0458	0.0743	0.2707		
18:07:33	0.0327	0.0726	0.2243		
18:07:43	0.019	0.0726	0.1898		
18:07:53	0.0077	0.072	0.2154		
18:08:03	-4.6E-05	0.0708	0.2874		
18:08:13	-0.0036	0.0708	0.3082		
18:08:23	0.0517	0.2648	2.719		
18:08:33	4.9328	1.9793	20.0051		
18:08:43	17.7186	0.1547	21.5238		
18:08:53	20.7056	0.1053	21.7353		
18:09:03	21.049	0.0904	21.5485		
18:09:13	21.1633	0.0815	21.4513		
18:09:23	21.2262	0.0773	21.4367		
18:09:33	21.2741	0.0732	21.4579		
18:09:43	21.3083	0.072	21.5218		
18:09:53	21.333	0.0559	21.5772		
18:10:03	21.3541	0.0672	21.5978		
18:10:13	21.3692	0.0672	21.6698		
18:10:23	21.3808	0.0666	21.5027		
18:10:33	21.3919	0.0559	21.5943		
18:10:43	21.3959	0.0613	21.5409		
18:10:53	21.4035	0.0595	5.8267		
18:11:03	16.6959	5.8737	2.844		
18:11:13	11.0768	7.2645	13.6744		
18:11:23	18.4109	0.4897	13.1013		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:11:33	19.9598	0.1827	13.2733		
18:11:43	20.0988	0.1327	13.2561		
18:11:53	20.1295	0.1077	13.3769		
18:12:03	20.1446	0.094	8.6124		
18:12:13	19.2252	2.5226	11.0928		
18:12:23	15.4508	1.8632	20.8133		
18:12:33	20.6884	0.1922	21.6532		
18:12:43	21.3023	0.1398	21.9946		
18:12:53	21.3712	0.116	21.3662		
18:13:03	21.3939	0.1053	21.1421		
18:13:13	21.4075	0.0964	21.0963		
18:13:23	21.4171	0.091	21.1376		
18:13:33	21.4226	0.0868	21.1517		
18:13:43	21.4281	0.0851	11.0244		
18:13:53	19.5132	3.8087	12.2985		
18:14:03	16.1144	1.0866	1.6675		
18:14:13	3.0255	0.1708	1.0027		
18:14:23	0.6183	0.1243	1.0938		
18:14:33	0.3493	0.1053	1.3229		
18:14:43	0.2481	0.0946	1.2485		
18:14:53	0.1815	0.094	0.0029		
18:15:03	0.1339	0.0892	0.0107		
18:15:13	0.1011	0.0862	0.0029		
18:15:23	0.0743	0.0839	-0.0227		
18:15:33	0.0535	0.0815	0.0737		
18:15:43	0.038	0.0803	0.1243		
18:15:53	0.0249	0.0785	0.1892		
18:16:03	0.0154	0.0773	0.2178		
18:16:13	0.0077	0.0755	0.2148		
18:16:23	-4.6E-05	0.0749	0.7611		
18:16:33	4.4252	5.3661	13.9839		
18:16:43	9.9627	0.4451	21.2101		
18:16:53	19.8395	0.1374	21.9453		
18:17:03	20.9191	0.1083	22.7892		
18:17:13	21.1003	0.0952	21.3436		
18:17:23	21.19	0.0868	21.126		
18:17:33	21.2433	0.0833	21.128		
18:17:43	21.2892	0.0803	21.2479		
18:17:53	21.3194	0.0773	21.2308		
18:18:03	21.3425	0.0749	21.1356		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
18:18:13	21.3617	0.0743	21.1477		
18:18:23	21.3748	0.0732	21.0867		
18:18:33	21.3884	0.069	21.1859		
18:18:43	21.3959	0.0702	18.8838		
18:18:53	21.3214	0.3481	5.0816		
18:19:03	12.5205	7.1484	13.4393		
18:19:13	18.8057	0.3975	12.9793		
18:19:23	20.0187	0.16	13.0662		
18:19:33	20.1235	0.1237	13.0978		
18:19:43	20.1446	0.1053	13.0555		
18:19:53	20.1562	0.094	13.1227		
18:20:03	20.1617	0.0868	13.09		
18:20:13	20.1673	0.0827	3.2897		
18:20:23	14.5463	6.7342	6.8729		
18:20:33	14.6569	0.8408	1.2598		
18:20:43	2.3441	0.1827	0.8777		
18:20:53	0.5284	0.1327	0.7212		
18:21:03	0.3052	0.113	0.7671		
18:21:13	0.2136	0.0993	0.8849		
18:21:23	0.1583	0.0916	0.1315		
18:21:33	0.1184	0.0862	0.1231		
18:21:43	0.088	0.0809	0.0803		
<b>Zero Bias</b>	<b>0.121567</b>	<b>0.086233</b>	<b>0.111633</b>		
18:21:53	0.063	0.0773	0.0726		
18:22:03	0.0422	0.0755	0.1993		
18:22:13	0.0309	0.0743	0.1993		
18:22:23	0.0172	0.072	0.1529		
18:22:33	0.0095	0.0708	0.2559		
18:22:43	0.0017	0.0702	0.6439		
18:22:53	4.0574	5.0328	12.7401		
18:23:03	9.2093	0.4951	20.982		
18:23:13	19.7096	0.1368	21.4548		
18:23:23	20.8868	0.1095	21.4835		
18:23:33	21.1003	0.0934	21.0374		
18:23:43	21.188	0.0868	21.2756		
18:23:53	21.2358	0.0815	21.2564		
18:24:03	21.2816	0.0779	21.0132		
18:24:13	21.3138	0.0755	20.986		
18:24:23	21.3385	0.0732	21.047		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
<b>THC Span Bias 21.3</b>	<b>21.3113</b>	<b>0.075533</b>	<b>21.0154</b>		
18:24:33	21.3577	0.0708	20.9503		
18:24:43	21.3748	0.0696	21.0601		
18:24:53	21.3864	0.069	20.9619		
18:25:03	21.3959	0.0678	5.7452		
18:25:13	15.8132	5.7636	10.0341		
18:25:23	19.2388	0.3451	7.9143		
18:25:33	20.198	0.1261	7.8138		
18:25:43	20.2745	0.0993	7.8643		
18:25:53	20.2896	0.0857	7.8007		
18:26:03	20.2972	0.0779	7.7941		
18:26:13	20.3027	0.0732	7.8132		
18:26:23	20.3068	0.0702	7.9554		
18:26:33	20.3088	0.0672	7.9923		
<b>THC Low Bias 7.58</b>	<b>20.3061</b>	<b>0.0702</b>	<b>7.9203</b>		
18:26:43	20.3123	0.0654	7.5067		
18:26:53	20.2952	0.138	3.4004		
18:27:03	14.1422	4.9787	11.5469		
18:27:13	19.2272	0.2445	12.4741		
18:27:23	20.0721	0.1243	12.5895		
18:27:33	20.1446	0.1005	12.5758		
18:27:43	20.1597	0.0886	12.552		
18:27:53	20.1673	0.0815	12.7365		
18:28:03	20.1753	0.0773	12.8514		
18:28:13	20.1768	0.0732	12.8157		
18:28:23	20.1809	0.0708	12.9204		
18:28:33	20.1829	0.069	12.7401		
18:28:43	20.1849	0.0678	12.6847		
<b>THC Mid Bias 12.9</b>	<b>20.1829</b>	<b>0.0692</b>	<b>12.78173</b>		
18:28:53	20.1849	0.0666	12.7657		
18:29:03	20.1864	0.0654	3.0987		
18:29:13	15.6984	5.9499	1.3074		
18:29:23	11.6052	7.0002	1.1229		
18:29:33	11.3094	7.0139	1.2056		
18:29:43	11.3684	6.9455	1.0176		
18:29:53	11.4374	6.9098	0.948		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
<b>Resume Run 1B</b>					
18:30:03	11.4142	6.9705	0.8831	-0.7378518	0.8831
18:30:13	11.3285	7.0342	0.7962	-0.8224969	0.7962
18:30:23	11.26	7.0877	0.8492	-0.7708722	0.8492
18:30:33	11.1702	7.1508	0.8492	-0.7708722	0.8492
18:30:43	11.0994	7.1835	0.7117	-0.9048043	0.7117
18:30:53	11.1321	7.1282	0.8527	-0.767463	0.8527
18:31:03	11.1833	7.0865	0.9289	-0.6932402	0.9289
18:31:13	11.2273	7.0532	0.8938	-0.7274295	0.8938
18:31:23	11.2505	7.058	0.8468	-0.7732099	0.8468
18:31:33	11.1892	7.127	0.8403	-0.7795412	0.8403
18:31:43	11.1244	7.1889	0.7266	-0.8902909	0.7266
18:31:53	11.0369	7.2698	0.745	-0.8723683	0.745
18:32:03	10.9488	7.3365	0.7736	-0.8445105	0.7736
18:32:13	10.8595	7.3805	0.6712	-0.9442534	0.6712
18:32:23	10.9089	7.3151	0.7938	-0.8248346	0.7938
18:32:33	11.0119	7.2288	0.7165	-0.9001288	0.7165
18:32:43	11.1184	7.1568	0.8444	-0.7755476	0.8444
18:32:53	11.1684	7.1407	0.8593	-0.7610342	0.8593
18:33:03	11.1642	7.1669	0.8498	-0.7702877	0.8498
18:33:13	11.1053	7.2204	0.7218	-0.8949663	0.7218
18:33:23	11.0232	7.2788	0.7058	-0.9105512	0.7058
18:33:33	10.9643	7.3067	0.7266	-0.8902909	0.7266
18:33:43	10.947	7.2907	0.7861	-0.8323348	0.7861
18:33:53	11.0422	7.2073	0.748	-0.8694462	0.748
18:34:03	11.1416	7.1228	0.7534	-0.8641863	0.7534
18:34:13	11.2541	7.0484	0.7575	-0.8601927	0.7575
18:34:23	11.2922	7.0449	0.7843	-0.8340881	0.7843
18:34:33	11.2523	7.0984	0.6772	-0.938409	0.6772
18:34:43	11.2005	7.1568	0.6581	-0.9570134	0.6581
18:34:53	11.1017	7.2234	0.7498	-0.8676929	0.7498
18:35:03	11.025	7.2799	0.7105	-0.9059731	0.7105
18:35:13	11.0083	7.2544	0.6712	-0.9442534	0.6712
18:35:23	11.0803	7.1937	0.6355	-0.979027	0.6355
18:35:33	11.1398	7.1478	0.5725	-1.0403923	0.5725
18:35:43	11.2065	7.1086	0.6647	-0.9505847	0.6647
18:35:53	11.2065	7.1532	0.6516	-0.9633448	0.6516
18:36:03	11.0178	7.3299	0.623	-0.9912026	0.623
18:36:13	10.653	7.6001	0.6802	-0.9354869	0.6802
18:36:23	10.1115	7.9369	0.582	-1.0311388	0.582

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:36:33	9.5372	8.2452	0.2529	-1.3516992	0.2529
18:36:43	9.1063	8.4374	0.4082	-1.2004289	0.4082
18:36:53	8.8986	8.5029	0.4076	-1.2010134	0.4076
18:37:03	8.8219	8.4958	0.2344	-1.3697191	0.2344
18:37:13	8.8451	8.4672	0.1642	-1.4380975	0.1642
18:37:23	8.8909	8.4428	0.1202	-1.4809558	0.1202
18:37:33	8.9635	8.4118	0.0125	-1.5858612	0.0125
18:37:43	9.0474	8.3928	0.1339	-1.4676113	0.1339
18:37:53	9.1426	8.3333	-0.0179	-1.6154724	-0.0179
18:38:03	9.3105	8.228	0.0428	-1.5563474	0.0428
18:38:13	9.5562	8.0613	0.0125	-1.5858612	0.0125
18:38:23	9.8157	7.8977	-0.1345	-1.7290468	-0.1345
18:38:33	10.0603	7.7507	-0.0875	-1.6832664	-0.0875
18:38:43	10.2144	7.6816	-0.1536	-1.7476512	-0.1536
18:38:53	10.2013	7.7322	-0.1649	-1.758658	-0.1649
18:39:03	10.0793	7.8292	-0.1982	-1.7910939	-0.1982
18:39:13	9.9133	7.9387	-0.3595	-1.9482084	-0.3595
18:39:23	9.7949	7.9977	-0.4684	-2.0542826	-0.4684
18:39:33	9.7532	8.0078	-0.4541	-2.0403537	-0.4541
18:39:43	9.8467	7.925	-0.4767	-2.0623673	-0.4767
18:39:53	9.9913	7.8054	-0.4589	-2.0450291	-0.4589
18:40:03	10.1686	7.6989	-0.3863	-1.974313	-0.3863
18:40:13	10.2966	7.6394	-0.5428	-2.1267521	-0.5428
18:40:23	10.3424	7.6406	-0.5731	-2.1562658	-0.5731
18:40:33	10.2948	7.7019	-0.594	-2.1766235	-0.594
18:40:43	10.1996	7.7709	-0.538	-2.1220766	-0.538
18:40:53	10.1347	7.806	-0.5309	-2.1151609	-0.5309
18:41:03	10.0942	7.8233	-0.5309	-2.1151609	-0.5309
18:41:13	10.1157	7.803	-0.7374	-2.3163025	-0.7374
18:41:23	10.1555	7.7894	-0.7094	-2.2890291	-0.7094
18:41:33	10.1972	7.7828	-0.5589	-2.1424343	-0.5589
18:41:43	10.2335	7.7656	-0.5797	-2.1626946	-0.5797
18:41:53	10.2662	7.7697	-0.716	-2.2954578	-0.716
18:42:03	10.287	7.7763	-0.7267	-2.3058802	-0.7267
18:42:13	10.262	7.8221	-0.8046	-2.3817588	-0.8046
18:42:23	10.2281	7.8643	-0.9106	-2.4850083	-0.9106
18:42:33	10.1704	7.9072	-0.8885	-2.4634817	-0.8885
18:42:43	10.1383	7.9268	-0.8219	-2.3986099	-0.8219
18:42:53	10.1305	7.9173	-0.6225	-2.204384	-0.6225
18:43:03	10.2162	7.8495	-0.5922	-2.1748702	-0.5922

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
18:43:13	10.3156	7.7751	-0.447	-2.0334379	-0.447
18:43:23	10.4073	7.7144	-0.4071	-1.9945733	-0.4071
18:43:33	10.4436	7.7138	-0.3613	-1.9499617	-0.3613
18:43:43	10.371	7.7828	-0.3547	-1.943533	-0.3547
18:43:53	10.243	7.8632	-0.269	-1.8600567	-0.269
18:44:03	10.102	7.9423	-0.3916	-1.9794755	-0.3916
18:44:13	10.0103	7.975	-0.3315	-1.920935	-0.3315
18:44:23	10.0294	7.9125	-0.2928	-1.8832392	-0.2928
18:44:33	10.1555	7.8245	-0.2887	-1.8792455	-0.2887
18:44:43	10.2775	7.74	-0.2119	-1.8044384	-0.2119
18:44:53	10.3918	7.659	-0.178	-1.771418	-0.178
18:45:03	10.4013	7.6912	-0.1	-1.695442	-0.1
18:45:13	10.3025	7.7679	-0.2024	-1.7951849	-0.2024
18:45:23	10.1287	7.8846	-0.0875	-1.6832664	-0.0875
18:45:33	9.9591	7.9667	-0.1542	-1.7482356	-0.1542
18:45:43	9.8484	8.0066	-0.0857	-1.6815131	-0.0857
18:45:53	9.8562	7.9483	-0.2048	-1.7975226	-0.2048
18:46:03	9.9627	7.8614	-0.1619	-1.7557358	-0.1619
18:46:13	10.1174	7.7489	-0.1447	-1.7389821	-0.1447
18:46:23	10.2454	7.6733	0.0267	-1.5720297	0.0267
18:46:33	10.2757	7.6805	0.0333	-1.5656009	0.0333
18:46:43	10.2091	7.7489	0.1184	-1.4827091	0.1184
18:46:53	10.0413	7.8697	0.2422	-1.3621215	0.2422
18:47:03	9.8865	7.9494	0.3052	-1.3007563	0.3052
18:47:13	9.8026	7.975	0.3558	-1.2514692	0.3558
18:47:23	9.9115	7.8518	0.4868	-1.1238685	0.4868
18:47:33	10.0716	7.7423	0.5522	-1.0601655	0.5522
18:47:43	10.2162	7.6519	0.604	-1.0097096	0.604
18:47:53	10.312	7.6073	0.6974	-0.9187332	0.6974
18:48:03	10.2906	7.6567	0.7843	-0.8340881	0.7843
18:48:13	10.1936	7.7275	0.8795	-0.7413584	0.8795
18:48:23	10.0526	7.8179	0.9015	-0.7199293	0.9015
18:48:33	9.9359	7.8685	0.998	-0.6259333	0.998
18:48:43	9.8788	7.8762	1.1664	-0.461903	1.1664
18:48:53	9.9609	7.7971	1.142	-0.4856698	1.142
18:49:03	10.0579	7.7293	1.3181	-0.3141393	1.3181
18:49:13	10.1442	7.6763	1.3705	-0.263099	1.3705
18:49:23	10.1573	7.6882	1.2955	-0.3361529	1.2955
18:49:33	10.0734	7.7751	1.2277	-0.4021936	1.2277
18:49:43	9.9377	7.8739	1.4514	-0.1842982	1.4514

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
18:49:53	9.7854	7.9721	1.5044	-0.1326735	1.5044
18:50:03	9.6842	8.0334	1.6079	-0.0318592	1.6079
18:50:13	9.6842	7.9953	1.6913	0.0493768	1.6913
18:50:23	9.8157	7.906	1.6901	0.0482079	1.6901
18:50:33	9.9782	7.7923	1.6579	0.0168434	1.6579
18:50:43	10.1496	7.6894	1.8139	0.1687955	1.8139
18:50:53	10.2412	7.6537	1.943	0.2945456	1.943
18:51:03	10.2204	7.7007	1.9239	0.2759412	1.9239
18:51:13	10.1079	7.8048	1.9025	0.2550965	1.9025
18:51:23	9.9264	7.9108	1.9293	0.2812011	1.9293
18:51:33	9.8312	7.9459	1.9966	0.3467547	1.9966
18:51:43	9.8657	7.8667	2.0543	0.4029575	2.0543
18:51:53	10.0216	7.7519	2.1679	0.5136098	2.1679
18:52:03	10.1936	7.637	2.0126	0.3623396	2.0126
18:52:13	10.3347	7.5567	2.1108	0.4579914	2.1108
18:52:23	10.3555	7.5882	2.1412	0.4876026	2.1412
18:52:33	10.2811	7.6376	2.1364	0.4829272	2.1364
18:52:43	10.1704	7.7215	2.059	0.4075356	2.059
18:52:53	10.0085	7.8191	2.1429	0.4892585	2.1429
18:53:03	9.9038	7.8632	2.062	0.4104577	2.062
18:53:13	9.902	7.8274	1.965	0.3159747	1.965
18:53:23	9.9669	7.7733	2.0953	0.4428936	2.0953
18:53:33	10.0621	7.7114	2.1239	0.4707515	2.1239
18:53:43	10.1287	7.6864	2.1394	0.4858493	2.1394
18:53:53	10.0942	7.7477	2.1001	0.4475691	2.1001
18:54:03	9.9591	7.8495	2.1596	0.5055252	2.1596
18:54:13	9.7931	7.9655	2.1727	0.5182852	2.1727
18:54:23	9.6788	8.025	2.187	0.5322142	2.187
18:54:33	9.6348	8.0316	2.04	0.3890286	2.04
18:54:43	9.7473	7.925	1.9924	0.3426637	1.9924
18:54:53	9.9187	7.8155	2.0543	0.4029575	2.0543
18:55:03	10.1157	7.6834	1.9864	0.3368194	1.9864
18:55:13	10.2603	7.6156	1.9287	0.2806166	1.9287
18:55:23	10.2835	7.643	1.893	0.245843	1.893
18:55:33	10.1877	7.7322	1.9162	0.268441	1.9162
18:55:43	10.0603	7.8019	1.8638	0.2174007	1.8638
18:55:53	9.98	7.8483	1.8168	0.1716202	1.8168
18:56:03	9.8693	7.9245	1.8103	0.1652889	1.8103
18:56:13	9.8086	7.9483	1.9067	0.2591875	1.9067
18:56:23	9.8044	7.9435	1.9168	0.2690254	1.9168

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
<b>End Run 1B</b>	<b>9.843176</b>	<b>7.948017</b>	<b>0.362642</b>		<b>0.683031</b>
18:56:33	9.8996	7.8518	1.9198		
18:56:43	10.0389	7.7453	1.8597		
18:56:53	10.1936	7.6519	2.0132		
18:57:03	10.2644	7.6436	1.9543		
18:57:13	10.1877	7.7233	1.8275		
18:57:23	10.0561	7.8215	1.8103		
18:57:33	9.9133	7.9155	1.8281		
18:57:43	9.7889	7.9869	1.7895		
18:57:53	9.7437	7.9953	1.7276		
18:58:03	9.8062	7.925	1.7377		
18:58:13	9.9264	7.8423	1.7662		
18:58:23	10.0579	7.7513	1.7579		
18:58:33	10.1478	7.7251	1.6597		
18:58:43	10.1305	7.7513	1.7615		
18:58:53	10.0258	7.8453	1.7299		
18:59:03	9.883	7.9423	1.6014		
18:59:13	9.7794	8.0197	1.624		
18:59:23	9.7473	7.9869	1.6579		
18:59:33	9.8657	7.8828	1.5461		
18:59:43	10.0317	7.7465	1.502		
18:59:53	10.262	7.6001	1.5461		
19:00:03	10.4073	7.5269	1.5222		
19:00:13	10.4376	7.537	1.502		
19:00:23	10.4739	7.5204	1.4116		
19:00:33	10.3995	7.5477	1.4705		
19:00:43	10.3959	7.5352	1.5693		
19:00:53	10.5025	7.3942	1.6502		
19:01:03	10.9393	6.9586	8.7802		
19:01:13	17.3731	0.7212	9.7157		
19:01:23	19.7614	0.3154	9.98		
19:01:33	20.0072	0.2493	10.3013		
19:01:43	20.0434	0.2285	6.5009		
19:01:53	19.3742	1.8817	6.0308		
19:02:03	16.0227	2.0013	2.0394		
19:02:13	6.2183	0.2493	1.3068		
19:02:23	0.8301	0.1975	1.2199		
19:02:33	0.3338	0.169	1.1426		
19:02:43	0.2005	0.1505	1.0122		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	19:02:53	0.1297	0.1392	1.0521	
	19:03:03	0.0916	0.119	1.1205	
	19:03:13	0.063	0.1112	1.1426	
	19:03:23	0.0404	0.1077	1.0741	
	19:03:33	0.0267	0.1041	1.0747	
<b>Zero Bias</b>	<b>0.043367</b>	<b>0.107667</b>	<b>1.097133</b>		
	19:03:43	0.0113	0.1005	1.1057	
	19:03:53	0.0017	0.0987	1.1818	
	19:04:03	-0.0096	0.0952	1.1872	
	19:04:13	-0.0149	0.094	1.3306	
	19:04:23	-0.0209	0.0916	1.3532	
	19:04:33	-0.0286	0.0892	1.2931	
	19:04:43	-0.0304	0.0886	1.3116	
	19:04:53	-0.034	0.088	1.3705	
	19:05:03	-0.034	0.0868	1.9335	
	19:05:13	6.9663	4.0259	1.6966	
	19:05:23	6.8878	1.433	1.4859	
	19:05:33	8.7975	9.4533	1.4104	
	19:05:43	9.6729	9.7538	1.4419	
	19:05:53	9.7645	9.8276	1.4479	
	19:06:03	9.7931	9.8728	1.6288	
	19:06:13	9.8121	9.899	1.6062	
	19:06:23	9.8252	9.9187	1.6805	
	19:06:33	9.8371	9.9347	1.6681	
	19:06:43	9.8467	9.9478	1.655	
	19:06:53	9.8502	9.9556	1.718	
	19:07:03	9.8562	9.9639	1.7948	
<b>O2/CO2 Bias</b>	<b>9.851033</b>	<b>9.955767</b>	<b>1.7226</b>		
	19:07:13	9.8598	9.9698	1.9531	
	19:07:23	9.8615	9.9823	2.4024	
	19:07:33	10.043	8.9064	2.8785	
	19:07:43	11.9789	6.9401	12.5562	
	19:07:53	17.3062	0.9254	13.8857	
	19:08:03	19.7191	0.3975	14.1279	
	19:08:13	19.9613	0.307	14.2993	
	19:08:23	20.0208	0.2564	14.3636	
	19:08:33	20.053	0.219	14.4475	
	19:08:43	20.0777	0.1922	14.6159	

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
19:08:53	20.0953	0.1743	14.6677		
19:09:03	20.1064	0.1588	14.8248		
19:09:13	20.1179	0.1475	14.8831		
19:09:23	20.1255	0.138	14.8575		
<b>THC Mid Bias</b>	<b>20.1166</b>	<b>0.1481</b>	<b>14.85513</b>		
19:09:33	20.133	0.1356	14.9384		
19:09:43	20.1391	0.1339	5.3238		
19:09:53	15.4371	4.3288	11.2053		
19:10:03	17.9588	0.5141	10.293		
19:10:13	20.055	0.1809	10.4531		
19:10:23	20.2383	0.1499	10.5132		
19:10:33	20.265	0.1356	10.4894		
19:10:43	20.2745	0.1291	10.5185		
19:10:53	20.2841	0.1214	10.4424		
19:11:03	20.2896	0.116	10.2954		
19:11:13	20.2952	0.1124	10.1145		
<b>THC Low Bias</b>	<b>20.28963</b>	<b>0.1166</b>	<b>10.2841</b>		
19:11:23	20.2972	0.11	10.1591		
19:11:33	20.2992	0.1071	5.7999		
19:11:43	18.0081	3.1564	9.0492		
19:11:53	16.0209	1.2568	22.1276		
19:12:03	20.7645	0.169	23.0908		
19:12:13	21.3194	0.1237	23.1326		
19:12:23	21.3788	0.1095	23.2087		
19:12:33	21.3999	0.1017	23.2182		
19:12:43	21.409	0.0964	23.1936		
19:12:53	21.4186	0.0934	23.2041		
19:13:03	21.4226	0.0916	23.2595		
<b>THC Span Bias</b>	<b>21.41673</b>	<b>0.0938</b>	<b>23.21907</b>		
19:13:13	21.4266	0.091	23.187		
19:13:23	21.4322	0.0886	23.2223		
19:13:33	21.4342	0.088	18.9603		
19:13:43	21.4342	0.088	18.9603		

**Veolia Unit 2**

Uncorrected Concentrations									
9-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 2A	945-1053	11.14	6.59						0.00

Corrected O <sub>2</sub> Conc.					
9-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	945-1053	11.14	-0.02	1.01	11.23

Corrected CO <sub>2</sub> Conc.					
9-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	945-1053	6.59	0.10	1.01	6.56



**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/9/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span)
						2.0% Limit
zero gas	EEP443	0.00	07:24	-0.04	0.04	0.2%
span gas	CC189665	22.50	07:20	22.50	0.00	0.0%
mid-range	CC43355	10.10	07:22	10.07	0.03	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 2A	0.00	-0.04	07:33	-0.03	0.1%	10:55	0.00	0.2%	0.1%	C <sub>O</sub> = -0.016 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.007
	10.10	10.07	07:36	10.04	-0.1%	10:57	9.98	-0.4%	-0.3%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/9/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:24	0.10	0.10	0.5%
span gas	CC189665	19.20	07:20	19.08	0.12	0.6%
mid-range	CC43355	10.00	07:22	10.06	0.06	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
2A	0.00	0.10	07:33	0.05	-0.3%	10:55	0.14	0.2%	0.5%	C <sub>0</sub> = 0.098 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.011
	10.00	10.06	07:36	9.99	-0.4%	10:57	9.98	-0.4%	-0.1%	

	O2 (%)	CO2 (%)
7:16:27	6.348	0.0827
7:16:37	0.5112	0.0743
7:16:47	0.0613	0.0726
7:16:57	0.0077	0.0726
7:17:07	-0.0078	0.0624
7:17:17	-0.0173	0.0624
7:17:27	-0.0209	0.0636
7:17:37	-0.0268	0.0642
7:17:47	-0.0322	0.0648
7:17:57	-0.0286	0.0672
7:18:07	7.6073	10.6399
7:18:17	20.8123	18.561
7:18:27	22.0007	18.8465
7:18:37	22.1245	18.9548
7:18:47	22.1512	18.9996
7:18:57	22.1663	19.0247
7:19:07	22.2293	19.0434
7:19:17	22.4775	19.058
7:19:27	22.4851	19.0595
7:19:37	22.4871	19.066
7:19:47	22.4926	19.0736
7:19:57	22.4967	19.0766
7:20:07	22.4982	19.0801
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.49583</b>	<b>19.07677</b>
7:20:17	22.4946	19.0363
7:20:27	22.4926	19.0187
7:20:37	22.4715	19.0535
7:20:47	12.6258	9.9502
7:20:57	10.2585	10.0657
7:21:07	10.1079	10.0805
7:21:17	10.0829	10.0811
7:21:27	10.0734	10.0793
7:21:37	10.0734	10.0746
7:21:47	10.0752	10.071
7:21:57	10.0716	10.0722
7:22:07	10.0674	10.0698
7:22:17	10.0698	10.0502
<b>O2/CO2 Mid 10.1/10.0</b>	<b>10.0696</b>	<b>10.06407</b>
7:22:27	10.1079	10.0448
7:22:37	9.4325	2.9368
7:22:47	1.793	0.2398
7:22:57	0.2404	0.1761

	O2 (%)	CO2 (%)
7:23:07	0.0285	0.1487
7:23:17	-0.0054	0.1321
7:23:27	-0.0191	0.119
7:23:37	-0.0268	0.1106
7:23:47	-0.0322	0.1041
7:23:57	-0.0399	0.0987
7:24:07	-0.0417	0.1071
7:24:17	-0.0477	0.1041
<b>N2 Zero</b>	<b>-0.0431</b>	<b>0.1033</b>
7:24:27	-0.0477	0.1077
7:24:37	8.1238	0.3058
7:24:47	20.3219	0.1356
7:24:57	20.8179	0.1458
7:25:07	19.5802	0.1434
7:25:17	20.7494	0.1368
7:25:27	20.8712	0.1356
7:25:37	20.8868	0.1374
7:25:47	20.8959	0.135
7:25:57	20.8999	0.1339
7:26:07	20.8657	0.1273
7:26:17	20.8521	0.1273
7:26:27	20.8848	0.1249
7:26:37	20.8924	0.1273
7:26:47	20.8904	0.1273
7:26:57	20.9055	0.1261
7:27:07	20.9019	0.1261
7:27:17	20.9019	0.1273
7:27:27	20.9019	0.1267
7:27:37	20.8999	0.1291
7:27:47	20.8944	0.1297
7:27:57	20.8959	0.1303
7:28:07	20.8959	0.1291
7:28:17	20.8979	0.1291
7:28:27	20.8979	0.1285
7:28:37	20.8979	0.1285
7:28:47	20.8979	0.1285
7:28:57	20.8999	0.1249
7:29:07	20.8999	0.1249
7:29:17	20.8999	0.1249
7:29:27	20.8999	0.1249
7:29:37	20.8999	0.1243
7:29:47	20.8999	0.1249
7:29:57	20.8999	0.1273

	O2 (%)	CO2 (%)
7:30:07	20.8999	0.1267
7:30:17	20.9019	0.1273
7:30:27	20.9019	0.1273
7:30:37	19.9709	0.1231
7:30:47	10.0942	0.0999
7:30:57	4.931	0.0862
7:31:07	3.6093	0.0749
7:31:17	3.645	0.0773
7:31:27	3.6474	0.0755
7:31:37	3.4718	0.0749
7:31:47	3.3611	0.0726
7:31:57	1.3163	0.0648
7:32:07	0.2249	0.0618
7:32:17	0.0535	0.0613
7:32:27	0.0208	0.0595
7:32:37	0.0041	0.0583
7:32:47	-0.0054	0.0571
7:32:57	-0.0149	0.0559
7:33:07	-0.0227	0.0559
7:33:17	-0.0268	0.0535
7:33:27	-0.0304	0.0529
<b>Zero Bias</b>	<b>-0.02663</b>	<b>0.0541</b>
7:33:37	-0.0363	0.0553
7:33:47	2.2816	0.0851
7:33:57	15.8037	0.1148
7:34:07	19.6164	0.119
7:34:17	20.5072	0.119
7:34:27	20.6804	0.1184
7:34:37	18.7503	0.341
7:34:47	11.2005	8.6189
7:34:57	10.6649	9.3283
7:35:07	10.1764	9.8574
7:35:17	10.0811	9.9169
7:35:27	10.0621	9.9395
7:35:37	10.0526	9.9574
7:35:47	10.0448	9.9698
7:35:57	10.043	9.9794
7:36:07	10.0413	9.9931
7:36:17	10.0389	10.0073
<b>O2/CO2 Bias</b>	<b>10.04107</b>	<b>9.993267</b>
7:36:27	10.0371	10.0127
7:36:37	10.0353	10.0175

	O2 (%)	CO2 (%)
7:36:47	14.5332	2.3572
7:36:57	19.8662	0.4951
7:37:07	20.6044	0.3701
7:37:17	20.7282	0.2951
7:37:27	20.774	0.2594
7:37:37	20.7987	0.2338
7:37:47	20.8199	0.2112
7:37:57	20.8315	0.1993
7:38:07	20.8425	0.188
7:38:17	20.8521	0.1773
7:38:27	20.8581	0.1797
7:38:37	20.8617	0.1773
7:38:47	20.8657	0.1731
7:38:57	20.8692	0.1696
7:39:07	20.8732	0.1672
7:39:17	20.8753	0.1642
7:39:27	20.8788	0.1612
7:39:37	20.8808	0.16
7:39:47	20.8828	0.1571
7:39:57	20.8868	0.1559
7:40:07	20.8884	0.1541
7:40:17	20.8868	0.1517
7:40:27	20.8904	0.1505
7:40:37	20.8924	0.1499
7:40:47	20.8924	0.1452
7:40:57	20.8944	0.1249
7:41:07	20.8944	0.1297
7:41:17	20.8979	0.1285
7:41:27	20.8979	0.1285
7:41:37	20.8979	0.1273
7:41:47	20.8999	0.1267
7:41:57	20.8999	0.1261
7:42:07	20.9019	0.1249
7:42:17	20.9019	0.1249
7:42:27	20.904	0.1243
7:42:37	20.9019	0.1249
7:42:47	20.9055	0.1237
7:42:57	20.9055	0.1231
7:43:07	20.9055	0.122
7:43:17	20.9055	0.1208
7:43:27	20.9055	0.1202
7:43:37	20.9075	0.1202
7:43:47	20.9075	0.1208
7:43:57	20.9075	0.119

	O2 (%)	CO2 (%)
7:44:07	20.9095	0.1184
7:44:17	20.9095	0.119
7:44:27	20.9095	0.119
7:44:37	20.9095	0.1178
7:44:47	20.9095	0.1178
7:44:57	20.9095	0.1178
7:45:07	20.9095	0.116
7:45:17	20.9115	0.116
7:45:27	20.9115	0.116
7:45:37	20.9115	0.1154
7:45:47	20.9115	0.119
7:45:57	20.9115	0.1231
7:46:07	20.9115	0.122
7:46:17	20.915	0.122
7:46:27	20.9135	0.122
7:46:37	20.915	0.122
7:46:47	20.9135	0.1214
7:46:57	20.9135	0.122
7:47:07	20.915	0.122
7:47:17	20.915	0.1214
7:47:27	20.9115	0.1214
7:47:37	20.915	0.1208
7:47:47	20.915	0.1208
7:47:57	20.9171	0.1208
7:48:07	20.9135	0.1231
7:48:17	20.915	0.1237
7:48:27	20.915	0.1243
7:48:37	20.915	0.1243
7:48:47	20.9171	0.1243
7:48:57	20.9171	0.1237
7:49:07	20.9171	0.1237
7:49:17	20.9171	0.1237
7:49:27	20.9171	0.1237
7:49:37	20.915	0.1237
7:49:47	20.9171	0.1237
7:49:57	20.9171	0.1231
7:50:07	20.9171	0.122
7:50:17	20.9191	0.122
7:50:27	20.9171	0.1237
7:50:37	20.9191	0.1208
7:50:47	20.915	0.119
7:50:57	20.9191	0.119
7:51:07	20.9171	0.1166
7:51:17	20.9191	0.116

	O2 (%)	CO2 (%)
7:51:27	20.9191	0.1166
7:51:37	20.9171	0.1154
7:51:47	20.9191	0.1136
7:51:57	20.9191	0.113
7:52:07	20.9211	0.1106
7:52:17	20.9191	0.1095
7:52:27	20.9211	0.1095
7:52:37	20.9211	0.1095
7:52:47	20.9191	0.1071
7:52:57	20.9191	0.1071
7:53:07	20.9171	0.113
7:53:17	20.9191	0.119
7:53:27	20.9231	0.1184
7:53:37	20.9211	0.1184
7:53:47	20.9211	0.1178
7:53:57	20.9211	0.1166
7:54:07	20.9191	0.1148
7:54:17	20.9211	0.1136
7:54:27	20.9231	0.113
7:54:37	20.9191	0.1124
7:54:47	20.9322	0.113
7:54:57	20.9211	0.11
7:55:07	20.9191	0.1083
7:55:17	20.9171	0.1077
7:55:27	20.9171	0.1178
7:55:37	20.9191	0.1273
7:55:47	20.9191	0.1267
7:55:57	20.9191	0.1249
7:56:07	20.9231	0.1249
7:56:17	20.9171	0.1243
7:56:27	20.9231	0.1237
7:56:37	20.9211	0.1231
7:56:47	20.9171	0.122
7:56:57	20.915	0.1214
7:57:07	20.9191	0.1208
7:57:17	20.9171	0.1208
7:57:27	20.9191	0.119
7:57:37	20.9191	0.119
7:57:47	20.9171	0.1178
7:57:57	20.9171	0.1261
7:58:07	20.9171	0.1297
7:58:17	20.9211	0.1303
7:58:27	20.9191	0.1303
7:58:37	20.9191	0.1297



	O2 (%)	CO2 (%)
7:58:47	20.9191	0.1297
7:58:57	20.9191	0.1297
7:59:07	20.9191	0.1285
7:59:17	20.9191	0.1267
7:59:27	20.9191	0.1261
7:59:37	20.9171	0.1267
7:59:47	20.9211	0.1261
7:59:57	20.9211	0.1237
8:00:07	20.9231	0.122
8:00:17	20.9211	0.1166
8:00:27	20.9191	0.1106
8:00:37	20.9211	0.1124
8:00:47	20.9211	0.1106
8:00:57	20.9211	0.1106
8:01:07	20.9211	0.1112
8:01:17	20.9211	0.1124
8:01:27	20.9211	0.1112
8:01:37	20.9231	0.1112
8:01:47	20.9211	0.1136
8:01:57	20.9191	0.1124
8:02:07	20.9211	0.1124
8:02:17	20.9231	0.1124
8:02:27	20.9231	0.1124
8:02:37	20.9231	0.1112
8:02:47	20.9211	0.1095
8:02:57	20.9246	0.1095
8:03:07	20.9231	0.1083
8:03:17	20.9211	0.1083
8:03:27	20.9191	0.1083
8:03:37	20.9231	0.1077
8:03:47	20.9231	0.1083
8:03:57	20.9211	0.1083
8:04:07	20.9231	0.1083
8:04:17	20.9211	0.1083
8:04:27	20.9211	0.1095
8:04:37	20.9211	0.1071
8:04:47	20.9211	0.1077
8:04:57	20.9211	0.1077
8:05:07	20.9211	0.1077
8:05:17	20.9211	0.0993
8:05:27	20.9211	0.113
8:05:37	20.9231	0.1124
8:05:47	20.9231	0.113
8:05:57	20.9246	0.113

	O2 (%)	CO2 (%)
8:06:07	20.9211	0.113
8:06:17	20.9211	0.113
8:06:27	20.9231	0.113
8:06:37	20.9246	0.1124
8:06:47	20.9231	0.1124
8:06:57	20.9231	0.1124
8:07:07	20.9231	0.1106
8:07:17	20.9211	0.1106
8:07:27	20.9211	0.1124
8:07:37	20.9231	0.1154
8:07:47	20.9211	0.1166
8:07:57	20.9266	0.1184
8:08:07	20.9246	0.1178
8:08:17	20.9231	0.116
8:08:27	20.9246	0.1166
8:08:37	20.9231	0.1136
8:08:47	20.9246	0.116
8:08:57	20.9246	0.1202
8:09:07	20.9246	0.1184
8:09:17	20.9246	0.1166
8:09:27	20.9246	0.1166
8:09:37	20.9246	0.1136
8:09:47	20.9266	0.1148
8:09:57	20.9266	0.1154
8:10:07	20.9266	0.122
8:10:17	20.9266	0.1124
8:10:27	20.9286	0.1047
8:10:37	20.9286	0.1029
8:10:47	20.9306	0.1023
8:10:57	20.9306	0.1023
8:11:07	20.9306	0.1041
8:11:17	20.9266	0.1041
8:11:27	20.9306	0.1053
8:11:37	20.9286	0.1071
8:11:47	20.9266	0.1059
8:11:57	20.9286	0.1059
8:12:07	20.9322	0.1053
8:12:17	20.9266	0.1041
8:12:27	20.9286	0.1071
8:12:37	20.9306	0.1077
8:12:47	20.9306	0.1005
8:12:57	20.9306	0.1005
8:13:07	20.9286	0.1023
8:13:17	20.9286	0.1017

	O2 (%)	CO2 (%)
8:13:27	20.9306	0.1005
8:13:37	20.9306	0.1017
8:13:47	20.9286	0.1005
8:13:57	20.9286	0.1041
8:14:07	20.9286	0.1047
8:14:17	20.9266	0.1029
8:14:27	20.9266	0.1041
8:14:37	20.9246	0.1077
8:14:47	20.9266	0.1059
8:14:57	20.9266	0.1053
8:15:07	20.9246	0.0987
8:15:17	20.9246	0.1047
8:15:27	20.9246	0.1041
8:15:37	20.9246	0.1017
8:15:47	20.9266	0.1023
8:15:57	20.9246	0.1023
8:16:07	20.9266	0.1005
8:16:17	20.9246	0.0999
8:16:27	20.9286	0.0993
8:16:37	20.9246	0.0976
8:16:47	20.9266	0.0999
8:16:57	20.9211	0.0987
8:17:07	20.9231	0.0952
8:17:17	20.9246	0.0964
8:17:27	20.9246	0.0993
8:17:37	20.9231	0.1059
8:17:47	20.9246	0.1178
8:17:57	20.9231	0.1178
8:18:07	20.9246	0.1166
8:18:17	20.9246	0.1154
8:18:27	20.9246	0.1154
8:18:37	20.9246	0.116
8:18:47	20.9266	0.116
8:18:57	20.9246	0.1124
8:19:07	20.9266	0.1124
8:19:17	20.9266	0.1124
8:19:27	20.9266	0.1112
8:19:37	20.9266	0.1106
8:19:47	20.9266	0.1077
8:19:57	20.9266	0.1136
8:20:07	20.9266	0.1243
8:20:17	20.9266	0.1243
8:20:27	20.9266	0.1249
8:20:37	20.9286	0.1249

	O2 (%)	CO2 (%)
8:20:47	20.9286	0.1243
8:20:57	20.9246	0.1237
8:21:07	20.9286	0.122
8:21:17	20.9266	0.1231
8:21:27	20.9266	0.1231
8:21:37	20.9211	0.1231
8:21:47	20.9266	0.1214
8:21:57	20.9266	0.1208
8:22:07	20.9286	0.119
8:22:17	20.9286	0.119
8:22:27	20.9266	0.1202
8:22:37	20.9286	0.113
8:22:47	20.9286	0.1095
8:22:57	20.9286	0.1095
8:23:07	20.9266	0.1112
8:23:17	20.9286	0.11
8:23:27	20.9135	0.11
8:23:37	20.915	0.1106
8:23:47	20.9246	0.1095
8:23:57	20.915	0.1083
8:24:07	20.9246	0.1095
8:24:17	20.9246	0.1083
8:24:27	20.9266	0.1077
8:24:37	20.9246	0.1077
8:24:47	20.9231	0.1077
8:24:57	20.9231	0.1083
8:25:07	20.9231	0.1077
8:25:17	20.9211	0.1077
8:25:27	20.9211	0.1077
8:25:37	20.9231	0.1071
8:25:47	20.9231	0.1053
8:25:57	20.9266	0.1047
8:26:07	20.9231	0.1053
8:26:17	20.9231	0.1053
8:26:27	20.9211	0.1047
8:26:37	20.9191	0.1059
8:26:47	20.9191	0.1059
8:26:57	20.9211	0.1053
8:27:07	20.9231	0.1059
8:27:17	20.9211	0.1059
8:27:27	20.9211	0.1059
8:27:37	20.9211	0.1083
8:27:47	20.9211	0.1112
8:27:57	20.9211	0.1106

	O2 (%)	CO2 (%)
8:28:07	20.9231	0.11
8:28:17	20.9211	0.1112
8:28:27	20.9211	0.113
8:28:37	20.9231	0.1124
8:28:47	20.9231	0.1112
8:28:57	20.9211	0.1112
8:29:07	20.9231	0.11
8:29:17	20.9231	0.1106
8:29:27	20.9211	0.113
8:29:37	20.9231	0.1106
8:29:47	20.9211	0.1095
8:29:57	20.8315	0.1749
8:30:07	20.9095	0.1148
8:30:17	20.9211	0.116
8:30:27	20.9231	0.1154
8:30:37	20.9231	0.1136
8:30:47	20.9246	0.113
8:30:57	20.9231	0.113
8:31:07	20.9231	0.1148
8:31:17	20.9231	0.1154
8:31:27	20.9246	0.1136
8:31:37	20.9246	0.1124
8:31:47	20.9231	0.113
8:31:57	20.9246	0.1136
8:32:07	20.9246	0.113
8:32:17	20.9231	0.1124
8:32:27	20.9231	0.1124
8:32:37	20.9246	0.1112
8:32:47	20.9246	0.097
8:32:57	20.9231	0.097
8:33:07	20.9231	0.0999
8:33:17	20.9266	0.0999
8:33:27	20.9266	0.0976
8:33:37	20.9246	0.0999
8:33:47	20.9246	0.1017
8:33:57	20.9266	0.1029
8:34:07	20.9266	0.1029
8:34:17	20.9266	0.1017
8:34:27	20.9286	0.1041
8:34:37	20.9266	0.1059
8:34:47	20.9266	0.1059
8:34:57	20.9266	0.1077
8:35:07	20.9286	0.1077
8:35:17	20.9286	0.0976

	O2 (%)	CO2 (%)
8:35:27	20.9266	0.0964
8:35:37	20.9306	0.094
8:35:47	20.9286	0.0916
8:35:57	20.9322	0.094
8:36:07	20.9306	0.0946
8:36:17	20.9322	0.0922
8:36:27	20.9322	0.0922
8:36:37	20.9342	0.094
8:36:47	20.9322	0.0964
8:36:57	20.9322	0.097
8:37:07	20.9322	0.0964
8:37:17	20.9322	0.097
8:37:27	20.9322	0.0999
8:37:37	20.9306	0.1023
8:37:47	20.9306	0.0987
8:37:57	20.9322	0.1059
8:38:07	20.9306	0.1029
8:38:17	20.9322	0.1029
8:38:27	20.9306	0.1053
8:38:37	20.9306	0.1059
8:38:47	20.9306	0.1041
8:38:57	20.9306	0.1005
8:39:07	20.9322	0.0999
8:39:17	20.9306	0.0993
8:39:27	20.9306	0.0987
8:39:37	20.9286	0.1005
8:39:47	20.9306	0.1005
8:39:57	20.9286	0.1017
8:40:07	20.9306	0.1017
8:40:17	20.9306	0.1041
8:40:27	20.9306	0.1154
8:40:37	20.9306	0.1148
8:40:47	20.9286	0.116
8:40:57	20.9322	0.113
8:41:07	20.9286	0.1106
8:41:17	20.9266	0.1095
8:41:27	20.9306	0.11
8:41:37	20.9286	0.1095
8:41:47	20.9266	0.1095
8:41:57	20.9266	0.1095
8:42:07	20.9286	0.1053
8:42:17	20.9266	0.1041
8:42:27	20.9246	0.1077
8:42:37	20.9266	0.1071

	O2 (%)	CO2 (%)
8:42:47	20.9513	0.116
8:42:57	20.9266	0.113
8:43:07	20.9266	0.1106
8:43:17	20.9191	0.113
8:43:27	20.904	0.1136
8:43:37	20.9231	0.1178
8:43:47	20.9211	0.1202
8:43:57	20.9266	0.1184
8:44:07	20.9286	0.1178
8:44:17	20.9266	0.1178
8:44:27	20.9306	0.119
8:44:37	20.9075	0.1208
8:44:47	20.9286	0.122
8:44:57	20.9362	0.1231
8:45:07	20.9286	0.1214
8:45:17	20.9306	0.1071
8:45:27	20.9246	0.1095
8:45:37	20.8848	0.113
8:45:47	20.9306	0.1148
8:45:57	20.9322	0.1136
8:46:07	20.9306	0.1148
8:46:17	20.9322	0.1178
8:46:27	20.9322	0.1178
8:46:37	20.9286	0.1166
8:46:47	20.9306	0.1178
8:46:57	20.9306	0.1184
8:47:07	20.9306	0.1208
8:47:17	20.9322	0.1214
8:47:27	20.9306	0.1214
8:47:37	20.9322	0.1208
8:47:47	20.9322	0.113
8:47:57	20.9342	0.1023
8:48:07	20.9342	0.1029
8:48:17	20.9342	0.1047
8:48:27	20.9342	0.1041
8:48:37	20.9362	0.1047
8:48:47	20.9342	0.1053
8:48:57	20.9362	0.1071
8:49:07	20.9362	0.1071
8:49:17	20.9362	0.1077
8:49:27	20.9362	0.1083
8:49:37	20.9362	0.11
8:49:47	20.9362	0.1124
8:49:57	20.9362	0.1136

	O2 (%)	CO2 (%)
8:50:07	20.9362	0.1083
8:50:17	20.9362	0.1124
8:50:27	20.9382	0.1148
8:50:37	20.9362	0.1112
8:50:47	20.9382	0.1106
8:50:57	20.9382	0.1148
8:51:07	20.9382	0.113
8:51:17	20.9382	0.1106
8:51:27	20.9382	0.113
8:51:37	20.9382	0.1148
8:51:47	20.9362	0.1124
8:51:57	20.9362	0.1106
8:52:07	20.9382	0.113
8:52:17	20.9382	0.1136
8:52:27	20.9382	0.113
8:52:37	20.9402	0.1273
8:52:47	20.9382	0.1112
8:52:57	20.9402	0.113
8:53:07	20.9382	0.1136
8:53:17	20.9402	0.113
8:53:27	20.9382	0.1148
8:53:37	20.9382	0.116
8:53:47	20.9382	0.1166
8:53:57	20.9402	0.116
8:54:07	20.9382	0.1148
8:54:17	20.9342	0.1154
8:54:27	20.9382	0.116
8:54:37	20.9382	0.116
8:54:47	20.9382	0.1184
8:54:57	20.9382	0.11
8:55:07	20.9382	0.1017
8:55:17	20.9402	0.1005
8:55:27	20.9382	0.0999
8:55:37	20.9402	0.0999
8:55:47	20.9382	0.1023
8:55:57	20.9382	0.1023
8:56:07	20.9417	0.1017
8:56:17	20.9417	0.1017
8:56:27	20.9402	0.1029
8:56:37	20.9402	0.1053
8:56:47	20.9402	0.1047
8:56:57	20.9417	0.1041
8:57:07	20.9402	0.1047
8:57:17	20.9402	0.0993



	O2 (%)	CO2 (%)
8:57:27	20.9417	0.1071
8:57:37	20.9437	0.1059
8:57:47	20.9417	0.1047
8:57:57	20.9402	0.1029
8:58:07	20.9402	0.1005
8:58:17	20.9417	0.1005
8:58:27	20.9417	0.0999
8:58:37	20.9417	0.1005
8:58:47	20.9437	0.1005
8:58:57	20.9417	0.1017
8:59:07	20.9417	0.0999
8:59:17	20.9417	0.0993
8:59:27	20.9417	0.0976
8:59:37	20.9417	0.1095
8:59:47	20.9417	0.1178
8:59:57	20.9417	0.1178
9:00:07	20.9417	0.1184
9:00:17	20.9417	0.1184
9:00:27	20.9402	0.1184
9:00:37	20.9417	0.1178
9:00:47	20.9417	0.1178
9:00:57	20.9417	0.1166
9:01:07	20.9417	0.116
9:01:17	20.9417	0.1154
9:01:27	20.9417	0.116
9:01:37	20.9417	0.1166
9:01:47	20.9417	0.1166
9:01:57	20.9437	0.1148
9:02:07	20.9417	0.116
9:02:17	20.9437	0.116
9:02:27	20.9417	0.1136
9:02:37	20.9437	0.1136
9:02:47	20.9417	0.1154
9:02:57	20.9402	0.1166
9:03:07	20.9402	0.1148
9:03:17	20.9417	0.1136
9:03:27	20.9417	0.116
9:03:37	20.9417	0.116
9:03:47	20.9417	0.1166
9:03:57	20.9402	0.116
9:04:07	20.9402	0.1154
9:04:17	20.9437	0.119
9:04:27	20.9417	0.1148
9:04:37	20.9417	0.1112

	O2 (%)	CO2 (%)
9:04:47	20.9402	0.1124
9:04:57	20.9402	0.1124
9:05:07	20.9417	0.1112
9:05:17	20.9402	0.1106
9:05:27	20.9417	0.1106
9:05:37	20.9417	0.1124
9:05:47	20.9417	0.1124
9:05:57	20.9417	0.1106
9:06:07	20.9437	0.1106
9:06:17	20.9417	0.1106
9:06:27	20.9417	0.1124
9:06:37	20.9402	0.1112
9:06:47	20.9402	0.1095
9:06:57	20.9417	0.1095
9:07:07	20.9417	0.1106
9:07:17	20.9417	0.11
9:07:27	20.9402	0.1083
9:07:37	20.9402	0.1095
9:07:47	20.9402	0.11
9:07:57	20.9402	0.1112
9:08:07	20.9402	0.11
9:08:17	20.9402	0.1083
9:08:27	20.9402	0.1095
9:08:37	20.9402	0.1083
9:08:47	20.9417	0.1083
9:08:57	20.9402	0.11
9:09:07	20.9417	0.1154
9:09:17	20.9417	0.1154
9:09:27	20.9382	0.1148
9:09:37	20.9402	0.1148
9:09:47	20.9417	0.1136
9:09:57	20.9417	0.1148
9:10:07	20.9417	0.1154
9:10:17	20.9437	0.1148
9:10:27	20.9437	0.116
9:10:37	20.9402	0.1184
9:10:47	20.9402	0.1166
9:10:57	20.9417	0.1148
9:11:07	20.9417	0.116
9:11:17	20.9417	0.1166
9:11:27	20.9402	0.1166
9:11:37	20.9402	0.1166
9:11:47	20.9402	0.1249
9:11:57	20.9402	0.1237

	O2 (%)	CO2 (%)
9:12:07	20.9402	0.122
9:12:17	20.9417	0.1202
9:12:27	20.9417	0.1202
9:12:37	20.9437	0.1202
9:12:47	20.9417	0.1208
9:12:57	20.9417	0.1214
9:13:07	20.9402	0.1214
9:13:17	20.9382	0.119
9:13:27	20.9417	0.1178
9:13:37	20.9417	0.1178
9:13:47	20.9402	0.116
9:13:57	20.9417	0.1208
9:14:07	20.9417	0.1243
9:14:17	20.9417	0.1231
9:14:27	20.9417	0.1231
9:14:37	20.9417	0.1237
9:14:47	20.9417	0.1231
9:14:57	20.9402	0.122
9:15:07	20.9417	0.1208
9:15:17	20.9417	0.1214
9:15:27	20.9417	0.122
9:15:37	20.9417	0.1231
9:15:47	20.9402	0.1214
9:15:57	20.9402	0.119
9:16:07	20.9417	0.1178
9:16:17	20.9402	0.1231
9:16:27	20.9402	0.1237
9:16:37	20.9402	0.1237
9:16:47	20.9417	0.122
9:16:57	20.9402	0.1214
9:17:07	20.9417	0.122
9:17:17	20.9417	0.1243
9:17:27	20.9402	0.1231
9:17:37	20.9402	0.119
9:17:47	20.9382	0.1202
9:17:57	20.9402	0.1208
9:18:07	20.9402	0.1184
9:18:17	20.9402	0.1178
9:18:27	20.9417	0.119
9:18:37	20.9402	0.1249
9:18:47	20.9402	0.119
9:18:57	20.9417	0.1178
9:19:07	20.9382	0.1237
9:19:17	20.9402	0.1214

	O2 (%)	CO2 (%)
9:19:27	20.9402	0.1214
9:19:37	20.9417	0.122
9:19:47	20.9437	0.1214
9:19:57	20.9402	0.122
9:20:07	20.9402	0.1231
9:20:17	20.9402	0.1273
9:20:27	20.9402	0.1249
9:20:37	20.9417	0.1243
9:20:47	20.9417	0.1231
9:20:57	20.9417	0.1202
9:21:07	20.9402	0.1178
9:21:17	20.9417	0.1184
9:21:27	20.9417	0.1184
9:21:37	20.9417	0.1184
9:21:47	20.9402	0.1214
9:21:57	20.9417	0.1202
9:22:07	20.9402	0.119
9:22:17	20.9417	0.1285
9:22:27	20.9402	0.1184
9:22:37	20.9417	0.1166
9:22:47	20.9417	0.119
9:22:57	20.9402	0.1202
9:23:07	20.9402	0.122
9:23:17	20.9417	0.1273
9:23:27	20.9402	0.1148
9:23:37	20.9402	0.1154
9:23:47	20.9402	0.116
9:23:57	20.9402	0.1178
9:24:07	20.9402	0.1178
9:24:17	20.9402	0.1178
9:24:27	20.9402	0.116
9:24:37	20.9402	0.1178
9:24:47	20.9402	0.1202
9:24:57	20.9417	0.1184
9:25:07	20.9417	0.1178
9:25:17	20.9382	0.1184
9:25:27	20.9382	0.1208
9:25:37	20.9382	0.116
9:25:47	20.9382	0.1053
9:25:57	20.9402	0.1053
9:26:07	20.9382	0.1071
9:26:17	20.9402	0.1071
9:26:27	20.9402	0.1083
9:26:37	20.9417	0.1077

	O2 (%)	CO2 (%)
9:26:47	20.9402	0.11
9:26:57	20.9417	0.1083
9:27:07	20.9417	0.1077
9:27:17	20.9437	0.1083
9:27:27	20.9417	0.1106
9:27:37	20.9382	0.1124
9:27:47	20.9402	0.1106
9:27:57	20.9402	0.1041
9:28:07	20.9402	0.1071
9:28:17	20.9402	0.1053
9:28:27	20.9402	0.1053
9:28:37	20.9417	0.1053
9:28:47	20.9417	0.1053
9:28:57	20.9417	0.1029
9:29:07	20.9417	0.1023
9:29:17	20.9417	0.1041
9:29:27	20.9417	0.1047
9:29:37	20.9417	0.1041
9:29:47	20.9402	0.1023
9:29:57	20.9437	0.1023
9:30:07	20.9417	0.1124
9:30:17	20.9417	0.1231
9:30:27	20.9417	0.1208
9:30:37	20.9437	0.1202
9:30:47	20.9437	0.1214
9:30:57	20.9417	0.1231
9:31:07	20.9402	0.1214
9:31:17	15.5252	5.6928
9:31:27	11.8379	6.367
9:31:37	11.2065	6.5753
9:31:47	10.9678	6.6854
9:31:57	10.8536	6.7146
9:32:07	10.9089	6.6473
9:32:17	11.0327	6.5503
9:32:27	11.1148	6.5307
9:32:37	11.1053	6.592
9:32:47	11.0214	6.6515
9:32:57	10.9202	6.7396
9:33:07	10.7869	6.8098
9:33:17	10.7274	6.8128
9:33:27	10.7965	6.7318
9:33:37	10.9149	6.6456
9:33:47	11.0327	6.5688
9:33:57	11.1131	6.5414

	O2 (%)	CO2 (%)
9:34:07	11.1035	6.5968
9:34:17	11.025	6.6533
9:34:27	10.9315	6.7217
9:34:37	10.8613	6.7408
9:34:47	10.85	6.7205
9:34:57	10.9315	6.6378
9:35:07	11.0577	6.5361
9:35:17	11.1833	6.4831
9:35:27	11.2541	6.4718
9:35:37	11.2005	6.5349
9:35:47	11.1434	6.5593
9:35:57	11.0958	6.5741
9:36:07	11.1131	6.5236
9:36:17	11.2065	6.4266
9:36:27	11.3267	6.3581
9:36:37	11.4088	6.323
9:36:47	11.4183	6.3444
9:36:57	11.3553	6.4295
9:37:07	11.2124	6.5283
9:37:17	11.0976	6.5908
9:37:27	11.0541	6.5962
9:37:37	11.0732	6.5718
9:37:47	11.1607	6.4819
9:37:57	11.2749	6.4069
9:38:07	11.3535	6.3724
9:38:17	11.3571	6.4129
9:38:27	11.2809	6.4986
9:38:37	11.1761	6.5444
9:38:47	11.1071	6.5884
9:38:57	11.0768	6.5771
9:39:07	11.1303	6.5176
9:39:17	11.2273	6.4396
9:39:27	11.3249	6.3688
9:39:37	11.3916	6.3474
9:39:47	11.3969	6.3766
9:39:57	11.3112	6.4742
9:40:07	11.2029	6.5313
9:40:17	11.1381	6.5694
9:40:27	11.094	6.5831
9:40:37	11.0922	6.5593
9:40:47	11.1738	6.4682
9:40:57	11.2749	6.4123
9:41:07	11.3077	6.4254
9:41:17	11.2696	6.4873

	O2 (%)	CO2 (%)
9:41:27	11.1416	6.5932
9:41:37	11.044	6.6515
9:41:47	10.9738	6.6801
9:41:57	10.972	6.6587
9:42:07	11.0369	6.5849
9:42:17	11.1607	6.4938
9:42:27	11.2505	6.4521
9:42:37	11.2773	6.4563
9:42:47	11.2696	6.4831
9:42:57	11.1874	6.5557
9:43:07	11.1226	6.5825
9:43:17	11.0559	6.6343
9:43:27	10.9869	6.6616
9:43:37	10.9988	6.6045
9:43:47	11.1089	6.52
9:43:57	11.216	6.4486
9:44:07	11.2672	6.4391
9:44:17	11.2386	6.4992
9:44:27	11.1547	6.5694
9:44:37	11.0595	6.6176
9:44:47	10.9988	6.6587
9:44:57	10.9506	6.6878

**Start Run 2A**

9:45:07	10.9012	6.7122
9:45:17	10.8952	6.708
9:45:27	10.9167	6.689
9:45:37	10.9262	6.6944
9:45:47	10.9012	6.7051
9:45:57	10.903	6.6955
9:46:07	10.8994	6.7158
9:46:17	10.8726	6.742
9:46:27	10.8667	6.7443
9:46:37	10.8595	6.7497
9:46:47	10.8268	6.7753
9:46:57	10.7732	6.7795
9:47:07	10.8554	6.7045
9:47:17	11.0309	6.5134
9:47:27	11.2481	6.354
9:47:37	11.4356	6.229
9:47:47	11.5481	6.1534
9:47:57	11.607	6.11
9:48:07	11.6546	6.0689
9:48:17	11.704	6.0588

	O2 (%)	CO2 (%)
9:48:27	11.6796	6.0885
9:48:37	11.6659	6.107
9:48:47	11.6528	6.1635
9:48:57	11.5457	6.2885
9:49:07	11.4183	6.3956
9:49:17	11.3154	6.4694
9:49:27	11.2791	6.4926
9:49:37	11.2291	6.517
9:49:47	11.2559	6.4962
9:49:57	11.2731	6.4748
9:50:07	11.2886	6.47
9:50:17	11.2844	6.4926
9:50:27	11.2333	6.539
9:50:37	11.222	6.5497
9:50:47	11.1761	6.5872
9:50:57	11.1529	6.5956
9:51:07	11.1529	6.5747
9:51:17	11.2255	6.4992
9:51:27	11.2844	6.4551
9:51:37	11.3475	6.423
9:51:47	11.3517	6.4575
9:51:57	11.2904	6.517
9:52:07	11.2333	6.5557
9:52:17	11.1857	6.5819
9:52:27	11.1624	6.5944
9:52:37	11.2029	6.5313
9:52:47	11.2922	6.464
9:52:57	11.3969	6.3873
9:53:07	11.466	6.3605
9:53:17	11.4219	6.4289
9:53:27	11.3321	6.4861
9:53:37	11.2368	6.5616
9:53:47	11.1511	6.6021
9:53:57	11.1285	6.5902
9:54:07	11.2255	6.4908
9:54:17	11.3267	6.4212
9:54:27	11.4237	6.3688
9:54:37	11.4564	6.3694
9:54:47	11.4088	6.4391
9:54:57	11.3321	6.4831
9:55:07	11.2273	6.5563
9:55:17	11.172	6.5777
9:55:27	11.1529	6.5593
9:55:37	11.2505	6.467



	O2 (%)	CO2 (%)
9:55:47	11.3838	6.3682
9:55:57	11.4737	6.3212
9:56:07	11.4981	6.3444
9:56:17	11.4332	6.4033
9:56:27	11.3457	6.4819
9:56:37	11.2178	6.5575
9:56:47	11.1642	6.5646
9:56:57	11.2291	6.4795
9:57:07	11.3303	6.4117
9:57:17	11.4392	6.3296
9:57:27	11.5023	6.3206
9:57:37	11.4963	6.3605
9:57:47	11.4332	6.4212
9:57:57	11.3362	6.4879
9:58:07	11.2541	6.5206
9:58:17	11.2315	6.5224
9:58:27	11.2963	6.4277
9:58:37	11.4219	6.3385
9:58:47	11.529	6.2724
9:58:57	11.5725	6.2718
9:59:07	11.5439	6.3337
9:59:17	11.4618	6.3962
9:59:27	11.3475	6.4873
9:59:37	11.2386	6.542
9:59:47	11.222	6.5117
9:59:57	11.3553	6.3807
10:00:07	11.4886	6.2897
10:00:17	11.582	6.2385
10:00:27	11.6183	6.248
10:00:37	11.5534	6.3284
10:00:47	11.4427	6.3932
10:00:57	11.3707	6.4402
10:01:07	11.2981	6.4748
10:01:17	11.2654	6.4855
10:01:27	11.2541	6.4777
10:01:37	11.319	6.4022
10:01:47	11.3172	6.4533
10:01:57	11.2672	6.4926
10:02:07	11.2791	6.426
10:02:17	11.3898	6.3331
10:02:27	11.4011	6.4396
10:02:37	11.1476	6.7146
10:02:47	10.8423	6.9342
10:02:57	10.6554	7.0479

	O2 (%)	CO2 (%)
10:03:07	10.6435	7.0157
10:03:17	10.7488	6.9372
10:03:27	10.8881	6.8211
10:03:37	11.0559	6.6914
10:03:47	11.2731	6.5099
10:03:57	11.4451	6.3885
10:04:07	11.5725	6.2986
10:04:17	11.601	6.3022
10:04:27	11.5552	6.3421
10:04:37	11.4713	6.3849
10:04:47	11.4279	6.4045
10:04:57	11.4261	6.3718
10:05:07	11.5136	6.2849
10:05:17	11.6129	6.2141
10:05:27	11.6832	6.1897
10:05:37	11.6588	6.2445
10:05:47	11.5671	6.3224
10:05:57	11.4356	6.4135
10:06:07	11.3422	6.4575
10:06:17	11.3344	6.4349
10:06:27	11.5707	6.3688
10:06:37	11.491	6.2968
10:06:47	11.5653	6.2843
10:06:57	11.5326	6.3415
10:07:07	11.4808	6.3944
10:07:17	11.3684	6.4771
10:07:27	11.2868	6.5206
10:07:37	11.2904	6.464
10:07:47	11.3916	6.3748
10:07:57	11.5005	6.2992
10:08:07	11.5725	6.279
10:08:17	11.582	6.298
10:08:27	11.5076	6.3932
10:08:37	11.3666	6.4825
10:08:47	11.2541	6.5456
10:08:57	11.2428	6.5009
10:09:07	11.3077	6.4533
10:09:17	11.3951	6.3956
10:09:27	11.4374	6.4087
10:09:37	11.3993	6.4635
10:09:47	11.2999	6.5575
10:09:57	11.1833	6.6229
10:10:07	11.1131	6.6402
10:10:17	11.1452	6.5801

	O2 (%)	CO2 (%)
10:10:27	11.2446	6.5015
10:10:37	11.3362	6.4498
10:10:47	11.3475	6.4938
10:10:57	11.3725	6.5372
10:11:07	11.2178	6.6116
10:11:17	11.1339	6.6503
10:11:27	11.1398	6.5872
10:11:37	11.2618	6.4771
10:11:47	11.4314	6.3337
10:11:57	11.5993	6.2421
10:12:07	11.7141	6.1713
10:12:17	11.8016	6.1397
10:12:27	11.8224	6.1332
10:12:37	11.8076	6.1469
10:12:47	11.8111	6.1171
10:12:57	11.8433	6.0909
10:13:07	11.895	6.0374
10:13:17	11.9676	5.9993
10:13:27	11.9694	6.0385
10:13:37	11.9141	6.1022
10:13:47	11.8034	6.1832
10:13:57	11.7308	6.2129
10:14:07	11.754	6.1742
10:14:17	11.754	6.1564
10:14:27	11.8147	6.1344
10:14:37	11.8189	6.1683
10:14:47	11.7522	6.2373
10:14:57	11.6088	6.3474
10:15:07	11.4546	6.442
10:15:17	11.3321	6.5265
10:15:27	11.2273	6.5777
10:15:37	11.8171	5.7821
10:15:47	11.9772	6.0981
10:15:57	11.6588	6.2498
10:16:07	11.5766	6.3421
10:16:17	11.4677	6.4123
10:16:27	11.4392	6.4176
10:16:37	11.4505	6.3932
10:16:47	11.4773	6.3712
10:16:57	11.479	6.3879
10:17:07	11.4356	6.4313
10:17:17	11.3951	6.442
10:17:27	11.382	6.4129
10:17:37	11.5326	6.2718

	O2 (%)	CO2 (%)
10:17:47	11.46	6.3736
10:17:57	11.4832	6.3659
10:18:07	11.4297	6.4646
10:18:17	11.4183	6.4551
10:18:27	11.4677	6.42
10:18:37	11.4963	6.4123
10:18:47	11.485	6.4319
10:18:57	11.4582	6.4533
10:19:07	11.4166	6.4795
10:19:17	11.3969	6.4968
10:19:27	11.3612	6.5158
10:19:37	11.338	6.5349
10:19:47	11.4011	6.4402
10:19:57	11.5439	6.2748
10:20:07	11.5975	6.2712
10:20:17	11.5671	6.3724
10:20:27	11.479	6.4682
10:20:37	11.3838	6.548
10:20:47	11.3422	6.5551
10:20:57	11.3779	6.5009
10:21:07	11.4981	6.3938
10:21:17	11.6588	6.2825
10:21:27	11.7956	6.1986
10:21:37	11.8569	6.1897
10:21:47	11.8456	6.2183
10:21:57	11.7463	6.2998
10:22:07	11.6373	6.3617
10:22:17	11.5844	6.348
10:22:27	11.651	6.2742
10:22:37	11.7558	6.1962
10:22:47	11.8206	6.1927
10:22:57	11.7671	6.2724
10:23:07	11.6528	6.3766
10:23:17	11.4677	6.4986
10:23:27	11.3112	6.5831
10:23:37	11.2428	6.5908
10:23:47	11.2523	6.5658
10:23:57	11.338	6.4754
10:24:07	11.441	6.4295
10:24:17	11.4564	6.4504
10:24:27	11.3856	6.523
10:24:37	11.2696	6.5795
10:24:47	11.1892	6.6134
10:24:57	11.2047	6.5575

	O2 (%)	CO2 (%)
10:25:07	11.2791	6.4855
10:25:17	11.3803	6.4075
10:25:27	11.4469	6.3932
10:25:37	11.4356	6.4295
10:25:47	11.3648	6.4992
10:25:57	11.2981	6.5289
10:26:07	11.2714	6.5212
10:26:17	11.338	6.448
10:26:27	11.4201	6.3903
10:26:37	11.485	6.3647
10:26:47	11.4505	6.4188
10:26:57	11.3457	6.5128
10:27:07	11.1607	6.6372
10:27:17	11.044	6.6741
10:27:27	11.0232	6.6515
10:27:37	11.0898	6.5849
10:27:47	11.1928	6.4962
10:27:57	11.313	6.4117
10:28:07	11.3874	6.3801
10:28:17	11.3779	6.3962
10:28:27	11.3094	6.4456
10:28:37	11.2315	6.5027
10:28:47	11.1702	6.5313
10:28:57	11.1071	6.5593
10:29:07	11.05	6.5985
10:29:17	11.0059	6.617
10:29:27	11.0024	6.617
10:29:37	11.0559	6.5634
10:29:47	11.1244	6.5158
10:29:57	11.1857	6.5051
10:30:07	11.1607	6.5581
10:30:17	11.0803	6.6325
10:30:27	11.0309	6.6467
10:30:37	11.0178	6.645
10:30:47	11.025	6.6485
10:30:57	10.9815	6.7021
10:31:07	10.8976	6.7592
10:31:17	10.7965	6.8562
10:31:27	10.6798	6.908
10:31:37	10.6001	6.9497
10:31:47	10.5465	6.9937
10:31:57	10.4947	7.005
10:32:07	10.4418	7.0568
10:32:17	10.3537	7.1139

	O2 (%)	CO2 (%)
10:32:27	10.243	7.1919
10:32:37	10.1918	7.0431
10:32:47	11.0803	6.5712
10:32:57	10.7756	6.8312
10:33:07	10.6572	6.8425
10:33:17	10.5257	7.0318
10:33:27	10.3959	7.1585
10:33:37	10.3216	7.1865
10:33:47	10.3216	7.1728
10:33:57	10.3614	7.1258
10:34:07	10.4489	7.0592
10:34:17	10.5043	7.0556
10:34:27	10.4686	7.1264
10:34:37	10.4834	6.9687
10:34:47	10.4686	7.0752
10:34:57	10.2983	7.1508
10:35:07	10.4322	7.0633
10:35:17	10.5882	6.9324
10:35:27	10.7715	6.8503
10:35:37	10.8232	6.8652
10:35:47	10.6649	6.9967
10:35:57	10.4971	7.0853
10:36:07	10.4263	7.0758
10:36:17	10.4513	7.0401
10:36:27	10.4989	7.0181
10:36:37	10.5233	7.0371
10:36:47	10.4703	7.1044
10:36:57	10.4203	7.0788
10:37:07	10.39	7.077
10:37:17	10.3805	7.0937
10:37:27	10.3995	7.0824
10:37:37	10.4531	7.0538
10:37:47	10.5025	7.0336
10:37:57	10.5275	7.0187
10:38:07	10.5578	6.9973
10:38:17	10.6019	6.9503
10:38:27	10.6554	6.9098
10:38:37	10.7792	6.7908
10:38:47	10.9452	6.6694
10:38:57	11.1113	6.5634
10:39:07	11.2178	6.5182
10:39:17	11.1928	6.5712
10:39:27	11.1071	6.6366
10:39:37	10.9851	6.7164

	O2 (%)	CO2 (%)
10:39:47	10.8994	6.7432
10:39:57	10.8952	6.7176
10:40:07	10.9643	6.6658
10:40:17	11.0291	6.6158
10:40:27	11.0708	6.6069
10:40:37	11.0214	6.6807
10:40:47	10.8994	6.7801
10:40:57	10.7637	6.8669
10:41:07	10.6667	6.9003
10:41:17	10.6703	6.8592
10:41:27	10.8113	6.7336
10:41:37	10.9774	6.6235
10:41:47	11.1131	6.5497
10:41:57	11.1642	6.5521
10:42:07	11.1261	6.6075
10:42:17	11.0101	6.7158
10:42:27	10.8459	6.811
10:42:37	10.7334	6.8538
10:42:47	10.7488	6.8045
10:42:57	10.8536	6.7128
10:43:07	10.9815	6.6456
10:43:17	11.0387	6.6426
10:43:27	10.9774	6.7217
10:43:37	10.8631	6.8021
10:43:47	10.703	6.9044
10:43:57	10.5786	6.9639
10:44:07	10.5179	6.9758
10:44:17	10.5465	6.9259
10:44:27	10.6435	6.8604
10:44:37	10.7393	6.8271
10:44:47	10.7566	6.8538
10:44:57	10.6649	6.9294
10:45:07	10.5959	6.9758
10:45:17	10.4912	7.0437
10:45:27	10.4489	7.0419
10:45:37	10.4739	6.9973
10:45:47	10.6001	6.8907
10:45:57	10.7637	6.7759
10:46:07	10.8822	6.7188
10:46:17	10.9054	6.7396
10:46:27	10.8209	6.8229
10:46:37	10.7334	6.8503
10:46:47	10.6364	6.9425
10:46:57	10.4971	7.0104

	O2 (%)	CO2 (%)
10:47:07	10.4358	7.0092
10:47:17	10.5275	6.9205
10:47:27	10.6572	6.8354
10:47:37	10.7637	6.7848
10:47:47	10.8042	6.8015
10:47:57	10.7352	6.8866
10:48:07	10.6435	6.9443
10:48:17	10.5197	7.0193
10:48:27	10.4281	7.0675
10:48:37	10.4227	7.027
10:48:47	10.5043	6.9616
10:48:57	10.6209	6.8652
10:49:07	10.7447	6.7931
10:49:17	10.8095	6.7937
10:49:27	10.7465	6.8533
10:49:37	10.659	6.9187
10:49:47	10.5656	6.9663
10:49:57	10.4947	6.9996
10:50:07	10.4894	6.9544
10:50:17	10.5751	6.8884
10:50:27	10.6721	6.8241
10:50:37	10.7429	6.8039
10:50:47	10.7334	6.8515
10:50:57	10.6417	6.908
10:51:07	10.5542	6.9556
10:51:17	10.4894	6.9949
10:51:27	10.4358	7.0121
10:51:37	10.3995	7.0193
10:51:47	10.3787	7.0425
10:51:57	10.3424	7.0615
10:52:07	10.3198	7.0651
10:52:17	10.3596	7.0193
10:52:27	10.434	6.9693
10:52:37	10.512	6.93
10:52:47	10.531	6.9485
10:52:57	10.493	6.9842
<b>End Run 2A</b>	<b>11.13754</b>	<b>6.587374</b>
10:53:07	10.4376	7.03
10:53:17	10.3727	7.0663
10:53:27	10.3061	7.1002
10:53:37	10.3001	7.0883
10:53:47	10.3787	7.0193
10:53:57	10.4281	6.9949



	O2 (%)	CO2 (%)
10:54:07	10.4358	7.0014
10:54:17	10.434	6.9895
10:54:27	8.7784	1.1515
10:54:37	0.7915	0.3237
10:54:47	0.1434	0.2445
10:54:57	0.0803	0.2124
10:55:07	0.0476	0.1749
10:55:17	0.0285	0.1666
10:55:27	0.0113	0.1481
10:55:37	-0.0078	0.1404
10:55:47	-0.0173	0.1344
<b>Zero Bias</b>	<b>-0.0046</b>	<b>0.140967</b>
10:55:57	-0.0227	0.1285
10:56:07	-0.0268	0.1285
10:56:17	5.7511	6.0338
10:56:27	6.1248	5.9517
10:56:37	9.3503	9.7752
10:56:47	9.8633	9.883
10:56:57	9.9282	9.9234
10:57:07	9.9574	9.955
10:57:17	9.974	9.9722
10:57:27	9.9817	9.9823
10:57:37	9.9913	9.996
<b>O2/CO2 Bias</b>	<b>9.982333</b>	<b>9.9835</b>
10:57:47	9.9972	10.005
10:57:57	10.005	10.0169
10:58:07	10.0067	10.0252
10:58:17	10.0103	10.0288
10:58:27	10.3347	7.2561
10:58:37	11.1857	6.2337
10:58:47	11.8819	5.5976
10:58:57	12.4901	5.1661
10:59:07	12.9573	4.8192
10:59:17	13.3888	4.5109
10:59:27	13.6804	4.327
10:59:37	13.8309	4.2324
10:59:47	13.894	4.1758
10:59:57	13.938	4.1241
11:00:07	13.9553	4.0925
11:00:17	13.9839	4.0485
11:00:27	14.0011	4.0193
11:00:37	14.0351	3.9807

	O2 (%)	CO2 (%)
11:00:47	14.1154	3.9188
11:00:57	14.1707	3.895
11:01:07	14.1838	3.8789
11:01:17	14.182	3.8831
11:01:27	14.157	3.8997
11:01:37	14.1249	3.8836
11:01:47	14.1612	3.8628
11:01:57	14.1898	3.8402
11:02:07	14.2148	3.8241
11:02:17	14.2433	3.8152
11:02:27	14.2719	3.792
11:02:37	14.3023	3.7718
11:02:47	14.3136	3.7718
11:02:57	14.3195	3.7682
11:03:07	14.329	3.7533
11:03:17	14.3403	3.7533
11:03:27	14.266	3.7509
11:03:37	14.3326	3.7527
11:03:47	14.3386	3.8319
11:03:57	6.2796	1.0271
11:04:07	0.6677	0.2689
11:04:17	0.2178	0.2082
11:04:27	0.1374	0.1815
11:04:37	0.0976	0.1588
11:04:47	0.0595	0.138
11:04:57	0.0345	0.1273
11:05:07	0.0154	0.1202
11:05:17	0.0059	0.1148
11:05:27	-0.0036	0.1106
11:05:37	-0.0149	0.1059
11:05:47	-0.0227	0.1041
11:05:57	-0.0304	0.0999
11:06:07	-0.034	0.0987
11:06:17	-0.0399	0.097
11:06:27	-0.0399	0.0946
11:06:37	-0.0459	0.094
11:06:47	-0.0477	0.0851
11:06:57	-0.0512	0.0815
11:07:07	-0.0512	0.0809
11:07:17	-0.0363	0.1291
11:07:27	10.8857	3.4236
11:07:37	11.0083	0.341
11:07:47	19.3072	0.122
11:07:57	20.2247	0.1017

	O2 (%)	CO2 (%)
11:08:07	20.3657	0.0916
11:08:17	20.4422	0.0839
11:08:27	20.4785	0.0809
11:08:37	20.5072	0.0785
11:08:47	20.5339	0.0761
11:08:57	20.549	0.0755
11:09:07	17.352	3.0993
11:09:17	7.7519	0.2094
11:09:27	0.8545	0.122
11:09:37	0.2939	0.11
11:09:47	0.1832	0.1041
11:09:57	0.1089	0.1005
11:10:07	0.0743	0.0993
11:10:17	0.044	0.0993
11:10:27	0.0232	0.097
11:10:37	0.0059	0.0964
11:10:47	-0.0078	0.0952
11:10:57	-0.0173	0.094
11:11:07	-0.0268	0.094
11:11:17	-0.0304	0.0886
11:11:27	-0.0381	0.0827
11:11:37	-0.0417	0.0827
11:11:47	-0.0459	0.0815
11:11:57	-0.0494	0.0851
11:12:07	9.4039	3.0065
11:12:17	15.5823	0.1749
11:12:27	19.8375	0.1095
11:12:37	20.2781	0.0987
11:12:47	20.3793	0.0934
11:12:57	20.4462	0.0892
11:13:07	20.482	0.088
11:13:17	20.5147	0.0868
11:13:27	20.5339	0.0749
11:13:37	20.553	0.0749
11:13:47	17.4039	3.1404
11:13:57	8.8052	0.2136
11:14:07	0.9539	0.1071
11:14:17	0.3035	0.0916
11:14:27	0.1797	0.0851
11:14:37	0.122	0.0827
11:14:47	0.0785	0.0809
11:14:57	0.0476	0.0779
11:15:07	0.0208	0.0761
11:15:17	0.0077	0.0761

	O2 (%)	CO2 (%)
11:15:27	-0.0096	0.0761
11:15:37	0.479	0.6439
11:15:47	10.3311	1.9019
11:15:57	17.5489	0.1374
11:16:07	20.051	0.097
11:16:17	20.3335	0.088
11:16:27	20.4175	0.0815
11:16:37	20.4689	0.0797
11:16:47	20.5052	0.0761
11:16:57	20.5318	0.0743
11:17:07	20.549	0.0726
11:17:17	20.5661	0.072
11:17:27	20.5797	0.0702
11:17:37	19.1738	2.3262
11:17:47	16.5952	1.1574
11:17:57	20.1582	0.1344
11:18:07	20.5167	0.1005
11:18:17	20.5565	0.0892
11:18:27	20.5701	0.0851
11:18:37	20.5777	0.0809
11:18:47	20.5852	0.0785
11:18:57	20.5908	0.0773
11:19:07	20.5968	0.0785
11:19:17	20.5968	0.0815
11:19:27	20.6023	0.0702
11:19:37	20.6023	0.0726
11:19:47	20.6064	0.072
11:19:57	20.6099	0.0726
11:20:07	20.6099	0.0726
11:20:17	20.6119	0.0803
11:20:27	20.4765	0.56
11:20:37	16.3893	1.9126
11:20:47	19.9825	0.1458
11:20:57	20.4191	0.1047
11:21:07	20.4613	0.0946
11:21:17	20.4689	0.0904
11:21:27	20.4729	0.088
11:21:37	16.7493	3.2748
11:21:47	17.4265	0.7302
11:21:57	20.3219	0.1404
11:22:07	20.5908	0.1106
11:22:17	20.6235	0.1029
11:22:27	20.6366	0.1017
11:22:37	20.6426	0.0964

	O2 (%)	CO2 (%)
11:22:47	20.6461	0.0934
11:22:57	20.6502	0.0892
11:23:07	17.4935	2.1453
11:23:17	4.868	0.1404
11:23:27	0.7022	0.1041
11:23:37	0.3356	0.0952
11:23:47	0.2231	0.0916
11:23:57	0.1624	0.0904
11:24:07	0.1184	0.0862
11:24:17	0.0839	0.0839
11:24:27	0.063	0.0833
11:24:37	0.0422	0.0827
11:24:47	0.0309	0.0827
11:24:57	0.0154	0.0827
11:25:07	0.0059	0.0833
11:25:17	-0.0018	0.0833
11:25:27	-0.0096	0.0815
11:25:37	-0.0149	0.0809
11:25:47	-0.0173	0.0809
11:25:57	-0.0244	0.0803
11:26:07	-0.0322	0.0803
11:26:17	-0.0381	0.0797
11:26:27	-0.0381	0.0803
11:26:37	-0.0363	0.0761
11:26:47	7.6031	5.0792
11:26:57	15.3306	0.2273
11:27:07	19.8183	0.1106
11:27:17	20.2801	0.0916
11:27:27	20.3944	0.0827
11:27:37	20.4518	0.0785
11:27:47	20.4936	0.0755
11:27:57	20.5263	0.0743
11:28:07	20.547	0.072
11:28:17	20.5681	0.072
11:28:27	20.5757	0.0702
11:28:37	17.064	5.0013
11:28:47	15.6698	1.2277
11:28:57	20.0741	0.1832
11:29:07	20.5052	0.1166
11:29:17	20.547	0.0999
11:29:27	20.5701	0.0892
11:29:37	20.5832	0.0839
11:29:47	20.5872	0.0815
11:29:57	20.5968	0.0773

	O2 (%)	CO2 (%)
11:30:07	20.5988	0.0761
11:30:17	20.6044	0.0749
11:30:27	20.6099	0.0732
11:30:37	20.6099	0.0726
11:30:47	20.6159	0.0708
11:30:57	20.6159	0.0708
11:31:07	20.6174	0.069
11:31:17	20.6174	0.0696
11:31:27	14.9491	5.7535
11:31:37	18.8913	0.3005
11:31:47	20.4729	0.1273
11:31:57	20.6044	0.1041
11:32:07	20.627	0.0922
11:32:17	20.6366	0.0851
11:32:27	20.6426	0.0809
11:32:37	20.6441	0.0809
11:32:47	20.6482	0.0785
11:32:57	20.6522	0.0755
11:33:07	20.6537	0.0702
11:33:17	20.6577	0.0672
11:33:27	20.6577	0.0666
11:33:37	20.6577	0.0672
11:33:47	20.6597	0.0648
11:33:57	20.6502	0.1327
11:34:07	15.4371	2.4774
11:34:17	20.0243	0.1481
11:34:27	20.5585	0.0964
11:34:37	20.6079	0.0839
11:34:47	20.6195	0.0761
11:34:57	20.6255	0.0708
11:35:07	20.629	0.069
11:35:17	20.631	0.0678
11:35:27	20.6351	0.0678
11:35:37	20.6351	0.0666
11:35:47	20.6366	0.0642
11:35:57	20.6351	0.0797
11:36:07	14.0333	5.9207
11:36:17	18.9391	0.2731
11:36:27	20.343	0.119
11:36:37	20.4593	0.0946
11:36:47	20.4785	0.0839
11:36:57	20.488	0.0773
11:37:07	20.4936	0.072
11:37:17	20.4976	0.0678

	O2 (%)	CO2 (%)
11:37:27	20.4996	0.0726
11:37:37	20.5011	0.0749
11:37:47	20.5011	0.0726
11:37:57	20.5031	0.0726
11:38:07	20.5031	0.072
11:38:17	20.5052	0.0696
11:38:27	15.0694	6.3034
11:38:37	12.677	1.1634
11:38:47	1.8787	0.1755
11:38:57	0.4386	0.1267
11:39:07	0.2594	0.1053
11:39:17	0.1815	0.094
11:39:27	0.1374	0.0868
11:39:37	0.1029	0.0827
11:39:47	0.0803	0.0827
11:39:57	0.0553	0.0815
11:40:07	0.044	0.0797
11:40:17	0.0309	0.0761
11:40:27	0.0232	0.0749
11:40:37	0.0113	0.0732
11:40:47	0.0077	0.0743
11:40:57	4.4829	5.7654
11:41:07	10.4281	0.6236
11:41:17	19.1909	0.1452
11:41:27	20.0988	0.1124
11:41:37	20.2287	0.0976
11:41:47	20.2917	0.0868
11:41:57	20.343	0.0839
11:42:07	20.3717	0.0803
11:42:17	20.3944	0.0785
11:42:27	16.2518	5.7398
11:42:37	18.1073	0.4326
11:42:47	20.341	0.1339
11:42:57	20.5359	0.1047
11:43:07	20.5661	0.094
11:43:17	20.5812	0.0868
11:43:27	20.5928	0.0827
11:43:37	20.5988	0.0809
11:43:47	20.6044	0.0779
11:43:57	20.6079	0.0761
11:44:07	20.6139	0.0815
11:44:17	20.6159	0.0827
11:44:27	20.0761	1.8573
11:44:37	16.5035	1.1057

	O2 (%)	CO2 (%)
11:44:47	20.2494	0.1541
11:44:57	20.5948	0.116
11:45:07	20.631	0.1029
11:45:17	20.6406	0.0976
11:45:27	20.6461	0.094
11:45:37	20.6522	0.091
11:45:47	20.6577	0.0892
11:45:57	20.6577	0.0868
11:46:07	20.2685	1.4229
11:46:17	15.1241	2.0775
11:46:27	19.9271	0.1624
11:46:37	20.4231	0.1095
11:46:47	20.4689	0.094
11:46:57	20.482	0.0851
11:47:07	20.488	0.0785
11:47:17	20.4901	0.0755
11:47:27	20.4956	0.0743
11:47:37	20.4976	0.072
11:47:47	20.1426	1.3699
11:47:57	13.9743	2.2745
11:48:07	2.7756	0.1666
11:48:17	0.532	0.1249
11:48:27	0.2844	0.0857
11:48:37	0.1963	0.0761
11:48:47	0.1529	0.0726
11:48:57	0.1106	0.0672
11:49:07	0.0839	0.0666
11:49:17	0.0613	0.0642
11:49:27	0.044	0.0624
11:49:37	0.0345	0.0618
11:49:47	3.895	5.4393
11:49:57	9.3259	7.2454
11:50:07	9.9687	7.2865
11:50:17	10.1305	7.2799
11:50:27	10.2257	7.2907
11:50:37	10.2412	7.352
11:50:47	10.1823	7.4323
11:50:57	10.0942	7.4948
11:51:07	10.0258	7.5537
11:51:17	9.98	7.5835
11:51:27	9.9609	7.5864
11:51:37	10.0621	7.4978
11:51:47	10.1764	7.4222
11:51:57	10.249	7.4085



	O2 (%)	CO2 (%)
11:52:07	10.2091	7.4728
11:52:17	10.0579	7.5811
11:52:27	9.8901	7.6894
11:52:37	9.7169	7.803
11:52:47	9.6021	7.853
11:52:57	9.6175	7.8078
11:53:07	9.736	7.7191
11:53:17	9.8925	7.6156
11:53:27	10.0121	7.5698
11:53:37	10.0526	7.5674
11:53:47	9.9669	7.6453
11:53:57	9.858	7.706
11:54:07	9.705	7.7977
11:54:17	9.6098	7.8352
11:54:27	9.6021	7.8025
11:54:37	9.6824	7.74
11:54:47	9.7836	7.6674
11:54:57	9.8633	7.6287
11:55:07	9.8847	7.6465
11:55:17	9.8252	7.6888
11:55:27	9.755	7.7584
11:55:37	9.6384	7.8167
11:55:47	9.5604	7.8566
11:55:57	9.5432	7.8358
11:56:07	9.6538	7.7352
11:56:17	9.8139	7.6453
11:56:27	9.9282	7.6096
11:56:37	9.9591	7.6323
11:56:47	9.9133	7.6834
11:56:57	9.8484	7.7179
11:57:07	9.7931	7.7429
11:57:17	9.7836	7.7334
11:57:27	9.8675	7.6477
11:57:37	10.0163	7.5448
11:57:47	10.1305	7.4995
11:57:57	10.165	7.5156
11:58:07	10.1133	7.5775
11:58:17	9.9913	7.6674
11:58:27	9.8502	7.7614
11:58:37	9.7741	7.784
11:58:47	9.7889	7.7602
11:58:57	9.8484	7.7138
11:59:07	9.9377	7.6489
11:59:17	10.0258	7.6079

	O2 (%)	CO2 (%)
11:59:27	10.0448	7.6394
11:59:37	9.9669	7.7358
11:59:47	9.8252	7.8429
11:59:57	9.6997	7.9369
12:00:07	9.6574	7.9548
12:00:17	9.6824	7.9566
12:00:27	9.7568	7.9161
12:00:37	9.8562	7.8679
12:00:47	9.8925	7.8733
12:00:57	9.8996	7.8709
12:01:07	9.8925	7.8816
12:01:17	9.8294	7.9001
12:01:27	9.8086	7.8983
12:01:37	9.8425	7.8578
12:01:47	9.8847	7.8298
12:01:57	9.921	7.8007
12:02:07	9.9532	7.7888
12:02:17	9.9187	7.8209
12:02:27	9.8806	7.828
12:02:37	9.8961	7.7941
12:02:47	9.9645	7.7316
12:02:57	10.0526	7.6691
12:03:07	10.1323	7.6358
12:03:17	10.1418	7.6638
12:03:27	10.0413	7.7412
12:03:37	9.9419	7.8167
12:03:47	9.8294	7.8721
12:03:57	9.7836	7.8792
12:04:07	9.8294	7.8274
12:04:17	9.9074	7.762
12:04:27	10.043	7.6602
12:04:37	10.1252	7.643
12:04:47	10.0889	7.6953
12:04:57	10.0085	7.7435
12:05:07	9.9341	7.809
12:05:17	9.8348	7.8495
12:05:27	9.8312	7.8405
12:05:37	9.883	7.7911
12:05:47	9.9472	7.7489
12:05:57	10.0276	7.6989
12:06:07	10.0603	7.7001
12:06:17	10.0163	7.7495
12:06:27	9.8943	7.8245
12:06:37	9.7913	7.8941

	O2 (%)	CO2 (%)
12:06:47	9.6955	7.9405
12:06:57	9.6669	7.9346
12:07:07	9.7318	7.8733
12:07:17	9.8348	7.7935
12:07:27	9.9341	7.7441
12:07:37	9.9817	7.7215
12:07:47	9.9704	7.7441
12:07:57	9.9282	7.7739
12:08:07	9.8847	7.7953
12:08:17	9.902	7.7513
12:08:27	10.005	7.6757
12:08:37	10.1496	7.5751
12:08:47	10.287	7.5061
12:08:57	10.3483	7.4948
12:09:07	10.3061	7.5614
12:09:17	10.1764	7.6757
12:09:27	9.9817	7.8167
12:09:37	9.7818	7.9358
12:09:47	9.6747	7.981
12:09:57	9.6711	7.9512
12:10:07	9.7913	7.8721
12:10:17	9.9359	7.7786
12:10:27	10.0657	7.7197
12:10:37	10.0847	7.7602
12:10:47	9.974	7.853
12:10:57	9.8484	7.9262
12:11:07	9.686	8.0304
12:11:17	9.589	8.0494
12:11:27	9.5432	8.0673
12:11:37	9.6479	7.9893
12:11:47	9.7913	7.8757
12:11:57	9.8925	7.8632
12:12:07	9.8312	7.9322
12:12:17	9.6747	8.0345
12:12:27	9.4783	8.1643
12:12:37	9.2343	8.3166
12:12:47	9.4533	7.6989
12:12:57	10.1591	7.7138
12:13:07	9.8806	7.8834
12:13:17	9.8538	7.881
12:13:27	9.7723	7.9762
12:13:37	9.7128	8.0101
12:13:47	9.6634	8.0328
12:13:57	9.5848	8.0839

	O2 (%)	CO2 (%)
12:14:07	9.5301	8.0869
12:14:17	9.5622	8.0429
12:14:27	9.7264	7.9125
12:14:37	9.9574	7.7632
12:14:47	10.2454	7.5329
12:14:57	10.3097	7.5543
12:15:07	10.3138	7.562
12:15:17	10.3388	7.6382
12:15:27	10.3269	7.6275
12:15:37	10.4394	7.5162
12:15:47	10.5656	7.4692
12:15:57	10.6495	7.3894
12:16:07	10.7792	7.2918
12:16:17	10.8708	7.2674
12:16:27	10.8137	7.3508
12:16:37	10.6816	7.4406
12:16:47	10.5542	7.5156
12:16:57	10.4626	7.5698
12:17:07	10.4531	7.4942
12:17:17	10.4626	7.4829
12:17:27	10.4073	7.5721
12:17:37	10.384	7.5829
12:17:47	10.4662	7.5007
12:17:57	10.6322	7.3799
12:18:07	10.8155	7.2532
12:18:17	10.947	7.1823
12:18:27	10.9893	7.18
12:18:37	10.9506	7.2294
12:18:47	10.8881	7.2734
12:18:57	10.8209	7.3162
12:19:07	10.7602	7.3436
12:19:17	10.7851	7.2972
12:19:27	10.9149	7.1895
12:19:37	11.0732	7.0842
12:19:47	11.1761	7.0377
12:19:57	11.1738	7.0693
12:20:07	11.0881	7.1514
12:20:17	10.9851	7.2103
12:20:27	10.8857	7.2835
12:20:37	10.7887	7.3478
12:20:47	10.7506	7.343
12:20:57	10.8	7.2895
12:21:07	10.8459	7.2698
12:21:17	10.8423	7.2948

	O2 (%)	CO2 (%)
12:21:27	10.7393	7.3996
12:21:37	10.531	7.5602
12:21:47	10.3216	7.6858
12:21:57	10.1496	7.7864
12:22:07	10.0371	7.8328
12:22:17	10.0734	7.7679
12:22:27	10.2013	7.6697
12:22:37	10.3537	7.5596
12:22:47	10.4626	7.5233
12:22:57	10.4358	7.5835
12:23:07	10.293	7.7049
12:23:17	10.1079	7.8382
12:23:27	9.9151	7.9304
12:23:37	9.8157	7.9542
12:23:47	9.8538	7.8786
12:23:57	9.9817	7.7828
12:24:07	10.1157	7.6971
12:24:17	10.2067	7.6572
12:24:27	10.2222	7.6882
12:24:37	10.121	7.7673
12:24:47	9.999	7.8614
12:24:57	9.8276	7.9625
12:25:07	9.7568	7.9994
12:25:17	9.7949	7.9102
12:25:27	9.9187	7.8072
12:25:37	10.0335	7.7459
12:25:47	10.0924	7.7346
12:25:57	10.0466	7.79
12:26:07	9.9687	7.8215
12:26:17	9.8925	7.8804
12:26:27	9.7836	7.9322
12:26:37	9.7282	7.9102
12:26:47	9.8026	7.8221
12:26:57	9.9264	7.7304
12:27:07	10.043	7.6638
12:27:17	10.0942	7.6697
12:27:27	10.0353	7.7299
12:27:37	9.9377	7.7995
12:27:47	9.8443	7.8614
12:27:57	9.7758	7.8876
12:28:07	9.7818	7.8643
12:28:17	9.877	7.7846
12:28:27	10.0145	7.6965
12:28:37	10.0984	7.6644

	O2 (%)	CO2 (%)
12:28:47	10.121	7.6805
12:28:57	10.0353	7.7816
12:29:07	9.9056	7.8899
12:29:17	9.755	7.9721
12:29:27	9.6842	8.0048
12:29:37	9.6901	7.9703
12:29:47	9.8044	7.8786
12:29:57	9.9246	7.7977
12:30:07	10.0181	7.759
12:30:17	10.0008	7.7983
12:30:27	9.8943	7.8923
12:30:37	9.7681	7.9667
12:30:47	9.6747	8.0024
12:30:57	9.6402	8.0119
12:31:07	9.7223	7.9274
12:31:17	9.8675	7.8304
12:31:27	10.0389	7.7275
12:31:37	10.1573	7.6888
12:31:47	10.1591	7.7239
12:31:57	10.0847	7.7757
12:32:07	9.9913	7.8376
12:32:17	9.8847	7.8757
12:32:27	9.8693	7.8477
12:32:37	9.9574	7.7566
12:32:47	10.0716	7.6816
12:32:57	10.1728	7.6084
12:33:07	10.224	7.5977
12:33:17	10.2067	7.6299
12:33:27	10.1537	7.6709
12:33:37	10.0508	7.7566
12:33:47	9.9574	7.8084
12:33:57	9.9341	7.8007
12:34:07	10.024	7.7233
12:34:17	10.1668	7.6233
12:34:27	10.3198	7.5317
12:34:37	10.4108	7.5055
12:34:47	10.3864	7.5638
12:34:57	10.2698	7.6459
12:35:07	10.1609	7.7084
12:35:17	10.0924	7.7358
12:35:27	10.0984	7.7078
12:35:37	10.2031	7.6144
12:35:47	10.3424	7.5299
12:35:57	10.4376	7.5055

	O2 (%)	CO2 (%)
12:36:07	10.4513	7.537
12:36:17	10.4073	7.6132
12:36:27	10.2888	7.7078
12:36:37	10.1936	7.7781
12:36:47	10.121	7.8048
12:36:57	10.14	7.7697
12:37:07	10.262	7.6703
12:37:17	10.4132	7.5519
12:37:27	10.5751	7.4615
12:37:37	10.634	7.4668
12:37:47	10.5864	7.5412
12:37:57	10.4358	7.6626
12:38:07	10.2775	7.7483
12:38:17	10.14	7.8304
12:38:27	10.0657	7.8423
12:38:37	10.1037	7.7667
12:38:47	10.2376	7.6644
12:38:57	10.3501	7.5995
12:39:07	10.4168	7.5656
12:39:17	10.4263	7.5936
12:39:27	10.346	7.6691
12:39:37	10.2109	7.7632
12:39:47	10.0561	7.8667
12:39:57	9.9627	7.8887
12:40:07	10.0145	7.8161
12:40:17	10.165	7.7049
12:40:27	10.3311	7.5781
12:40:37	10.4876	7.4972
12:40:47	10.5501	7.5055
12:40:57	10.5233	7.5596
12:41:07	10.4132	7.6543
12:41:17	10.2793	7.7507
12:41:27	10.1496	7.809
12:41:37	10.1418	7.7703
12:41:47	10.262	7.6572
12:41:57	10.3995	7.562
12:42:07	10.5388	7.4615
12:42:17	10.6019	7.4555
12:42:27	10.5638	7.4936
12:42:37	10.4608	7.5704
12:42:47	10.3537	7.6186
12:42:57	10.2585	7.6858
12:43:07	10.1954	7.7031
12:43:17	10.2317	7.6477

	O2 (%)	CO2 (%)
12:43:27	10.3406	7.5644
12:43:37	10.4608	7.4817
12:43:47	10.5388	7.4537
12:43:57	10.5293	7.5132
12:44:07	10.4073	7.6275
12:44:17	10.249	7.7358
12:44:27	10.1252	7.8019
12:44:37	10.0698	7.8126
12:44:47	10.0984	7.7846
12:44:57	10.2049	7.7007
12:45:07	10.3388	7.6019
12:45:17	10.4971	7.4995
12:45:27	10.5638	7.5025
12:45:37	10.5084	7.5775
12:45:47	10.3692	7.665
12:45:57	10.2966	7.6989
12:46:07	10.2299	7.7293
12:46:17	10.2109	7.7179
12:46:27	10.293	7.6263
12:46:37	10.4168	7.5382
12:46:47	10.5501	7.4406
12:46:57	10.6269	7.4234
12:47:07	10.5828	7.4888
12:47:17	10.4721	7.5674
12:47:27	10.3424	7.6674
12:47:37	10.1764	7.7721
12:47:47	10.0829	7.8007
12:47:57	10.1133	7.7382
12:48:07	10.2525	7.6358
12:48:17	10.371	7.5626
12:48:27	10.4816	7.5126
12:48:37	10.493	7.5477
12:48:47	10.3977	7.6382
12:48:57	10.293	7.7102
12:49:07	10.1996	7.7757
12:49:17	10.1174	7.8161
12:49:27	10.1061	7.7983
12:49:37	10.2186	7.6888
12:49:47	10.371	7.5751
12:49:57	10.5025	7.5019
12:50:07	10.5733	7.4864
12:50:17	10.5352	7.5477
12:50:27	10.4227	7.6269
12:50:37	10.3329	7.6709



	O2 (%)	CO2 (%)
12:50:47	10.2567	7.7179
12:50:57	10.2049	7.7382
12:51:07	10.249	7.6674
12:51:17	6.1992	0.9075
12:51:27	0.6141	0.3082
12:51:37	0.1106	0.2457
12:51:47	0.0535	0.2136
12:51:57	0.0309	0.191
12:52:07	0.0095	0.1755
12:52:17	-4.60E-05	0.1648
12:52:27	-0.0018	0.1624
12:52:37	-0.0191	0.1475
12:52:47	-0.0304	0.1374
12:52:57	-0.0381	0.1315
12:53:07	-0.0459	0.1267
12:53:17	-0.0477	0.1267
12:53:27	-0.0512	0.0987
12:53:37	-0.0536	0.113
12:53:47	-0.0572	0.1077
12:53:57	-0.059	0.1071
12:54:07	-0.059	0.1077
12:54:17	-0.0607	0.1053
12:54:27	-0.0631	0.1029
12:54:37	-0.0631	0.1023
12:54:47	2.9874	4.7841
12:54:57	11.2386	0.5617
12:55:07	19.3244	0.1642
12:55:17	20.1925	0.1321
12:55:27	20.347	0.1166
12:55:37	20.4135	0.1148
12:55:47	20.4573	0.1083
12:55:57	20.4901	0.1047
12:56:07	20.5127	0.1005
12:56:17	20.5339	0.0999
12:56:27	20.5449	0.0993
12:56:37	19.8108	2.5006
12:56:47	13.2912	3.5813
12:56:57	19.6753	0.2356
12:57:07	20.4402	0.1541
12:57:17	20.5147	0.1315
12:57:27	20.5374	0.1166
12:57:37	20.551	0.1095
12:57:47	20.5605	0.1029
12:57:57	20.5661	0.0904

	O2 (%)	CO2 (%)
12:58:07	20.5721	0.0892
12:58:17	20.5757	0.0862
12:58:27	20.5797	0.0851
12:58:37	20.5832	0.0839
12:58:47	20.5852	0.0839
12:58:57	20.5872	0.0809
12:59:07	19.0137	3.9467
12:59:17	16.6581	0.9384
12:59:27	20.0872	0.1666
12:59:37	20.3944	0.1237
12:59:47	20.4286	0.1083
12:59:57	20.4402	0.0922
13:00:07	20.4462	0.0857
13:00:17	20.4538	0.0827
13:00:27	20.4553	0.0803
13:00:37	20.4573	0.0785
13:00:47	20.4593	0.0761
13:00:57	20.4613	0.0761
13:01:07	20.4634	0.0755
13:01:17	16.3851	6.0147
13:01:27	11.2124	7.2776
13:01:37	10.6477	7.3883
13:01:47	10.5483	7.4156
13:01:57	10.5233	7.4501
13:02:07	10.5138	7.4722
13:02:17	10.5043	7.5126
13:02:27	10.4626	7.5543
13:02:37	10.3995	7.6144
13:02:47	10.3596	7.6507
13:02:57	10.3347	7.6763
13:03:07	10.3233	7.7102
13:03:17	10.2906	7.7412
13:03:27	10.287	7.756
13:03:37	10.2793	7.7834
13:03:47	10.2454	7.8114
13:03:57	10.2299	7.8114
13:04:07	10.2716	7.7453
13:04:17	10.3727	7.6626
13:04:27	10.5066	7.5513
13:04:37	10.6209	7.4763
13:04:47	10.6495	7.4948
13:04:57	10.5786	7.54
13:05:07	10.4721	7.6108
13:05:17	10.3293	7.6739

	O2 (%)	CO2 (%)
13:05:27	10.2739	7.6602
13:05:37	10.3079	7.6144
13:05:47	10.371	7.5513
13:05:57	10.4644	7.4817
13:06:07	10.5084	7.4775
13:06:17	10.4245	7.5704
13:06:27	10.2317	7.6918
13:06:37	10.0621	7.7983
13:06:47	9.8865	7.8899
13:06:57	9.8199	7.8971
13:07:07	9.8925	7.8126
13:07:17	10.0335	7.7179
13:07:27	10.1764	7.6287
13:07:37	10.249	7.6156
13:07:47	10.1972	7.6805
13:07:57	10.0942	7.7293
13:08:07	9.999	7.7858
13:08:17	9.9074	7.8292
13:08:27	9.921	7.781
13:08:37	10.0335	7.6864
13:08:47	10.1805	7.5817
13:08:57	10.3079	7.5073
13:09:07	10.3406	7.5239
13:09:17	10.2793	7.5805
13:09:27	10.1633	7.6483
13:09:37	10.0579	7.7102
13:09:47	9.955	7.7584
13:09:57	9.9419	7.737
13:10:07	10.0353	7.6644
13:10:17	10.1537	7.5811
13:10:27	10.2662	7.521
13:10:37	10.2906	7.5466
13:10:47	10.2204	7.6162
13:10:57	10.0924	7.6918
13:11:07	9.955	7.7489
13:11:17	9.8693	7.803
13:11:27	9.8943	7.7495
13:11:37	10.0181	7.6626
13:11:47	10.1728	7.5537
13:11:57	10.3001	7.4989
13:12:07	10.3501	7.4882
13:12:17	10.2835	7.571
13:12:27	11.6986	3.7997
13:12:37	19.2231	0.4981

	O2 (%)	CO2 (%)
13:12:47	20.5243	0.3285
13:12:57	20.7131	0.2541
13:13:07	20.772	0.2219
13:13:17	20.7972	0.2041
13:13:27	20.8179	0.1916
13:13:37	20.8274	0.1827
13:13:47	20.841	0.1773
13:13:57	18.4301	5.8725
13:14:07	11.5457	9.1813
13:14:17	10.7203	9.6455
13:14:27	10.2257	9.8627
13:14:37	10.1514	9.8984
13:14:47	10.1192	9.9294
13:14:57	10.096	9.9496
13:15:07	10.0793	9.9663
13:15:17	10.0716	9.977
13:15:27	10.0657	9.9853
13:15:37	10.0579	9.9937
13:15:47	10.0508	9.9942
13:15:57	12.9442	3.9182
13:16:07	19.7478	0.5617
13:16:17	20.5852	0.3963
13:16:27	20.7111	0.3207
13:16:37	20.7589	0.2761
13:16:47	20.7892	0.2463
13:16:57	20.8143	0.2213
13:17:07	20.8239	0.2053
13:17:17	20.837	0.2041
13:17:27	20.8445	0.2017
13:17:37	20.8521	0.1916
13:17:47	20.8617	0.1868
13:17:57	20.8677	0.1797
13:18:07	20.8692	0.1749
13:18:17	20.8712	0.1725
13:18:27	20.8753	0.1696
13:18:37	20.8773	0.1672
13:18:47	20.8788	0.1642
13:18:57	20.8788	0.1636
13:19:07	20.8828	0.1612
13:19:17	20.8828	0.1594
13:19:27	20.8868	0.1642
13:19:37	20.8848	0.1642
13:19:47	20.8884	0.1618
13:19:57	20.8904	0.1612

	O2 (%)	CO2 (%)
13:20:07	20.8884	0.1594
13:20:17	20.8884	0.1583
13:20:27	20.8924	0.1571
13:20:37	20.8924	0.1565
13:20:47	20.8924	0.1559
13:20:57	20.8924	0.1559
13:21:07	20.8959	0.1559
13:21:17	20.8959	0.1547
13:21:27	20.8959	0.1547
13:21:37	20.8959	0.1356
13:21:47	20.8979	0.1321
13:21:57	20.8959	0.1321
13:22:07	20.8979	0.1327
13:22:17	20.8979	0.1327
13:22:27	20.8979	0.1315
13:22:37	20.8999	0.1297
13:22:47	20.8979	0.1303
13:22:57	20.9019	0.1303
13:23:07	20.9019	0.1303
13:23:17	20.8999	0.1303
13:23:27	20.9019	0.1297
13:23:37	20.9019	0.1291
13:23:47	20.9055	0.1297
13:23:57	20.9019	0.1261
13:24:07	20.904	0.1261
13:24:17	20.9019	0.1237
13:24:27	20.904	0.1231
13:24:37	20.9095	0.1231
13:24:47	20.9055	0.1237
13:24:57	20.9055	0.1237
13:25:07	20.9075	0.1237
13:25:17	20.904	0.1243
13:25:27	20.9075	0.1243
13:25:37	20.9055	0.1243
13:25:47	20.9055	0.1231
13:25:57	20.9075	0.1344
13:26:07	20.9115	0.122
13:26:17	20.9055	0.1231
13:26:27	20.9075	0.122
13:26:37	20.9075	0.1214
13:26:47	20.9075	0.122
13:26:57	20.9075	0.1214
13:27:07	20.9095	0.1214
13:27:17	20.9095	0.1231

	O2 (%)	CO2 (%)
13:27:27	20.9095	0.1237
13:27:37	20.9075	0.1243
13:27:47	20.9115	0.1237
13:27:57	20.9095	0.1231
13:28:07	20.9075	0.122
13:28:17	20.9095	0.1202
13:28:27	20.9095	0.1202
13:28:37	20.9115	0.119
13:28:47	20.9135	0.1178
13:28:57	20.9115	0.1178
13:29:07	20.9115	0.119
13:29:17	20.9095	0.1184
13:29:27	20.9095	0.1166
13:29:37	20.9095	0.116
13:29:47	20.9115	0.1178
13:29:57	20.915	0.1178
13:30:07	20.915	0.1166
13:30:17	20.9135	0.1166
13:30:27	20.9095	0.1231
13:30:37	20.9095	0.1267
13:30:47	20.9135	0.1243
13:30:57	20.9115	0.1243
13:31:07	20.9115	0.1249
13:31:17	20.9095	0.1249
13:31:27	20.9135	0.1231
13:31:37	20.9115	0.1214
13:31:47	20.9115	0.122
13:31:57	20.9115	0.1231
13:32:07	20.8944	0.122
13:32:17	20.9095	0.119
13:32:27	20.9095	0.119
13:32:37	20.9115	0.119
13:32:47	20.9115	0.119
13:32:57	20.9095	0.1267
13:33:07	20.9075	0.1267
13:33:17	20.9095	0.1261
13:33:27	20.9075	0.1243
13:33:37	20.9095	0.1237
13:33:47	20.9095	0.1237
13:33:57	20.9075	0.122
13:34:07	20.9075	0.1231
13:34:17	20.9075	0.1214
13:34:27	20.9095	0.1231
13:34:37	20.9095	0.122

	O2 (%)	CO2 (%)
13:34:47	20.9095	0.122
13:34:57	20.9115	0.113
13:35:07	20.9095	0.1166
13:35:17	20.9095	0.116
13:35:27	20.9075	0.1166
13:35:37	20.9095	0.1154
13:35:47	20.9095	0.1178
13:35:57	20.9115	0.1166
13:36:07	20.9095	0.1166
13:36:17	20.9075	0.1166
13:36:27	20.9095	0.1166
13:36:37	20.8999	0.116
13:36:47	20.9115	0.116
13:36:57	20.9095	0.1154
13:37:07	20.9115	0.1208
13:37:17	20.915	0.1214
13:37:27	20.9135	0.1231
13:37:37	20.904	0.122
13:37:47	20.8999	0.122
13:37:57	20.9135	0.122
13:38:07	20.9095	0.1214
13:38:17	20.9115	0.122
13:38:27	20.9191	0.1231
13:38:37	20.9115	0.1231
13:38:47	20.9075	0.122
13:38:57	20.9095	0.1208
13:39:07	20.9095	0.1214
13:39:17	20.9095	0.1202
13:39:27	20.9095	0.122
13:39:37	20.9115	0.119
13:39:47	20.9115	0.1208
13:39:57	20.9095	0.1214
13:40:07	20.9095	0.1208
13:40:17	20.9095	0.1208

**Veolia Unit 2**

Uncorrected Concentrations									
10-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 3A	915-1023	11.30	6.29						0.00
Run 3B	1230-1540	10.20	7.47				0.07	45.29	0.13

Corrected O <sub>2</sub> Conc.					
10-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	915-1023	11.30	0.04	1.02	11.48
Run 3B	1230-1540	10.20	-0.03	1.02	10.38

Corrected CO <sub>2</sub> Conc.					
10-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	915-1023	6.29	0.13	1.02	6.28
Run 3B	1230-1540	7.47	0.12	1.02	7.50



**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/10/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 22.50  
**Analyzer Range:** 25  
**Units:** %  
**Technician(s):** kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	-0.04	0.04	0.2%
span gas	CC189665	22.50	07:14	22.64	0.14	0.6%
mid-range	CC43355	10.10	07:16	10.14	0.04	0.2%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3A	0.00	-0.04	07:33	-0.01	0.1%	10:25	0.09	0.6%	0.4%	$C_0 = 0.041$
	10.10	10.14	07:35	9.94	-0.9%	10:27	9.95	-0.9%	0.0%	$C_{MA}/(C_M - C_0) = 1.020$
	0.00	-0.04	10:25	0.09	0.6%	11:32	-0.05	-0.1%	-0.6%	$C_0 = 0.019$
	10.10	10.14	10:27	9.95	-0.9%	11:34	9.94	-0.9%	0.0%	$C_{MA}/(C_M - C_0) = 1.018$
Run 3B	0.00	-0.04	11:32	-0.05	-0.1%	15:43	-0.01	0.1%	0.2%	$C_0 = -0.032$
	10.10	10.14	11:34	9.94	-0.9%	15:45	9.89	-1.1%	-0.2%	$C_{MA}/(C_M - C_0) = 1.015$

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/10/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	0.04	0.04	0.2%
span gas	CC189665	19.20	07:14	19.29	0.09	0.5%
mid-range	CC43355	10.00	07:16	10.18	0.18	0.9%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3A	0.00	0.04	07:33	0.04	0.0%	10:25	0.22	0.9%	0.9%	$C_0 = 0.129$
	10.00	10.18	07:35	9.92	-1.3%	10:27	9.97	-1.1%	0.2%	$C_{MA}/(C_M - C_0) = 1.019$
	0.00	0.04	10:25	0.22	0.9%	11:32	0.09	0.3%	-0.7%	$C_0 = 0.155$
	10.00	10.18	10:27	9.97	-1.1%	11:34	9.95	-1.2%	-0.1%	$C_{MA}/(C_M - C_0) = 1.020$
Run 3B	0.00	0.04	11:32	0.09	0.3%	15:43	0.14	0.5%	0.3%	$C_0 = 0.118$
	10.00	10.18	11:34	9.95	-1.2%	15:45	9.90	-1.5%	-0.3%	$C_{MA}/(C_M - C_0) = 1.020$

**Veolia Unit 2  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/10/2013  
**Instrument Make/Model:** TECO 51i  
**ID Number:** 907634808  
**Span Value:** 25.00  
**Analyzer Range:** 25  
**Units:** ppm  
**Technician(s):** kmm

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	EEP443	0.00	11:43	0.24	0.24	n/a
<b>Span</b>	AAL4460	21.10	11:37	21.37	0.27	1.3%
<b>Mid</b>	AL899	12.90	11:39	12.69	0.21	1.6%
<b>Low</b>	CC250309	7.58	11:41	7.73	0.15	2.0%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 3B	0.24	11:34	0.02	-0.9
	12.69	11:36	12.56	-0.5
	0.24	13:34	0.02	-0.9
	12.69	13:36	12.56	-0.5
	0.24	14:44	0.01	-0.9
	12.69	14:47	12.55	-0.6
	0.24	15:43	-0.02	-1.0
	12.69	15:47	12.50	-0.7

	O2 (% )	CO2 (% )	THC (PPM )
24 hour time			
7:10:36	21.0067	0.1166	1.5032
7:10:46	21.0087	0.1154	1.2402
7:10:56	21.0525	0.1154	1.2056
7:11:06	19.5097	0.0815	1.1824
7:11:16	2.619	0.0505	1.1807
7:11:26	0.2386	0.0499	1.1729
7:11:36	0.0363	0.0482	1.1676
7:11:46	0.0017	0.0464	1.1598
7:11:56	-0.0149	0.0452	1.1729
7:12:06	-0.0286	0.0446	1.1771
7:12:16	-0.034	0.0428	1.1824
7:12:26	-0.0399	0.041	1.1824
7:12:36	-0.0459	0.0398	1.2116
<b>N2 Zero</b>	<b>-0.03993</b>	<b>0.0412</b>	<b>1.192133</b>
7:12:46	-0.0417	0.0392	1.236
7:12:56	4.8376	10.5447	1.236
7:13:06	20.5263	19.0247	1.2306
7:13:16	22.401	19.2257	1.2134
7:13:26	22.5938	19.2775	1.574
7:13:36	22.6301	19.3052	2.8154
7:13:46	22.6432	19.3254	2.894
7:13:56	22.6528	19.3425	3.4909
7:14:06	22.6588	19.3505	3.1892
7:14:16	22.6643	19.3571	2.7851
7:14:26	22.6412	19.3002	1.6502
7:14:36	22.6089	19.2166	1.3104
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.63813</b>	<b>19.2913</b>	<b>1.915233</b>
7:14:46	22.6301	19.3339	1.2533
7:14:56	16.6042	10.2043	1.2473
7:15:06	10.7637	10.2174	1.2187
7:15:16	10.224	10.2109	1.2306
7:15:26	10.1668	10.2043	1.2021
7:15:36	10.1537	10.1996	1.1616
7:15:46	10.1478	10.1847	1.139
7:15:56	10.1418	10.1829	1.1521
7:16:06	10.14	10.1805	1.1771
7:16:16	10.1365	10.1793	1.1676
<b>O2/CO2 Mid</b>	<b>10.13943</b>	<b>10.1809</b>	<b>1.1656</b>
7:16:26	10.1157	10.1377	1.1676
7:16:36	10.1704	10.1698	1.1693
7:16:46	9.9359	7.3752	1.1467

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:16:56	6.8116	0.354	1.3943
7:17:06	18.2161	0.2082	1.1444
7:17:16	15.8549	0.1702	1.1902
7:17:26	20.0434	0.1666	1.1884
7:17:36	20.6557	0.1594	1.1884
7:17:46	20.7358	0.1565	1.1884
7:17:56	20.7549	0.1529	1.1753
7:18:06	20.7645	0.1517	1.1711
7:18:16	20.77	0.1505	0.9384
7:18:26	10.2525	0.1017	2.068
7:18:36	1.3104	0.0761	2.2185
7:18:46	0.3624	0.0702	2.2852
7:18:56	0.2005	0.0678	2.1019
7:19:06	0.1339	0.0672	2.1174
7:19:16	0.0898	0.0666	2.0085
7:19:26	0.0595	0.0648	1.696
7:19:36	0.0363	0.0648	1.7204
7:19:46	0.019	0.0648	2.1001
7:19:56	0.0059	0.0648	2.3655
7:20:06	-0.0054	0.0648	2.9511
7:20:16	-0.0131	0.0642	2.8845
7:20:26	-0.0227	0.0648	3.2713
7:20:36	-0.0304	0.0666	3.3594
7:20:46	-0.034	0.0666	3.138
7:20:56	-0.0399	0.0672	3.1529
7:21:06	-0.0417	0.0696	3.0136
7:21:16	-0.0435	0.0702	2.7357
7:21:26	13.2894	0.1047	3.3189
7:21:36	19.494	0.1148	3.4962
7:21:46	20.339	0.1148	3.5022
7:21:56	20.4901	0.113	3.5462
7:22:06	20.5626	0.113	3.4105
7:22:16	20.6099	0.113	3.6379
7:22:26	20.6386	0.1136	3.4754
7:22:36	20.6557	0.1154	3.5801
7:22:46	20.6502	0.1214	3.6337
7:22:56	20.6079	0.1267	3.7902
7:23:06	20.5661	0.1285	3.7367
7:23:16	20.3622	0.1184	3.7271
7:23:26	19.7629	0.1202	3.7997
7:23:36	20.0761	0.1285	3.8206
7:23:46	20.0988	0.1303	3.9259
7:23:56	20.1084	0.1344	4.061
7:24:06	20.1159	0.1392	4.0229

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:24:16	20.1235	0.1392	4.0247
7:24:26	20.131	0.1464	4.0437
7:24:36	20.1406	0.16	4.0056
7:24:46	20.1562	0.1636	4.0652
7:24:56	19.9598	0.135	4.0306
7:25:06	19.9785	0.1481	4.0896
7:25:16	19.9331	0.1321	4.0437
7:25:26	19.9311	0.1321	4.0669
7:25:36	19.9311	0.1327	4.0765
7:25:46	19.9291	0.1344	4.0765
7:25:56	19.9291	0.135	4.1163
7:26:06	19.9407	0.1368	4.1491
7:26:16	19.9331	0.1392	4.1372
7:26:26	19.9291	0.1398	4.1604
7:26:36	19.9291	0.1404	4.1949
7:26:46	19.9291	0.141	4.2615
7:26:56	19.9291	0.1452	4.3109
7:27:06	19.9271	0.1588	4.3205
7:27:16	19.9251	0.1464	4.3437
7:27:26	19.9251	0.1475	4.3645
7:27:36	19.9291	0.1487	4.4924
7:27:46	19.9251	0.1517	4.5377
7:27:56	19.9291	0.1541	4.5038
7:28:06	19.9271	0.1565	4.5549
7:28:16	19.9271	0.1588	4.5531
7:28:26	19.9291	0.1594	4.4924
7:28:36	19.9271	0.1612	4.4657
7:28:46	19.9251	0.1624	4.4294
7:28:56	19.9291	0.1642	3.3802
7:29:06	19.9311	0.1654	3.3457
7:29:16	19.9346	0.1678	3.3516
7:29:26	19.9331	0.1696	3.2731
7:29:36	19.9346	0.1702	3.3957
7:29:46	19.9251	0.169	3.4605
7:29:56	19.9311	0.1666	3.47
7:30:06	19.9367	0.1696	3.3784
7:30:16	19.9291	0.1708	3.5956
7:30:26	19.9271	0.1779	4.1639
7:30:36	19.6068	0.1481	1.5907
7:30:46	20.1753	0.1374	1.3413
7:30:56	20.4649	0.1148	1.4461
7:31:06	20.6351	0.11	1.402
7:31:16	20.69	0.1095	1.4669
7:31:26	20.7071	0.1083	1.4383

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:31:36	20.7166	0.1095	-0.059
7:31:46	20.0323	0.097	-0.3107
7:31:56	6.8592	0.0607	-0.3529
7:32:06	3.0939	0.0553	-0.0494
7:32:16	1.2723	0.0499	-0.0435
7:32:26	0.3933	0.0476	-0.0494
7:32:36	0.1583	0.0482	0.0708
7:32:46	0.0821	0.0464	0.0613
7:32:56	0.0458	0.0446	0.063
7:33:06	0.019	0.0428	0.063
7:33:16	0.0041	0.041	0.0708
7:33:26	-0.0096	0.0398	0.0648
7:33:36	-0.0191	0.038	0.967
<b>N2 Zero</b>	<b>-0.0082</b>	<b>0.0396</b>	<b>0.367533</b>
7:33:46	-0.0268	0.0374	0.1868
7:33:56	9.9496	0.0999	-0.0096
7:34:06	8.2196	7.6549	0.0041
7:34:16	9.4765	8.7457	0.0095
7:34:26	9.8217	9.4503	0.0095
7:34:36	9.8788	9.7711	-0.0078
7:34:46	9.902	9.8473	-0.0036
7:34:56	9.9187	9.8794	0.0095
7:35:06	9.9264	9.8978	0.0059
7:35:16	9.9341	9.9133	0.0041
7:35:26	9.9377	9.9252	0.0041
7:35:36	9.9419	9.9359	0.0232
<b>O2/CO2 Bias</b>	<b>9.9379</b>	<b>9.9248</b>	<b>0.010467</b>
7:35:46	9.9419	9.9413	1.94
7:35:56	10.6667	6.9318	2.2185
7:36:06	17.5141	1.7115	2.5024
7:36:16	19.1547	1.2783	2.3346
7:36:26	19.9694	0.6397	1.9019
7:36:36	20.4135	0.332	1.7359
7:36:46	20.5777	0.2457	1.6633
7:36:56	20.6386	0.1993	1.5853
7:37:06	20.6673	0.1773	1.5585
7:37:16	20.6824	0.1648	1.5585
7:37:26	20.694	0.1541	1.5585
7:37:36	20.7036	0.1481	1.5871
7:37:46	20.7111	0.1446	1.574
7:37:56	20.7151	0.141	1.5663
7:38:06	20.7187	0.1392	1.5431

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:38:16	20.7207	0.138	1.5472
7:38:26	20.7282	0.1368	1.5395
7:38:36	20.7302	0.138	1.5336
7:38:46	20.7343	0.1344	1.5258
7:38:56	20.7358	0.1303	1.5068
7:39:06	20.7378	0.1297	1.5109
7:39:16	20.7378	0.1339	1.5032
7:39:26	20.7378	0.1261	1.4824
7:39:36	20.7418	0.1214	1.4996
7:39:46	20.7433	0.119	1.5068
7:39:56	20.7474	0.116	1.5163
7:40:06	20.7474	0.1166	1.5145
7:40:16	20.7494	0.1136	1.524
7:40:26	20.7494	0.1124	1.4955
7:40:36	20.7514	0.113	0.2654
7:40:46	20.0414	2.8833	0.1279
7:40:56	7.365	0.4183	0.1053
7:41:06	2.594	0.2041	0.0785
7:41:16	1.6216	0.2612	0.0785
7:41:26	0.5897	0.1344	0.0708
7:41:36	0.2118	0.0809	0.0648
7:41:46	0.088	0.0702	0.3814
7:41:56	0.0404	0.0648	10.5715
7:42:06	7.9846	0.0993	20.8199
7:42:16	13.3025	0.0648	21.0203
7:42:26	17.8445	0.0624	21.0505
7:42:36	19.2025	0.0613	21.045
7:42:46	19.914	0.0607	21.058
7:42:56	20.2609	0.0589	21.0696
7:43:06	20.3833	0.0571	21.0772
7:43:16	20.4306	0.0583	13.4762
7:43:26	20.4538	0.0589	8.0322
7:43:36	20.5565	0.0976	0.2309
7:43:46	11.7826	0.0642	0.1148
7:43:56	3.3498	0.0618	0.1011
7:44:06	2.0811	0.0666	0.0857
7:44:16	0.9384	0.0648	0.0785
7:44:26	0.3529	0.0654	0.0726
7:44:36	0.1279	0.0648	0.0708
7:44:46	0.0476	0.0642	0.3588
7:44:56	0.0113	0.0642	17.497
7:45:06	5.7321	0.0833	20.9669
7:45:16	14.6171	0.0642	21.0641
7:45:26	17.8822	0.0642	21.0832



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:45:36	19.1622	0.0636	21.0867
7:45:46	19.91	0.0624	21.0983
7:45:56	20.263	0.0624	21.0888
7:46:06	20.3793	0.0618	21.1024
7:46:16	20.4271	0.0618	17.6994
7:46:26	20.4538	0.0613	10.556
7:46:36	20.5243	0.0952	0.3415
7:46:46	14.6778	0.0678	0.1166
7:46:56	3.8128	0.0624	0.1089
7:47:06	2.1114	0.0595	0.1089
7:47:16	1.2324	0.0595	0.0993
7:47:26	0.5207	0.0589	0.0934
7:47:36	0.1737	0.0583	0.0898
7:47:46	0.063	0.0583	0.0916
7:47:56	0.0172	0.0595	2.6934
7:48:06	2.3346	0.0803	20.4613
7:48:16	10.7221	0.0678	21.047
7:48:26	16.9708	0.0607	21.0772
7:48:36	18.7559	0.0595	21.0847
7:48:46	19.6814	0.0589	21.1024
7:48:56	20.2096	0.0589	21.1059
7:49:06	20.3677	0.0589	8.0589
7:49:16	20.4251	0.0654	1.0682
7:49:26	19.2408	0.0708	0.1434
7:49:36	5.6083	0.0613	0.1089
7:49:46	2.6077	0.0696	0.1011
7:49:56	1.2378	0.0571	0.0934
7:50:06	0.435	0.0559	0.0785
7:50:16	0.1505	0.0559	0.0857
7:50:26	0.0553	0.0559	1.2324
7:50:36	8.8011	0.0987	1.4479
7:50:46	17.0317	0.1083	1.4919
7:50:56	19.8777	0.113	1.4919
7:51:06	20.5052	0.1136	1.4782
7:51:16	20.631	0.1136	1.4764
7:51:26	20.6804	0.1136	1.4901
7:51:36	20.7091	0.1136	1.4687
7:51:46	20.7262	0.113	1.461
7:51:56	20.7398	0.113	1.461
7:52:06	20.7474	0.113	1.461
7:52:16	20.7529	0.1136	1.461
7:52:26	20.7589	0.1112	1.4687
7:52:36	20.761	0.1214	1.4764
7:52:46	20.7645	0.1214	1.4877

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:52:56	20.7665	0.1214	1.5205
7:53:06	20.77	0.1208	1.5109
7:53:16	20.774	0.1208	1.5068
7:53:26	20.774	0.1208	1.48
7:53:36	20.7761	0.1202	1.4842
7:53:46	20.7781	0.119	1.4687
7:53:56	20.7796	0.119	1.4764
7:54:06	20.7796	0.119	1.4842
7:54:16	20.7816	0.1202	1.4859
7:54:26	20.7836	0.1202	1.4919
7:54:36	20.7856	0.1184	1.48
7:54:46	20.7856	0.1178	1.4842
7:54:56	20.7876	0.1267	1.4764
7:55:06	20.7892	0.1344	1.4842
7:55:16	20.7892	0.1356	1.4901
7:55:26	20.7892	0.135	1.4919
7:55:36	20.7912	0.1339	1.4919
7:55:46	20.7932	0.1327	1.5222
7:55:56	20.7932	0.1321	1.5282
7:56:06	20.7952	0.1315	1.5222
7:56:16	20.7952	0.1297	1.5145
7:56:26	20.7952	0.1291	1.5014
7:56:36	20.7972	0.1291	1.4919
7:56:46	20.7987	0.1285	1.4919
7:56:56	20.7987	0.1297	1.4842
7:57:06	20.8007	0.1291	1.4842
7:57:16	20.8027	0.1297	1.4877
7:57:26	20.8027	0.1303	1.5068
7:57:36	20.8007	0.138	1.5145
7:57:46	20.8048	0.1249	1.5205
7:57:56	20.8048	0.1267	1.4937
7:58:06	20.8063	0.1261	1.4919
7:58:16	20.8063	0.1249	1.5032
7:58:26	20.8048	0.1303	1.4919
7:58:36	20.8083	0.1291	1.4996
7:58:46	20.8083	0.1267	1.4919
7:58:56	20.8103	0.1267	1.4919
7:59:06	20.8123	0.1267	1.4919
7:59:16	20.8123	0.1267	1.4782
7:59:26	20.8123	0.1267	1.4842
7:59:36	20.8123	0.1273	1.4919
7:59:46	20.8158	0.1291	1.4919
7:59:56	20.8158	0.1297	1.4996
8:00:06	20.8143	0.1178	1.4996

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:00:16	20.8158	0.113	1.4996
8:00:26	20.8158	0.113	1.4937
8:00:36	20.8158	0.1136	1.5092
8:00:46	20.8179	0.1124	1.5092
8:00:56	20.8123	0.122	1.549
8:01:06	20.8143	0.1148	1.5353
8:01:16	20.8143	0.119	1.5145
8:01:26	20.8123	0.122	1.5109
8:01:36	20.8179	0.113	1.4973
8:01:46	20.8199	0.1136	1.4996
8:01:56	20.8219	0.1148	1.4996
8:02:06	20.8199	0.1124	1.4919
8:02:16	20.8199	0.1148	1.4764
8:02:26	20.8199	0.1136	1.4937
8:02:36	20.8219	0.1267	1.5068
8:02:46	20.8219	0.1148	1.505
8:02:56	20.8239	0.1148	1.4996
8:03:06	20.8219	0.1154	1.5032
8:03:16	20.8219	0.116	1.505
8:03:26	20.8239	0.1166	1.5068
8:03:36	20.8239	0.1178	1.4996
8:03:46	20.8254	0.116	1.4996
8:03:56	20.8274	0.1154	1.4955
8:04:06	20.8294	0.1154	1.4996
8:04:16	20.8294	0.116	1.505
8:04:26	20.8294	0.1166	1.5092
8:04:36	20.8294	0.1166	1.5222
8:04:46	20.8315	0.1154	1.5222
8:04:56	20.8294	0.1178	1.5353
8:05:06	20.8315	0.1154	1.5353
8:05:16	20.8315	0.1231	1.53
8:05:26	20.8315	0.113	1.5353
8:05:36	20.8315	0.1112	1.5353
8:05:46	20.833	0.113	1.5318
8:05:56	20.833	0.1112	1.5318
8:06:06	20.833	0.1106	1.53
8:06:16	20.833	0.11	1.53
8:06:26	20.835	0.113	1.5205
8:06:36	20.835	0.1124	1.5205
8:06:46	20.835	0.11	1.5205
8:06:56	20.835	0.1112	1.5163
8:07:06	20.835	0.113	1.5145
8:07:16	20.835	0.1124	1.5092
8:07:26	20.837	0.1124	1.524

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:07:36	20.837	0.1136	1.5145
8:07:46	20.837	0.1148	1.5068
8:07:56	20.837	0.1178	1.4859
8:08:06	20.835	0.1178	1.4919
8:08:16	20.835	0.1184	1.4996
8:08:26	20.837	0.122	1.4996
8:08:36	20.839	0.119	1.5109
8:08:46	20.837	0.1166	1.5109
8:08:56	20.837	0.1154	1.5282
8:09:06	20.837	0.1178	1.5353
8:09:16	20.833	0.1184	1.5353
8:09:26	20.835	0.116	1.5716
8:09:36	20.837	0.1148	1.6252
8:09:46	20.839	0.1136	1.5984
8:09:56	20.839	0.1136	1.5949
8:10:06	20.839	0.1184	1.6216
8:10:16	20.839	0.1208	1.6234
8:10:26	20.839	0.1208	1.6347
8:10:36	20.839	0.1202	1.6193
8:10:46	20.839	0.119	1.5812
8:10:56	20.841	0.1184	1.6502
8:11:06	20.8425	0.119	1.6002
8:11:16	20.8425	0.1184	1.5835
8:11:26	20.841	0.119	1.6026
8:11:36	20.837	0.1202	1.6823
8:11:46	20.839	0.119	1.6556
8:11:56	20.841	0.1184	1.627
8:12:06	20.839	0.1184	1.5794
8:12:16	20.841	0.1178	1.5871
8:12:26	20.8425	0.1166	1.6079
8:12:36	20.839	0.11	1.6633
8:12:46	20.841	0.1148	1.646
8:12:56	20.841	0.116	1.5949
8:13:06	20.841	0.1148	1.6121
8:13:16	20.839	0.116	1.5621
8:13:26	20.841	0.1154	1.5431
8:13:36	20.8425	0.1148	1.5449
8:13:46	20.8425	0.1166	1.5353
8:13:56	20.839	0.1154	1.5318
8:14:06	20.8425	0.1136	1.5282
8:14:16	20.8425	0.113	1.5431
8:14:26	20.8445	0.1136	1.5318
8:14:36	20.8445	0.1136	1.5353
8:14:46	20.8445	0.1136	1.5282

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:14:56	20.8445	0.113	1.5145
8:15:06	20.8466	0.1237	1.524
8:15:16	20.8445	0.1214	1.5145
8:15:26	20.8445	0.1231	1.4919
8:15:36	20.8466	0.1208	1.48
8:15:46	20.8445	0.1202	1.4729
8:15:56	20.8445	0.1202	1.4687
8:16:06	20.8466	0.119	1.461
8:16:16	20.8445	0.122	1.461
8:16:26	20.8425	0.1202	1.4479
8:16:36	20.8466	0.1202	1.4514
8:16:46	20.8466	0.119	1.4556
8:16:56	20.8486	0.119	1.4651
8:17:06	20.8466	0.1184	1.461
8:17:16	20.8486	0.119	1.4556
8:17:26	20.8466	0.119	1.4556
8:17:36	20.8486	0.1208	1.4729
8:17:46	20.8466	0.1184	1.461
8:17:56	20.8486	0.1166	1.4538
8:18:06	20.8486	0.1166	1.4556
8:18:16	20.8486	0.1178	1.4592
8:18:26	20.8486	0.116	1.4479
8:18:36	20.8486	0.1166	1.4461
8:18:46	20.8486	0.1184	1.4479
8:18:56	20.8486	0.1178	1.4383
8:19:06	20.8486	0.1178	1.4496
8:19:16	20.8486	0.1178	1.4556
8:19:26	20.8506	0.1184	1.4496
8:19:36	20.8506	0.1184	1.4592
8:19:46	20.8486	0.1178	1.4574
8:19:56	20.8506	0.1106	1.4538
8:20:06	20.8466	0.1071	1.4479
8:20:16	20.8486	0.1041	1.4157
8:20:26	20.8506	0.1047	1.6097
8:20:36	20.8486	0.1112	1.6883
8:20:46	20.8466	0.11	1.6651
8:20:56	20.8486	0.1077	1.4973
8:21:06	20.8506	0.1047	1.4574
8:21:16	20.8486	0.1047	1.4496
8:21:26	20.8506	0.1059	1.4687
8:21:36	20.8506	0.1053	1.4383
8:21:46	20.8521	0.1041	1.4306
8:21:56	20.8506	0.1059	1.4288
8:22:06	20.8506	0.1083	1.4098

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:22:16	20.8486	0.113	1.402
8:22:26	20.8506	0.1243	1.402
8:22:36	20.8521	0.1249	1.3943
8:22:46	20.8521	0.1249	1.3925
8:22:56	20.8486	0.1291	1.3735
8:23:06	20.8506	0.1249	1.3866
8:23:16	20.8486	0.1267	1.3735
8:23:26	20.8521	0.1249	1.3622
8:23:36	20.8521	0.1237	1.3735
8:23:46	20.8521	0.1249	1.3735
8:23:56	20.8541	0.1231	1.3794
8:24:06	20.8541	0.1243	1.3943
8:24:16	20.8541	0.1243	1.3848
8:24:26	20.8521	0.1261	1.3889
8:24:36	20.8506	0.1291	1.3735
8:24:46	20.8506	0.1261	1.3717
8:24:56	20.8486	0.1249	1.3735
8:25:06	20.8506	0.1202	1.3848
8:25:16	20.8445	0.1285	1.383
8:25:26	20.8486	0.122	1.3812
8:25:36	20.8506	0.1208	1.3794
8:25:46	20.8521	0.1214	1.3794
8:25:56	20.8521	0.1208	1.3794
8:26:06	20.8541	0.1208	1.3657
8:26:16	20.8541	0.122	1.3544
8:26:26	20.8541	0.1208	1.3467
8:26:36	20.8521	0.1237	1.3413
8:26:46	20.8521	0.122	1.3336
8:26:56	20.8541	0.122	1.3413
8:27:06	20.8521	0.1208	1.3276
8:27:16	20.8541	0.119	1.4003
8:27:26	20.8506	0.1214	1.3943
8:27:36	20.8486	0.1214	1.4324
8:27:46	20.8506	0.1184	1.4229
8:27:56	20.8521	0.119	1.383
8:28:06	20.8521	0.116	1.3735
8:28:16	20.8541	0.1148	1.3717
8:28:26	20.8561	0.1148	1.3657
8:28:36	20.8541	0.1166	1.3943
8:28:46	20.8561	0.1166	1.4419
8:28:56	20.8541	0.1154	1.3961
8:29:06	20.8561	0.1154	1.402
8:29:16	20.8541	0.1166	1.4175
8:29:26	20.8561	0.1148	1.4003

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:29:36	20.8561	0.1124	1.3735
8:29:46	20.8561	0.1124	1.3657
8:29:56	20.8561	0.1124	1.358
8:30:06	20.8561	0.1112	1.3675
8:30:16	20.8581	0.1112	1.3812
8:30:26	20.8561	0.1112	1.3699
8:30:36	20.8581	0.1112	1.3699
8:30:46	20.8581	0.1112	1.383
8:30:56	20.8581	0.1124	1.3657
8:31:06	20.8602	0.1112	1.339
8:31:16	20.8561	0.113	1.3199
8:31:26	20.8561	0.1124	1.3241
8:31:36	20.8581	0.1112	1.3622
8:31:46	20.8602	0.11	1.3431
8:31:56	20.8581	0.1095	1.3181
8:32:06	20.8602	0.1112	1.3122
8:32:16	20.8617	0.1106	1.3146
8:32:26	20.8581	0.113	1.3259
8:32:36	20.8602	0.1106	1.3146
8:32:46	20.8617	0.1095	1.3181
8:32:56	20.8602	0.1083	1.3259
8:33:06	20.8617	0.1083	1.3086
8:33:16	20.8602	0.1124	1.3259
8:33:26	20.8581	0.1112	1.3086
8:33:36	20.8602	0.1083	1.28
8:33:46	20.8602	0.1071	1.2973
8:33:56	20.8602	0.1095	1.2913
8:34:06	20.841	0.1297	1.2878
8:34:16	20.8541	0.1208	1.2878
8:34:26	20.8561	0.1285	1.2878
8:34:36	20.8581	0.1243	1.28
8:34:46	20.8617	0.1237	1.2973
8:34:56	20.8617	0.1243	1.2878
8:35:06	20.8617	0.1214	1.286
8:35:16	20.8602	0.1237	1.2878
8:35:26	20.8581	0.1285	1.3104
8:35:36	20.8561	0.1261	1.28
8:35:46	20.8617	0.1214	1.2723
8:35:56	20.8581	0.1273	1.28
8:36:06	20.8602	0.1231	1.28
8:36:16	20.8602	0.1243	1.3027
8:36:26	20.8617	0.122	1.305
8:36:36	20.8637	0.1303	1.3163
8:36:46	20.8602	0.1291	1.3181

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:36:56	20.8602	0.1267	1.3259
8:37:06	20.8617	0.1273	1.3181
8:37:16	20.8617	0.1273	1.3104
8:37:26	20.8561	0.1321	1.3104
8:37:36	20.8602	0.1303	1.2991
8:37:46	20.8602	0.1291	1.2973
8:37:56	20.8602	0.1315	1.2878
8:38:06	20.8602	0.1291	1.2878
8:38:16	20.8617	0.1273	1.2973
8:38:26	20.8617	0.1291	1.2973
8:38:36	20.8617	0.1297	1.2955
8:38:46	20.8617	0.1344	1.2991
8:38:56	20.8581	0.1148	1.3104
8:39:06	20.8617	0.1083	1.305
8:39:16	20.8617	0.1083	1.3027
8:39:26	20.8602	0.11	1.3027
8:39:36	20.8617	0.11	1.3027
8:39:46	20.8617	0.1095	1.305
8:39:56	20.8637	0.1083	1.305
8:40:06	20.8617	0.1095	1.3122
8:40:16	20.8617	0.1106	1.3181
8:40:26	20.8602	0.11	1.3122
8:40:36	20.8617	0.1124	1.3104
8:40:46	20.8617	0.1112	1.3104
8:40:56	20.8617	0.1166	1.3259
8:41:06	20.8602	0.1148	1.3122
8:41:16	20.8617	0.1112	1.2973
8:41:26	20.8637	0.11	1.286
8:41:36	20.8617	0.1124	1.3027
8:41:46	20.8617	0.1124	1.3122
8:41:56	20.8617	0.1124	1.3294
8:42:06	20.8617	0.1136	1.3294
8:42:16	20.8657	0.1124	1.3259
8:42:26	20.8657	0.1112	1.3259
8:42:36	20.8657	0.1106	1.3259
8:42:46	20.8657	0.1112	1.3336
8:42:56	20.8602	0.1154	1.3259
8:43:06	20.8581	0.1154	1.3199
8:43:16	20.8617	0.1106	1.3259
8:43:26	20.8637	0.1106	1.3181
8:43:36	20.8637	0.1124	1.3163
8:43:46	20.8637	0.1059	1.3122
8:43:56	20.8581	0.1154	1.3199
8:44:06	20.8617	0.11	1.305



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:44:16	20.8637	0.113	1.3027
8:44:26	20.8637	0.11	1.3009
8:44:36	20.8637	0.1077	1.2973
8:44:46	20.8637	0.1077	1.2973
8:44:56	20.8637	0.1077	1.2765
8:45:06	20.8637	0.1083	1.2646
8:45:16	20.8637	0.1083	1.261
8:45:26	20.8617	0.1095	1.2836
8:45:36	20.8617	0.1077	1.2955
8:45:46	20.8637	0.1077	1.2973
8:45:56	20.8637	0.1077	1.3027
8:46:06	20.8637	0.116	1.3027
8:46:16	20.8657	0.1154	1.305
8:46:26	20.8637	0.116	1.3181
8:46:36	20.8617	0.116	0.4445
8:46:46	15.521	5.6797	0.3665
8:46:56	11.5897	6.2546	0.3475
8:47:06	11.1381	6.3474	0.3433
8:47:16	11.025	6.4075	0.3356
8:47:26	10.9411	6.467	0.3302
8:47:36	10.8994	6.4771	0.3207
8:47:46	10.9107	6.4771	0.3285
8:47:56	11.0006	6.3795	0.3338
8:48:06	11.0785	6.3177	0.3356
8:48:16	11.1261	6.3153	0.3225
8:48:26	11.0881	6.3831	0.3261
8:48:36	11.0119	6.4504	0.332
8:48:46	10.947	6.4873	0.3285
8:48:56	10.9202	6.4944	0.3225
8:49:06	10.9851	6.4319	0.3285
8:49:16	11.0595	6.3795	0.3356
8:49:26	11.2005	6.2575	0.332
8:49:36	11.344	6.1588	0.3356
8:49:46	11.4451	6.0927	0.3285
8:49:56	11.4737	6.0981	0.3433
8:50:06	11.3969	6.1802	0.3475
8:50:16	11.319	6.2445	0.3207
8:50:26	11.1988	6.3206	0.3088
8:50:36	11.1166	6.3587	0.332
8:50:46	11.1113	6.3278	0.3225
8:50:56	11.191	6.2617	0.3285
8:51:06	11.2505	6.2206	0.332
8:51:16	11.294	6.1915	0.332
8:51:26	11.2636	6.2421	0.3433

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:51:36	11.1738	6.3177	0.3433
8:51:46	11.0863	6.3736	0.3398
8:51:56	11.0405	6.3807	0.3451
8:52:06	11.0827	6.3343	0.3451
8:52:16	11.1624	6.2611	0.3737
8:52:26	11.294	6.1766	0.4159
8:52:36	11.3743	6.1302	1.8924
8:52:46	11.4064	6.1415	2.356
8:52:56	11.3916	6.1879	2.6839
8:53:06	11.338	6.2474	2.0983
8:53:16	11.2428	6.2944	2.0448
8:53:26	11.1571	6.354	1.5889
8:53:36	11.0922	6.3914	1.4098
8:53:46	11.0482	6.4039	2.14
8:53:56	11.069	6.3575	1.9323
8:54:06	11.1398	6.2986	1.7549
8:54:16	11.222	6.2397	1.5812
8:54:26	11.2618	6.2367	1.7895
8:54:36	11.2618	6.2605	1.5145
8:54:46	11.2273	6.2819	1.3068
8:54:56	11.2351	6.2718	1.1539
8:55:06	11.2481	6.2528	1.0985
8:55:16	11.3077	6.1885	0.9289
8:55:26	11.4356	6.0879	0.9331
8:55:36	11.5326	6.0338	0.8545
8:55:46	11.588	6.0207	0.7688
8:55:56	11.5671	6.0796	0.7194
8:56:06	11.4642	6.1635	0.6677
8:56:16	11.3571	6.2212	0.6427
8:56:26	11.2963	6.2367	0.6355
8:56:36	11.2963	6.2367	0.6772
8:56:46	11.3303	6.1933	0.7456
8:56:56	11.3951	6.1474	1.2074
8:57:06	11.4582	6.1147	1.0604
8:57:16	11.4963	6.104	0.8658
8:57:26	11.4927	6.1236	1.1824
8:57:36	11.4523	6.1855	1.139
8:57:46	11.3969	6.2123	1.011
8:57:56	11.3344	6.2611	0.9884
8:58:06	11.2672	6.2855	0.9765
8:58:16	11.2368	6.2843	0.9712
8:58:26	11.2505	6.2439	0.9236
8:58:36	11.2922	6.2052	0.8527
8:58:46	11.3321	6.1683	0.8432

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:58:56	11.3571	6.1558	0.8105
8:59:06	11.3553	6.1826	0.7879
8:59:16	11.3094	6.2373	0.7611
8:59:26	11.2523	6.2671	0.8224
8:59:36	11.2047	6.2956	0.7766
8:59:46	11.1589	6.3099	0.7843
8:59:56	11.1666	6.2766	0.8069
9:00:06	11.2196	6.2093	0.8051
9:00:16	11.2654	6.2016	0.8319
9:00:26	11.2636	6.2337	0.7516
9:00:36	11.2065	6.3099	0.7325
9:00:46	11.0922	6.3879	0.7557
9:00:56	11.0274	6.4022	0.7403
9:01:06	11.0309	6.3801	0.7706
9:01:16	11.0958	6.32	0.7653
9:01:26	11.1624	6.2724	0.6909
9:01:36	11.2333	6.226	0.6885
9:01:46	11.2291	6.2802	0.6564
9:01:56	11.1416	6.37	0.6028
9:02:06	11.0274	6.4426	0.582
9:02:16	10.947	6.4837	0.6332
9:02:26	10.9125	6.5123	0.6218
9:02:36	10.903	6.4986	0.582
9:02:46	10.9393	6.4474	0.6218
9:02:56	10.9988	6.4039	0.5897
9:03:06	11.0732	6.348	0.5897
9:03:16	11.1434	6.2998	0.5516
9:03:26	11.172	6.3117	0.5421
9:03:36	11.1339	6.3724	0.5207
9:03:46	11.0595	6.4307	0.5171
9:03:56	10.9869	6.4694	0.5457
9:04:06	10.9833	6.4307	0.532
9:04:16	11.0387	6.3742	0.5421
9:04:26	11.1452	6.2933	0.5421
9:04:36	11.26	6.2248	0.5552
9:04:46	11.338	6.1915	0.5611
9:04:56	11.3588	6.2284	0.5683
9:05:06	11.3077	6.2956	0.5683
9:05:16	11.2481	6.3313	0.5707
9:05:26	11.2083	6.3468	0.5457
9:05:36	11.191	6.3421	0.5707
9:05:46	11.2178	6.2944	0.5421
9:05:56	11.2749	6.2373	0.532
9:06:06	11.3517	6.1843	0.5171

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:06:16	11.3898	6.1998	0.5397
9:06:26	11.3475	6.2635	0.5439
9:06:36	11.294	6.2962	0.5492
9:06:46	11.2481	6.3337	0.5534
9:06:56	11.2196	6.3224	0.576
9:07:06	11.2237	6.3319	0.5588
9:07:16	11.2577	6.2724	0.5248
9:07:26	11.3398	6.1826	0.5266
9:07:36	11.4582	6.0879	0.532
9:07:46	11.5386	6.0808	0.5266
9:07:56	11.5118	6.1564	0.479
9:08:06	11.4142	6.229	0.4522
9:08:16	11.3249	6.2879	0.4409
9:08:26	11.2446	6.3331	0.4445
9:08:36	11.2047	6.32	0.4522
9:08:46	11.2333	6.2986	0.4481
9:08:56	11.2505	6.2825	0.4635
9:09:06	11.26	6.2879	0.4558
9:09:16	11.2315	6.3415	0.4522
9:09:26	11.1666	6.3879	0.4677
9:09:36	11.0708	6.4682	0.4963
9:09:46	10.9696	6.5158	0.46
9:09:56	10.9167	6.5188	0.4522
9:10:06	10.9244	6.5021	0.4618
9:10:16	10.9357	6.4998	0.4653
9:10:26	10.9375	6.5069	0.4653
9:10:36	10.9244	6.5075	0.4635
9:10:46	10.9125	6.5063	0.4713
9:10:56	10.9125	6.5075	0.4998
9:11:06	10.9107	6.4956	0.5058
9:11:16	10.9244	6.4819	0.4731
9:11:26	10.9548	6.4486	0.454
9:11:36	10.9833	6.4396	0.4653
9:11:46	10.9988	6.4266	0.4618
9:11:56	10.9946	6.4426	0.4368
9:12:06	10.9869	6.442	0.4255
9:12:16	10.9583	6.4694	0.4332
9:12:26	10.9339	6.4849	0.4368
9:12:36	10.9262	6.4777	0.4159
9:12:46	10.9798	6.4051	0.4064
9:12:56	11.075	6.3361	0.4082
9:13:06	11.1476	6.3099	0.3892
9:13:16	11.1666	6.3385	0.3987
9:13:26	11.1131	6.4212	0.3987

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:13:36	11.0345	6.4724	0.4064
9:13:46	10.9565	6.5182	0.6486
9:13:56	10.9089	6.5242	0.6546
9:14:06	10.9488	6.4664	0.7879
9:14:16	11.0232	6.3724	0.9063
9:14:26	11.0845	6.3647	0.6885
9:14:36	11.1244	6.3528	0.6659
9:14:46	11.1285	6.3772	0.6427
9:14:56	11.0768	6.4391	0.582

**Start Run 3A**

9:15:06	11.0196	6.4635	0.6105
9:15:16	10.9798	6.4777	0.6201
9:15:26	10.9696	6.4688	0.6088
9:15:36	11.0059	6.4069	0.6141
9:15:46	11.0976	6.3403	0.6332
9:15:56	11.1071	6.2849	0.5933
9:16:06	11.2178	6.2403	0.576
9:16:16	11.2654	6.2361	0.5516
9:16:26	11.2696	6.2724	0.5552
9:16:36	11.2083	6.3307	0.5873
9:16:46	11.1184	6.3688	0.6314
9:16:56	11.0958	6.348	0.6849
9:17:06	11.1226	6.3385	0.6278
9:17:16	11.1511	6.345	0.5725
9:17:26	11.1398	6.3415	0.532
9:17:36	11.1303	6.3313	0.5284
9:17:46	11.1666	6.2915	0.5189
9:17:56	11.2291	6.2599	0.4731
9:18:06	11.3035	6.1903	0.4522
9:18:16	11.363	6.1701	0.4505
9:18:26	11.3612	6.2153	0.4314
9:18:36	11.338	6.2474	0.4159
9:18:46	11.3154	6.2819	0.4005
9:18:56	11.2999	6.2796	0.3778
9:19:06	11.3112	6.2498	0.4028
9:19:16	11.3761	6.1909	0.4142
9:19:26	11.4505	6.1385	0.4255
9:19:36	11.5249	6.0987	0.3856
9:19:46	11.5481	6.0969	0.3909
9:19:56	11.5267	6.1564	0.3546
9:20:06	11.46	6.2153	0.3493
9:20:16	11.3779	6.2546	0.3225
9:20:26	11.3398	6.251	0.3356

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:20:36	11.3743	6.1915	0.338
9:20:46	11.4945	6.0909	0.3433
9:20:56	11.6129	5.9981	0.3588
9:21:06	11.6796	5.9951	0.3737
9:21:16	11.6659	6.0504	0.357
9:21:26	11.5897	6.1016	0.3433
9:21:36	11.529	6.1558	0.6599
9:21:46	11.4642	6.1832	0.3261
9:21:56	11.4523	6.1582	0.3207
9:22:06	11.5231	6.0897	0.3207
9:22:16	11.6225	6.0112	0.307
9:22:26	11.7117	5.9576	0.313
9:22:36	11.7463	5.9653	0.3052
9:22:46	11.7064	6.0374	0.2922
9:22:56	11.6034	6.1248	0.2898
9:23:06	11.4927	6.2046	0.2785
9:23:16	11.4237	6.2123	0.2785
9:23:26	11.4029	6.1939	0.2594
9:23:36	11.5005	6.0981	0.2481
9:23:46	11.5915	6.0385	0.2636
9:23:56	11.6546	6.0266	0.2559
9:24:06	11.6433	6.0671	0.2559
9:24:16	11.5612	6.1504	0.2517
9:24:26	11.466	6.2105	0.2481
9:24:36	11.3934	6.2558	0.2404
9:24:46	11.3517	6.2564	0.2422
9:24:56	11.3779	6.2046	0.2326
9:25:06	11.4868	6.1004	0.2368
9:25:16	11.6278	5.9897	0.2422
9:25:26	11.7617	5.8993	0.2404
9:25:36	11.8433	5.8904	0.2326
9:25:46	11.8266	5.9445	0.2326
9:25:56	11.7635	5.9903	0.2344
9:26:06	11.7367	5.9927	0.2404
9:26:16	11.7671	5.9719	0.2445
9:26:26	11.8016	5.913	0.2404
9:26:36	11.901	5.866	0.2326
9:26:46	11.9563	5.8439	0.2196
9:26:56	11.9331	5.9094	0.2273
9:27:06	11.8171	6.0427	0.2249
9:27:16	11.6147	6.2052	0.2178
9:27:26	11.4261	6.32	0.2445
9:27:36	11.2904	6.3956	0.2481
9:27:46	11.6433	5.7452	0.2249

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:27:56	11.9081	5.9392	0.2249
9:28:06	11.6945	6.0748	0.2118
9:28:16	11.6754	6.085	0.2154
9:28:26	11.6397	6.1665	0.2118
9:28:36	11.601	6.207	0.2041
9:28:46	11.5671	6.2492	0.21
9:28:56	11.4981	6.2998	0.2041
9:29:06	11.4011	6.3605	0.1963
9:29:16	11.3571	6.3522	0.1892
9:29:26	11.3874	6.2861	0.1892
9:29:36	11.4773	6.2147	0.2041
9:29:46	11.601	6.0629	0.2136
9:29:56	11.6165	6.1123	0.2178
9:30:06	11.6373	6.1183	0.2154
9:30:16	11.6564	6.1528	0.2118
9:30:26	11.7022	6.1076	0.1892
9:30:36	11.7885	6.032	0.2059
9:30:46	11.87	5.9778	0.2041
9:30:56	11.9581	5.9142	0.2041
9:31:06	11.998	5.9094	0.2023
9:31:16	11.9504	5.979	0.2005
9:31:26	11.8552	6.0683	0.2249
9:31:36	11.7576	6.1278	0.2249
9:31:46	11.7117	6.1439	0.2249
9:31:56	11.6814	6.1474	0.2082
9:32:06	11.6891	6.0481	0.1737
9:32:16	11.685	6.0748	0.1832
9:32:26	11.6397	6.1713	0.1565
9:32:36	11.6147	6.1713	0.1678
9:32:46	11.6778	6.0933	0.166
9:32:56	11.832	5.9671	0.1815
9:33:06	11.9825	5.8576	0.1678
9:33:16	12.1182	5.7707	0.1678
9:33:26	12.1795	5.7666	0.166
9:33:36	12.1432	5.8201	0.1678
9:33:46	12.0801	5.8612	0.1678
9:33:56	12.0212	5.8802	0.1797
9:34:06	12.0248	5.8475	0.1815
9:34:16	12.1122	5.7338	0.1773
9:34:26	12.2592	5.6345	0.1946
9:34:36	12.3717	5.5571	0.1696
9:34:46	12.4312	5.5648	0.185
9:34:56	12.3949	5.619	0.1963
9:35:06	12.3092	5.694	0.191

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:35:16	12.2212	5.7493	0.1737
9:35:26	12.1908	5.7452	0.1719
9:35:36	12.2801	5.638	0.1815
9:35:46	12.4711	5.4881	0.1797
9:35:56	12.6217	5.4065	0.1737
9:36:06	12.721	5.3631	0.2023
9:36:16	12.7704	5.3577	0.1815
9:36:26	12.7722	5.3744	0.1678
9:36:36	12.7383	5.4107	0.16
9:36:46	12.6657	5.4613	0.1624
9:36:56	12.5854	5.4958	0.1696
9:37:06	12.58	5.4678	0.1797
9:37:16	12.6484	5.422	0.1737
9:37:26	12.7002	5.3911	0.1815
9:37:36	12.7478	5.3655	0.1737
9:37:46	12.7722	5.3667	0.16
9:37:56	12.7246	5.419	0.1529
9:38:06	12.6121	5.5053	0.16
9:38:16	12.4961	5.5631	0.1452
9:38:26	12.4193	5.5875	0.1529
9:38:36	12.4217	5.5583	0.1678
9:38:46	12.4866	5.5089	0.1719
9:38:56	12.5169	5.4899	0.1696
9:39:06	12.511	5.5262	0.1737
9:39:16	12.4312	5.6166	0.2178
9:39:26	12.286	5.7386	0.2041
9:39:36	12.1468	5.8332	0.2118
9:39:46	12.0117	5.9088	0.1928
9:39:56	11.9391	5.9219	0.1773
9:40:06	11.9522	5.8797	0.16
9:40:16	12.0569	5.7874	0.1583
9:40:26	12.164	5.7344	0.1678
9:40:36	12.1866	5.7571	0.1737
9:40:46	12.1241	5.8332	0.1773
9:40:56	12.0117	5.9201	0.1737
9:41:06	11.9046	5.9939	0.1737
9:41:16	11.8076	6.0391	0.1678
9:41:26	11.7558	6.0582	0.1678
9:41:36	11.773	5.9981	0.1737
9:41:46	11.8873	5.9023	0.1642
9:41:56	12.0057	5.8231	0.1678
9:42:06	12.0765	5.813	0.16
9:42:16	12.0551	5.8624	0.16
9:42:26	11.9563	5.9523	0.1529



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:42:36	11.8456	6.0153	0.1529
9:42:46	11.7593	6.0659	0.1452
9:42:56	11.7064	6.0766	0.1374
9:43:06	11.7159	6.0249	0.1297
9:43:16	11.8111	5.9344	0.1148
9:43:26	11.9617	5.8184	0.122
9:43:36	12.0765	5.7934	0.1243
9:43:46	12.0438	5.8677	0.1452
9:43:56	11.9444	5.9398	0.1642
9:44:06	11.8433	6.0022	0.1696
9:44:16	11.7576	6.0612	0.1678
9:44:26	11.6796	6.1064	0.141
9:44:36	11.632	6.1153	0.1374
9:44:46	11.6183	6.1046	0.1452
9:44:56	11.6701	6.0463	0.1547
9:45:06	11.7385	5.9993	0.16
9:45:16	11.7861	5.9767	0.1529
9:45:26	11.7939	6.0046	0.1297
9:45:36	11.7332	6.0725	0.1624
9:45:46	11.632	6.1558	0.16
9:45:56	11.5213	6.2123	0.1452
9:46:06	11.4564	6.2439	0.1529
9:46:16	11.4237	6.2492	0.1529
9:46:26	11.4261	6.2367	0.1529
9:46:36	11.4011	6.2671	0.166
9:46:46	11.3517	6.301	0.1642
9:46:56	11.3077	6.3284	0.1678
9:47:06	11.2464	6.3647	0.1678
9:47:16	11.1494	6.4414	0.1719
9:47:26	11.0345	6.4986	0.1565
9:47:36	10.922	6.5509	0.1583
9:47:46	10.8232	6.62	0.1815
9:47:56	10.7334	6.6664	0.1815
9:48:06	10.6554	6.7122	0.1815
9:48:16	10.5959	6.7336	0.191
9:48:26	10.5959	6.6973	0.1963
9:48:36	10.6608	6.6444	0.1892
9:48:46	10.7316	6.6182	0.2041
9:48:56	10.7316	6.6711	0.1737
9:49:06	10.6209	6.7795	0.1946
9:49:16	10.4662	6.8848	0.1737
9:49:26	10.3025	7.0026	0.1565
9:49:36	10.1347	7.0651	0.1678
9:49:46	10.0621	7.0746	0.1624

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:49:56	10.127	6.9854	0.1678
9:50:06	10.2549	6.8967	0.1815
9:50:16	10.3596	6.8533	0.1678
9:50:26	10.365	6.9026	0.1892
9:50:36	10.2394	7.0246	0.1832
9:50:46	10.077	7.1127	0.16
9:50:56	9.9591	7.1579	0.1696
9:51:06	9.8615	7.2002	0.1452
9:51:16	9.852	7.1562	0.141
9:51:26	9.9782	7.0318	0.1356
9:51:36	10.1496	6.9217	0.1374
9:51:46	10.2739	6.8777	0.1392
9:51:56	10.3043	6.8931	0.1297
9:52:06	10.262	6.9639	0.1148
9:52:16	10.1496	7.0407	0.1279
9:52:26	10.0561	7.0728	0.122
9:52:36	10.0561	7.0312	0.1261
9:52:46	10.1192	6.9752	0.1374
9:52:56	10.2067	6.9104	0.1452
9:53:06	10.3233	6.8158	0.1374
9:53:16	10.4322	6.758	0.1374
9:53:26	10.4703	6.7884	0.1374
9:53:36	10.3823	6.8907	0.1434
9:53:46	10.2376	6.9895	0.1642
9:53:56	10.0865	7.0651	0.1529
9:54:06	10.024	7.0693	0.1678
9:54:16	10.0484	7.0312	0.166
9:54:26	10.1133	6.9883	0.1737
9:54:36	10.1936	6.9366	0.1678
9:54:46	10.2662	6.9074	0.1719
9:54:56	10.2793	6.9568	0.1547
9:55:06	10.2109	7.0038	0.2386
9:55:16	10.1591	7.0157	0.2344
9:55:26	10.1287	7.0264	0.2082
9:55:36	10.1609	6.9705	0.1892
9:55:46	10.2716	6.861	0.1815
9:55:56	10.4245	6.7455	0.1678
9:56:06	10.5691	6.667	0.1696
9:56:16	10.6227	6.6777	0.1892
9:56:26	10.5673	6.7432	0.1963
9:56:36	10.4876	6.7914	0.16
9:56:46	10.4489	6.805	0.1565
9:56:56	10.5007	6.7366	0.1946
9:57:06	10.6364	6.6271	0.2249

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:57:16	10.781	6.539	0.2118
9:57:26	10.9054	6.4712	0.1773
9:57:36	11.0178	6.4093	0.1624
9:57:46	11.0464	6.4432	0.1469
9:57:56	10.9583	6.5361	0.1243
9:58:06	10.8405	6.6063	0.1279
9:58:16	10.7584	6.6414	0.122
9:58:26	10.7161	6.6717	0.1071
9:58:36	10.7203	6.636	0.088
9:58:46	10.8078	6.5426	0.0934
9:58:56	10.922	6.4825	0.1071
9:59:06	10.9625	6.5063	0.122
9:59:16	10.9298	6.5593	0.1148
9:59:26	10.8613	6.6093	0.1089
9:59:36	10.7732	6.6688	0.1011
9:59:46	10.7125	6.6777	0.1148
9:59:56	10.7352	6.6235	0.1279
10:00:06	10.825	6.5486	0.1053
10:00:16	10.9411	6.4771	0.0934
10:00:26	11.0577	6.3837	0.1029
10:00:36	11.1434	6.348	0.1089
10:00:46	11.172	6.3581	0.1297
10:00:56	11.1494	6.3944	0.1374
10:01:06	11.0708	6.4527	0.1339
10:01:16	11.0232	6.4581	0.166
10:01:26	11.0101	6.4581	0.1696
10:01:36	11.0137	6.4563	0.1678
10:01:46	11.0196	6.4575	0.1868
10:01:56	11.0309	6.4367	0.2273
10:02:06	11.025	6.451	0.2249
10:02:16	11.0155	6.4521	0.2404
10:02:26	11.025	6.4504	0.2404
10:02:36	11.0785	6.3956	0.2005
10:02:46	11.1398	6.3522	0.21
10:02:56	11.1988	6.3147	0.2249
10:03:06	11.2255	6.3367	0.2154
10:03:16	11.1874	6.3992	0.185
10:03:26	11.1261	6.445	0.1892
10:03:36	11.0708	6.4849	0.1565
10:03:46	11.044	6.4807	0.1529
10:03:56	11.0559	6.4527	0.16
10:04:06	11.1285	6.3557	0.16
10:04:16	11.2541	6.2641	0.1529
10:04:26	11.3535	6.2183	0.1565

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:04:36	11.3951	6.2064	0.1565
10:04:46	11.4029	6.226	0.1374
10:04:56	11.3856	6.251	0.1583
10:05:06	11.3321	6.2986	0.1815
10:05:16	11.2731	6.3337	0.1487
10:05:26	11.2255	6.3444	0.1946
10:05:36	11.2672	6.2748	0.1797
10:05:46	11.3588	6.2201	0.1469
10:05:56	11.4183	6.2117	0.1261
10:06:06	11.4011	6.2581	0.1243
10:06:16	11.3172	6.3296	0.1166
10:06:26	11.222	6.3903	0.1529
10:06:36	11.1571	6.4331	0.1583
10:06:46	11.1184	6.4486	0.1737
10:06:56	11.1398	6.4063	0.1487
10:07:06	11.1815	6.3712	0.1529
10:07:16	11.2255	6.3593	0.1678
10:07:26	11.2368	6.3724	0.1529
10:07:36	11.197	6.4105	0.1452
10:07:46	11.1226	6.4718	0.1297
10:07:56	11.0309	6.5426	0.1089
10:08:06	10.9202	6.5944	0.0803
10:08:16	10.8744	6.5878	0.0708
10:08:26	10.9149	6.52	0.0571
10:08:36	11.0327	6.42	0.0648
10:08:46	11.1589	6.3415	0.0785
10:08:56	11.2273	6.3426	0.0785
10:09:06	11.1892	6.4135	0.0785
10:09:16	11.0827	6.4986	0.0785
10:09:26	10.9434	6.567	0.1261
10:09:36	10.8762	6.5944	0.141
10:09:46	10.8744	6.5634	0.0993
10:09:56	10.972	6.4658	0.0934
10:10:06	11.1148	6.3736	0.1053
10:10:16	11.1892	6.3736	0.1297
10:10:26	11.1738	6.4182	0.1297
10:10:36	11.0863	6.5009	0.122
10:10:46	10.9893	6.5497	0.1339
10:10:56	10.9185	6.589	0.16
10:11:06	10.8899	6.592	0.1773
10:11:16	10.928	6.5313	0.1737
10:11:26	11.0369	6.4295	0.191
10:11:36	11.1398	6.3712	0.2041
10:11:46	11.2178	6.3415	0.1624

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:11:56	11.2315	6.3587	0.1339
10:12:06	11.1738	6.401	0.1243
10:12:16	11.1184	6.4432	0.1452
10:12:26	11.0369	6.4926	0.1279
10:12:36	11.0006	6.4914	0.1089
10:12:46	11.0196	6.4391	0.1071
10:12:56	11.1226	6.3474	0.1089
10:13:06	11.2273	6.2825	0.1011
10:13:16	11.2827	6.2819	0.0934
10:13:26	11.2541	6.345	0.088
10:13:36	11.1416	6.4367	0.088
10:13:46	11.0155	6.523	0.0839
10:13:56	10.8899	6.5914	0.0726
10:14:06	10.8554	6.5825	0.0916
10:14:16	10.9548	6.4754	0.0993
10:14:26	11.0785	6.3944	0.1011
10:14:36	11.1857	6.3307	0.122
10:14:46	11.2237	6.3617	0.1089
10:14:56	11.1398	6.4593	0.1583
10:15:06	10.9869	6.5593	0.16
10:15:16	10.8786	6.6146	0.1547
10:15:26	10.8572	6.5962	0.1583
10:15:36	10.9071	6.5367	0.1565
10:15:46	11.025	6.4396	0.1624
10:15:56	11.1148	6.3885	0.1773
10:16:06	11.1339	6.4022	0.16
10:16:16	11.0845	6.4682	0.1624
10:16:26	10.9988	6.5295	0.1529
10:16:36	10.928	6.5581	0.1565
10:16:46	10.9185	6.5444	0.1374
10:16:56	10.9798	6.4807	0.1374
10:17:06	11.069	6.4224	0.1166
10:17:16	11.1452	6.3778	0.1124
10:17:26	11.2101	6.3438	0.1029
10:17:36	11.2481	6.326	0.0857
10:17:46	11.2636	6.3087	0.0934
10:17:56	11.3112	6.2689	0.0934
10:18:06	11.3588	6.2349	0.0934
10:18:16	11.4064	6.2141	0.122
10:18:26	11.4106	6.2391	0.141
10:18:36	11.3553	6.298	0.1374
10:18:46	11.2315	6.3926	0.141
10:18:56	11.0613	6.5027	0.1434
10:19:06	10.928	6.573	0.1297

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:19:16	10.8839	6.5658	0.1529
10:19:26	10.9357	6.4938	0.1452
10:19:36	11.05	6.4176	0.1487
10:19:46	11.1017	6.4176	0.1487
10:19:56	11.0803	6.467	0.1434
10:20:06	11.0024	6.5259	0.1452
10:20:16	10.9357	6.5593	0.1261
10:20:26	10.8804	6.5878	0.0857
10:20:36	10.8744	6.5593	0.0857
10:20:46	10.9434	6.4771	0.0821
10:20:56	11.0863	6.354	0.0708
10:21:06	11.2428	6.245	0.0916
10:21:16	11.3571	6.198	0.0934
10:21:26	11.3803	6.2284	0.0934
10:21:36	11.2844	6.3284	0.0708
10:21:46	11.1434	6.4158	0.0898
10:21:56	11.0101	6.4926	0.0785
10:22:06	10.9244	6.5206	0.0648
10:22:16	10.8762	6.5295	0.0708
10:22:26	10.9244	6.445	0.0648
10:22:36	11.0482	6.354	0.0571
10:22:46	11.1571	6.3099	0.0571
10:22:56	11.1761	6.3385	0.0595
<b>End Run 3A</b>	<b>11.29815</b>	<b>6.293495</b>	<b>0.194656</b>
10:23:06	11.1285	6.4045	0.063
10:23:16	11.0387	6.4682	0.0857
10:23:26	10.9756	6.489	0.0708
10:23:36	10.922	6.5265	0.0666
10:23:46	10.8899	6.5307	0.0708
10:23:56	10.9012	6.5105	0.0785
10:24:06	10.9315	6.4992	0.1071
10:24:16	10.972	6.4664	0.2291
10:24:26	6.4855	1.0087	0.0613
10:24:36	0.8278	0.316	0.0648
10:24:46	0.166	0.2511	0.0571
10:24:56	0.0761	0.216	0.063
10:25:06	0.0309	0.1892	0.0613
<b>Zero Bias</b>	<b>0.091</b>	<b>0.218767</b>	<b>0.060467</b>
10:25:16	-0.0036	0.16	0.0648
10:25:26	-0.0209	0.1541	0.0571
10:25:36	-0.0227	0.1434	0.0458
10:25:46	-0.0381	0.1392	0.0476

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:25:56	-0.0417	0.1315	0.0363
10:26:06	-0.0572	0.1214	0.0136
10:26:16	1.5472	1.3878	-0.0209
10:26:26	6.3254	6.8294	-0.0822
10:26:36	9.4515	9.6556	-0.1012
10:26:46	9.7985	9.8086	-0.1084
10:26:56	9.8806	9.8859	-0.1084
10:27:06	9.9074	9.9151	-0.1143
10:27:16	9.9246	9.9377	-0.1066
10:27:26	9.9306	9.9478	-0.103
10:27:36	9.9401	9.9609	-0.1012
10:27:46	9.9472	9.9675	-0.1012
10:27:56	9.9514	9.9675	-0.1084
<b>O2/CO2 Bias</b>	<b>9.946233</b>	<b>9.9653</b>	<b>-0.1036</b>
10:28:06	9.9514	9.9782	-0.1179
10:28:16	10.0008	9.705	-0.0244
10:28:26	13.6708	4.1163	10.0181
10:28:36	18.0902	0.7427	11.9635
10:28:46	20.1391	0.3677	12.1027
10:28:56	20.3561	0.2642	12.5473
10:29:06	20.4286	0.2166	12.9061
10:29:16	20.4538	0.2053	12.8621
10:29:26	20.4613	0.1886	12.7074
10:29:36	20.4805	0.1642	12.5877
10:29:46	20.5011	0.1487	12.3051
10:29:56	20.4669	0.1815	12.9139
10:30:06	20.4634	0.1803	13.3429
10:30:16	20.488	0.1547	13.2739
10:30:26	20.5052	0.1428	21.3461
10:30:36	20.5092	0.1475	20.5928
10:30:46	20.5167	0.1339	20.2418
10:30:56	20.5243	0.1327	20.698
10:31:06	20.5339	0.1267	20.9875
10:31:16	20.5339	0.1249	21.0142
10:31:26	20.5374	0.1214	20.9115
10:31:36	20.5434	0.119	21.2851
10:31:46	20.5449	0.1166	21.4302
10:31:56	20.5449	0.1166	21.3919
10:32:06	20.549	0.1154	20.8425
10:32:16	20.5545	0.0952	21.2509
10:32:26	20.5565	0.0999	1.1253
10:32:36	16.4369	3.3165	10.077
10:32:46	18.9316	0.3112	7.6834

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:32:56	20.3924	0.1356	8.0512
10:33:06	20.5031	0.122	8.0286
10:33:16	20.5203	0.1112	8.2577
10:33:26	20.5263	0.11	0.851
10:33:36	16.2209	3.3433	2.8535
10:33:46	8.5606	0.2428	0.166
10:33:56	0.6373	0.1303	0.1374
10:34:06	0.1797	0.1106	0.1011
10:34:16	0.0821	0.1023	0.0952
10:34:26	0.0285	0.097	0.1011
10:34:36	0.0113	0.0857	0.1029
10:34:46	0.0113	0.0833	0.1089
10:34:56	0.019	0.0851	0.1053
10:35:06	0.0208	0.0862	0.1297
10:35:16	-0.0018	0.0815	0.1148
10:35:26	-0.0435	0.0779	0.1011
10:35:36	-0.0381	0.0839	0.1202
10:35:46	10.5179	2.0686	23.4635
10:35:56	18.9009	0.1237	26.1337
10:36:06	20.2438	0.0964	28.5754
10:36:16	20.3868	0.0868	21.7126
10:36:26	20.4271	0.0839	21.2413
10:36:36	20.4785	0.0809	21.1688
10:36:46	20.4976	0.0803	21.1175
10:36:56	20.5182	0.0833	21.0354
10:37:06	20.5298	0.0833	21.0183
10:37:16	20.551	0.0797	21.1401
10:37:26	20.5721	0.0779	21.48
10:37:36	20.5812	0.0785	21.8405
10:37:46	20.5852	0.0779	21.9815
10:37:56	20.5908	0.0773	22.0117
10:38:06	20.5948	0.0755	21.3179
10:38:16	20.5968	0.0755	21.335
10:38:26	20.6003	0.0755	21.4206
10:38:36	20.6023	0.0749	21.556
10:38:46	20.6064	0.0743	21.5676
10:38:56	20.6064	0.0743	21.5978
10:39:06	20.6079	0.0761	21.1119
10:39:16	20.6119	0.0726	21.1859
10:39:26	20.6139	0.0732	21.3083
10:39:36	20.6139	0.0732	21.2016
10:39:46	20.6159	0.0726	21.2298
10:39:56	20.6174	0.072	21.5218
10:40:06	20.6174	0.0726	21.6532



	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
10:40:16	20.6174	0.072	21.7011
10:40:26	20.6174	0.072	21.7776
10:40:36	20.6174	0.072	21.76
10:40:46	20.6195	0.072	21.1401
10:40:56	20.6215	0.072	21.188
10:41:06	20.6215	0.0708	21.2549
10:41:16	20.6215	0.0708	21.2625
10:41:26	20.6255	0.0613	21.2318
10:41:36	20.6255	0.0607	21.2741
<b>THC Span Bias</b>	<b>20.62417</b>	<b>0.064267</b>	<b>21.25613</b>
10:41:46	20.6235	0.0589	12.5169
10:41:56	16.5836	3.2219	11.2368
10:42:06	19.5112	0.2356	7.8227
10:42:16	20.5278	0.0916	7.7882
10:42:26	20.5721	0.0749	7.8036
10:42:36	20.5832	0.069	7.7786
10:42:46	20.5872	0.0654	7.7537
10:42:56	20.5908	0.0642	7.7328
10:43:06	20.5928	0.0624	7.7251
10:43:16	20.5928	0.0607	7.7251
<b>THC Low Bias</b>	<b>20.59213</b>	<b>0.062433</b>	<b>7.727667</b>
10:43:26	20.5948	0.0607	7.4716
10:43:36	19.4523	1.6597	0.7171
10:43:46	15.8626	2.1679	11.6969
10:43:56	20.2247	0.1327	12.6812
10:44:06	20.4251	0.097	12.6907
10:44:16	20.4422	0.0857	12.7401
10:44:26	20.4478	0.0785	12.8413
10:44:36	20.4538	0.0743	12.9079
10:44:46	20.4573	0.0726	12.9115
<b>THC Mid Bias</b>	<b>20.45297</b>	<b>0.075133</b>	<b>12.8869</b>
10:44:56	20.4593	0.072	12.9728
10:45:06	20.4634	0.0702	13.0472
10:45:16	20.4634	0.0672	13.1733
10:45:26	20.4634	0.0678	3.5992
10:45:36	15.4621	3.4451	5.9897
10:45:46	11.8819	0.307	0.3433
10:45:56	0.6831	0.113	0.122
10:46:06	0.2481	0.1023	0.1374
10:46:16	0.1565	0.094	0.1505
10:46:26	0.2059	0.0987	0.141

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
10:46:36	0.2344	0.0934	0.1374
10:46:46	0.2463	0.0892	0.1011
10:46:56	0.1356	0.0857	0.0857
10:47:06	0.1089	0.0851	0.069
10:47:16	0.0743	0.0827	0.0934
<b>Zero Bias</b>	<b>0.106267</b>	<b>0.0845</b>	<b>0.0827</b>
10:47:26	0.0517	0.0815	0.0785
10:47:36	0.0309	0.0809	0.21
10:47:46	7.8322	2.8226	20.1789
10:47:56	15.7293	0.1719	20.7836
10:48:06	19.6889	0.1124	20.549
10:48:16	20.2227	0.094	1.5699
10:48:26	17.1234	3.1469	0.2689
10:48:36	14.8021	3.4534	0.2404
10:48:46	14.6058	3.4855	0.2154
10:48:56	14.5843	3.5069	0.2231
10:49:06	14.5867	3.5159	0.2249
10:49:16	14.5867	3.5272	0.2404
10:49:26	14.579	3.5355	0.2368
10:49:36	14.5695	3.5272	0.2481
10:49:46	14.5748	3.5206	0.2249
10:49:56	14.5748	3.4855	0.2445
10:50:06	14.5314	3.4236	0.2636
10:50:16	14.5236	3.4647	0.2844
10:50:26	14.5314	3.4498	0.2785
10:50:36	14.5445	3.4611	0.2707
10:50:46	14.5599	3.4534	0.2386
10:50:56	14.5558	3.4486	0.2041
10:51:06	14.5712	3.4986	0.1892
10:51:16	14.5582	3.5105	0.21
10:51:26	14.5558	3.5188	0.2041
10:51:36	14.5409	3.5313	0.2005
10:51:46	14.5236	3.5474	0.1892
10:51:56	14.5046	3.5587	0.1696
10:52:06	14.5004	3.5623	0.1565
10:52:16	14.5064	3.5528	0.1529
10:52:26	14.5254	3.545	0.1696
10:52:36	14.5367	3.529	0.1737
10:52:46	14.5599	3.5081	0.1892
10:52:56	14.598	3.4885	0.166
10:53:06	14.6248	3.4802	0.1547
10:53:16	14.6361	3.4671	0.1642
10:53:26	14.6456	3.4617	0.166

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:53:36	14.6516	3.4486	0.1678
10:53:46	14.6492	3.4451	0.1565
10:53:56	14.6492	3.4552	0.1392
10:54:06	14.6516	3.4611	0.1719
10:54:16	14.6456	3.4558	0.16
10:54:26	14.6361	3.4617	0.1624
10:54:36	14.6206	3.4748	0.1487
10:54:46	14.6111	3.476	0.1297
10:54:56	14.598	3.4885	0.122
10:55:06	14.5939	3.5004	0.1315
10:55:16	14.5843	3.5075	0.1261
10:55:26	14.5808	3.4974	0.1202
10:55:36	14.5826	3.4968	0.1184
10:55:46	14.5695	3.5081	0.122
10:55:56	14.5522	3.5165	0.1452
10:56:06	14.5332	3.5242	0.1392
10:56:16	14.5236	3.5302	0.1339
10:56:26	14.5195	3.5319	0.0934
10:56:36	14.5219	3.5188	0.088
10:56:46	14.5314	3.5052	0.0821
10:56:56	14.5427	3.4962	0.0821
10:57:06	14.5558	3.4831	0.0571
10:57:16	14.573	3.4784	0.069
10:57:26	14.573	3.4837	0.0785
10:57:36	14.579	3.4802	0.0743
10:57:46	14.6111	3.4718	0.0857
10:57:56	14.6224	3.476	0.122
10:58:06	14.6325	3.47	0.1261
10:58:16	14.6456	3.4641	0.1261
10:58:26	14.6552	3.4623	0.1184
10:58:36	14.6421	3.4796	0.1243
10:58:46	14.6129	3.5022	0.1297
10:58:56	14.5843	3.5188	0.16
10:59:06	14.5772	3.5111	0.16
10:59:16	14.5748	3.5242	0.1297
10:59:26	14.5677	3.529	0.1297
10:59:36	14.5599	3.5236	0.1148
10:59:46	14.5504	3.5284	0.141
10:59:56	14.5367	3.526	0.1529
11:00:06	14.5427	3.5206	0.1374
11:00:16	14.5504	3.526	0.1166
11:00:26	14.5582	3.5105	0.1071
11:00:36	14.5712	3.4974	0.2249
11:00:46	14.5843	3.495	2.8482

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:00:56	11.2464	0.6706	0.1583
11:01:06	1.5014	0.241	0.1297
11:01:16	0.6165	0.2451	0.1089
11:01:26	0.914	0.338	0.1106
11:01:36	0.6451	0.2475	0.0595
11:01:46	0.6409	0.5469	0.1297
11:01:56	9.8026	3.032	0.1297
11:02:06	11.7403	3.1445	0.2059
11:02:16	11.7903	3.132	0.6088
11:02:26	11.8129	3.1255	0.6808
11:02:36	11.8361	3.1225	0.7266
11:02:46	11.8456	3.1183	0.7706
11:02:56	11.8552	3.116	1.095
11:03:06	11.8647	3.1148	1.0551
11:03:16	11.8724	3.1118	1.0051
11:03:26	11.8855	3.11	1.0569
11:03:36	11.8915	3.1041	1.1277
11:03:46	11.895	3.0999	1.0301
11:03:56	11.901	3.0969	1.0337
11:04:06	11.9063	3.0945	1.0301
11:04:16	11.9105	3.0945	1.0146
11:04:26	11.9141	3.0939	1.0241
11:04:36	11.9176	3.0927	1.0301
11:04:46	11.9218	3.0904	1.1539
11:04:56	11.9236	3.0916	1.0819
11:05:06	11.9254	3.0892	1.0569
11:05:16	11.9331	3.0874	1.1711
11:05:26	11.9373	3.0862	1.2187
11:05:36	11.9391	3.088	1.1848
11:05:46	11.9391	3.0999	1.133
11:05:56	11.9409	3.0797	1.1902
11:06:06	11.9444	3.0779	1.1979
11:06:16	11.9468	3.0779	1.2152
11:06:26	11.9504	3.0767	1.2324
11:06:36	11.9522	3.0755	1.1902
11:06:46	11.9522	3.0755	1.2021
11:06:56	11.9563	3.0767	1.242
11:07:06	11.9581	3.0773	1.3794
11:07:16	11.9599	3.0767	1.3889
11:07:26	11.9599	3.0755	1.2913
11:07:36	11.9617	3.0755	1.2878
11:07:46	11.9635	3.0749	1.2473
11:07:56	11.9658	3.0743	1.2211
11:08:06	11.9676	3.0725	1.255

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:08:16	11.9694	3.0874	1.2646
11:08:26	11.973	3.088	1.2515
11:08:36	11.9772	3.088	1.7186
11:08:46	11.9754	3.0862	1.5109
11:08:56	11.9789	3.0874	1.549
11:09:06	11.9807	3.0862	1.671
11:09:16	11.9825	3.0856	2.1691
11:09:26	11.9849	3.085	1.9245
11:09:36	11.9867	3.0838	1.5544
11:09:46	11.9849	3.0832	1.6216
11:09:56	11.992	3.0826	1.6097
11:10:06	11.9944	3.082	1.3086
11:10:16	11.9962	3.082	1.255
11:10:26	11.9998	3.0832	1.2741
11:10:36	12.0022	3.0826	1.3259
11:10:46	12.0039	3.0808	1.3276
11:10:56	12.0093	3.082	1.7948
11:11:06	12.0093	3.0808	1.677
11:11:16	12.0117	3.0797	1.8692
11:11:26	12.017	3.0797	2.0352
11:11:36	12.0188	3.0785	1.6865
11:11:46	12.023	3.0785	1.5663
11:11:56	12.0283	3.0779	1.6365
11:12:06	12.0325	3.0773	1.6692
11:12:16	12.0343	3.0773	1.5258
11:12:26	12.0361	3.0755	1.4574
11:12:36	12.042	3.0743	1.4514
11:12:46	12.0438	3.0713	1.7282
11:12:56	12.0474	3.0695	1.3354
11:13:06	12.0533	3.0695	1.3753
11:13:16	12.0569	3.0689	1.3943
11:13:26	12.0629	3.0683	1.3604
11:13:36	12.0664	3.0689	1.2765
11:13:46	12.0706	3.0683	1.2402
11:13:56	12.0742	3.0666	1.2878
11:14:06	12.0801	3.066	1.2669
11:14:16	12.0861	3.0648	1.242
11:14:26	12.0896	3.063	1.2646
11:14:36	12.0932	3.063	1.2878
11:14:46	12.0992	3.0618	1.261
11:14:56	12.1027	3.0529	1.2973
11:15:06	12.1087	3.066	1.2765
11:15:16	12.1146	3.066	1.2646
11:15:26	12.1182	3.0642	1.2687

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:15:36	12.1241	3.0636	1.2955
11:15:46	12.1295	3.0612	2.0489
11:15:56	12.1337	3.0594	2.2221
11:16:06	12.1432	3.0582	2.3102
11:16:16	12.1468	3.0576	2.35
11:16:26	12.1545	3.0558	3.3421
11:16:36	12.1622	3.0553	3.0404
11:16:46	12.1658	3.0553	3.0808
11:16:56	12.1735	3.0529	2.3899
11:17:06	12.1795	3.0553	1.8716
11:17:16	12.1849	3.0487	1.4133
11:17:26	12.1926	3.0487	1.3866
11:17:36	12.2021	3.0487	1.3622
11:17:46	12.2116	3.0487	1.3354
11:17:56	12.2253	3.0487	1.3562
11:18:06	12.2366	3.0481	1.3413
11:18:16	12.2515	3.0457	1.3199
11:18:26	12.2688	3.0457	1.3146
11:18:36	12.2842	3.0457	1.2913
11:18:46	12.3033	3.0451	1.305
11:18:56	12.3205	3.0422	1.2973
11:19:06	12.3432	3.0416	1.2878
11:19:16	12.3622	3.0416	1.3181
11:19:26	12.3854	3.0297	1.305
11:19:36	12.4098	3.0297	1.1771
11:19:46	12.4366	3.0255	1.4919
11:19:56	12.4616	3.0225	2.1745
11:20:06	12.4937	3.0172	1.9858
11:20:16	12.5205	3.0076	2.1114
11:20:26	12.5586	2.9946	3.157
11:20:36	12.5877	2.9827	2.5601
11:20:46	12.6121	2.9702	2.1763
11:20:56	12.6353	2.9559	1.7073
11:21:06	12.6621	2.9362	1.6044
11:21:16	12.6847	2.9142	1.7454
11:21:26	12.7097	2.891	1.192
11:21:36	12.7365	2.869	1.0551
11:21:46	12.7591	2.8476	1.0337
11:21:56	12.7841	2.8285	1.0265
11:22:06	12.8085	2.8089	1.0146
11:22:16	12.8317	2.7916	1.6502
11:22:26	12.8561	2.7744	2.2626
11:22:36	12.8829	2.7607	2.5256
11:22:46	12.9156	2.7529	2.3899

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:22:56	12.9424	2.7494	1.5835
11:23:06	12.9728	2.75	1.1122
11:23:16	13.0073	2.7559	1.0491
11:23:26	13.0412	2.7654	1.1122
11:23:36	13.068	2.7636	1.1081
11:23:46	13.0722	2.7589	1.0283
11:23:56	13.0775	2.769	1.8734
11:24:06	13.0835	2.7589	1.1503
11:24:16	13.0912	2.7607	1.7662
11:24:26	13.0966	2.7631	1.5145
11:24:36	13.1043	2.7666	1.0533
11:24:46	13.112	2.7696	1.0604
11:24:56	13.1198	2.7708	1.0723
11:25:06	13.1275	2.772	1.1158
11:25:16	13.1346	2.7767	1.133
11:25:26	13.1406	2.7791	1.1104
11:25:36	13.1466	2.7797	1.1063
11:25:46	13.1537	2.7827	1.0914
11:25:56	13.1596	2.7857	1.1027
11:26:06	13.1674	2.788	1.1313
11:26:16	13.1751	2.7934	1.2211
11:26:26	13.1656	2.7631	2.8993
11:26:36	13.1519	2.7607	2.8845
11:26:46	13.1501	2.7601	2.3274
11:26:56	13.1406	2.7583	1.9132
11:27:06	13.1406	2.7577	1.8466
11:27:16	13.1388	2.7601	1.4955
11:27:26	13.1424	2.7613	1.6252
11:27:36	13.1346	2.7642	1.7264
11:27:46	13.1388	2.7684	1.5544
11:27:56	13.1466	2.772	1.3717
11:28:06	13.1466	2.775	1.4919
11:28:16	13.1483	2.7779	1.4782
11:28:26	13.1501	2.7833	1.3622
11:28:36	13.1579	2.7934	1.3259
11:28:46	13.1614	2.797	1.5163
11:28:56	13.1692	2.7982	1.5109
11:29:06	13.1751	2.7982	1.5621
11:29:16	13.1805	2.8005	1.6062
11:29:26	13.1829	2.8005	1.5318
11:29:36	13.1924	2.794	1.6651
11:29:46	13.1751	2.7744	1.4479
11:29:56	12.9805	3.0017	1.2074
11:30:06	13.1501	3.0701	1.53

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
11:30:16	13.4132	3.1255	1.3985
11:30:26	13.7149	3.204	0.845
11:30:36	14.8896	2.6506	0.3778
11:30:46	12.267	1.8906	0.2898
11:30:56	4.8852	0.7272	0.2231
11:31:06	1.6865	0.41	0.1892
11:31:16	1.07	0.3939	0.1696
11:31:26	0.7801	0.2898	0.1166
11:31:36	0.0422	0.1095	0.1089
11:31:46	-0.0131	0.1005	0.1124
11:31:56	-0.0304	0.0976	0.0976
11:32:06	-0.0381	0.0952	0.0821
11:32:16	-0.0477	0.0934	0.0571
11:32:26	-0.0512	0.0916	0.063
11:32:36	-0.0554	0.0916	0.0613
11:32:46	-0.0536	0.0922	0.0476
<b>N2 Zero</b>	<b>-0.0534</b>	<b>0.0918</b>	<b>0.0573</b>
11:32:56	-0.0554	0.0851	0.914
11:33:06	0.16	0.5433	0.0613
11:33:16	6.079	5.1988	-0.0435
11:33:26	9.0147	9.5265	-0.0417
11:33:36	9.7508	9.7657	-0.0572
11:33:46	9.8657	9.8502	-0.0512
11:33:56	9.902	9.8883	-0.0536
11:34:06	9.9169	9.9157	-0.0191
11:34:16	9.9306	9.9258	-0.0209
11:34:26	9.9377	9.9389	-0.0322
11:34:36	9.9419	9.9496	-0.0244
11:34:46	9.9437	9.9538	-0.0363
<b>O2/CO2 Bias</b>	<b>9.9411</b>	<b>9.947433</b>	<b>-0.03097</b>
11:34:56	9.9472	9.9496	1.1372
11:35:06	10.0698	8.6189	5.8904
11:35:16	12.4443	6.9836	14.0107
11:35:26	17.4683	1.2306	14.5064
11:35:36	19.3797	0.5516	11.4201
11:35:46	20.0243	0.2933	1.0015
11:35:56	17.703	2.8255	17.705
11:36:06	17.0242	0.9027	23.7555
11:36:16	19.5001	0.5248	24.3426
11:36:26	20.1391	0.213	22.3516
11:36:36	20.4135	0.1243	21.554
11:36:46	20.4709	0.11	21.2146



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:36:56	20.488	0.1005	21.2509
11:37:06	20.4956	0.0952	21.2816
11:37:16	20.5011	0.0916	21.3214
11:37:26	20.5052	0.0886	21.3481
11:37:36	20.5092	0.0797	21.3672
11:37:46	20.5107	0.0839	21.3748
11:37:56	20.5147	0.0815	21.3748
<b>THC Span Bias 21.1</b>	<b>20.51153</b>	<b>0.0817</b>	<b>21.37227</b>
11:38:06	20.5167	0.0797	21.3768
11:38:16	20.5167	0.0785	20.0051
11:38:26	20.5167	0.0785	6.0064
11:38:36	17.7014	2.9214	12.0039
11:38:46	19.2614	0.2082	12.5205
11:38:56	20.2076	0.1136	12.6276
11:39:06	20.3183	0.0934	12.6657
11:39:16	20.341	0.0839	12.6907
11:39:26	20.3506	0.0773	12.7115
<b>THC Mid Bias 12.9</b>	<b>20.33663</b>	<b>0.084867</b>	<b>12.6893</b>
11:39:36	20.3561	0.0749	12.7228
11:39:46	20.3546	0.0749	6.8556
11:39:56	20.343	0.2457	6.7509
11:40:06	16.8278	1.5092	7.4275
11:40:16	19.8621	0.16	7.6358
11:40:26	20.3984	0.1136	7.6834
11:40:36	20.4669	0.0976	7.712
11:40:46	20.486	0.0904	7.7251
11:40:56	20.4936	0.0862	7.7328
11:41:06	20.4996	0.0833	7.7388
<b>THC Low Bias 7.58</b>	<b>20.49307</b>	<b>0.086633</b>	<b>7.732233</b>
11:41:16	20.4976	0.0809	7.7293
11:41:26	20.5011	0.0809	1.236
11:41:36	19.5515	2.1983	2.0412
11:41:46	15.2425	3.4022	0.4409
11:41:56	9.4973	0.2779	0.1261
11:42:06	1.4538	0.1464	0.0857
11:42:16	0.5094	0.1273	0.0857
11:42:26	0.3052	0.1112	0.069
11:42:36	0.21	0.1029	0.0517
11:42:46	0.1547	0.0976	0.0476
11:42:56	0.1184	0.094	0.044
11:43:06	0.0916	0.0922	0.0404

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:43:16	0.0761	0.0922	0.6278
<b>Zero Bias</b>	<b>0.095367</b>	<b>0.0928</b>	<b>0.2374</b>
11:43:26	0.1529	0.3719	0.5284
11:43:36	9.5753	3.2766	0.4772
11:43:46	13.3102	3.454	0.4445
11:43:56	13.9821	3.5177	0.4195
11:44:06	14.138	3.5569	0.4005
11:44:16	14.1957	3.5831	0.3832
11:44:26	14.2243	3.6051	0.3511
11:44:36	14.2451	3.595	0.332
11:44:46	14.2546	3.6129	0.313
11:44:56	14.2642	3.6105	0.2993
11:45:06	14.2719	3.623	0.288
11:45:16	14.2529	3.6438	0.2993
11:45:26	14.2279	3.6545	0.2993
11:45:36	14.2261	3.6569	0.2922
11:45:46	14.2219	3.6641	0.2785
11:45:56	14.2261	3.6593	0.2445
11:46:06	14.2564	3.6402	0.2404
11:46:16	14.2909	3.6248	0.2231
11:46:26	14.3195	3.6093	0.2249
11:46:36	14.3421	3.6039	0.2178
11:46:46	14.3499	3.6016	0.2041
11:46:56	14.3731	3.5825	0.1928
11:47:06	14.457	3.5432	0.1815
11:47:16	14.5195	3.5813	0.1797
11:47:26	14.4165	3.7617	0.1892
11:47:36	14.1422	4.0402	0.1892
11:47:46	13.7928	4.3139	0.1963
11:47:56	13.4614	4.5978	0.1963
11:48:06	13.1733	4.8483	0.2041
11:48:16	12.946	5.0405	0.2041
11:48:26	12.7936	5.1727	0.1963
11:48:36	12.6562	5.3018	0.1963
11:48:46	12.4979	5.4274	0.2041
11:48:56	12.3068	5.5839	0.1963
11:49:06	12.1372	5.7029	0.1963
11:49:16	12.0022	5.7975	0.1815
11:49:26	11.9373	5.8291	0.1815
11:49:36	11.9105	5.8547	0.1565
11:49:46	11.8778	5.8927	0.1452
11:49:56	11.8361	5.9171	0.1696
11:50:06	11.7956	5.9505	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:50:16	11.729	5.9957	0.1963
11:50:26	11.6683	6.0356	0.1696
11:50:36	11.607	6.0713	0.1678
11:50:46	11.5766	6.0826	0.166
11:50:56	11.5386	6.1201	0.166
11:51:06	11.479	6.1843	0.166
11:51:16	11.3779	6.2843	0.1583
11:51:26	11.2636	6.3742	0.1678
11:51:36	11.1761	6.4396	0.1583
11:51:46	11.0785	6.5349	0.1678
11:51:56	10.972	6.6212	0.16
11:52:06	10.8345	6.7366	0.1547
11:52:16	10.7084	6.8241	0.1529
11:52:26	10.6227	6.8836	0.1487
11:52:36	10.5447	6.9431	0.1469
11:52:46	10.4566	6.9985	0.1505
11:52:56	10.4037	7.0371	0.1505
11:53:06	10.346	7.0758	0.1529
11:53:16	10.3097	7.0865	0.1529
11:53:26	10.2757	7.102	0.1529
11:53:36	10.262	7.1074	0.1529
11:53:46	10.2983	7.0699	0.141
11:53:56	10.3483	7.0312	0.1339
11:54:06	10.365	7.0258	0.1297
11:54:16	10.3406	7.0431	0.1243
11:54:26	10.3079	7.0615	0.1261
11:54:36	10.2662	7.0889	0.122
11:54:46	10.2162	7.1181	0.1184
11:54:56	10.1609	7.1502	0.1184
11:55:06	10.1133	7.1704	0.1339
11:55:16	10.0865	7.1752	0.1356
11:55:26	10.0829	7.1806	0.1339
11:55:36	10.0561	7.18	0.1297
11:55:46	10.0579	7.1829	0.1374
11:55:56	10.0103	7.2222	0.1434
11:56:06	9.9472	7.2478	0.1297
11:56:16	9.9133	7.2538	0.1374
11:56:26	9.8901	7.2674	0.1452
11:56:36	9.8883	7.2615	0.1392
11:56:46	9.8978	7.2597	0.1166
11:56:56	9.8901	7.2788	0.122
11:57:06	9.8615	7.3121	0.122
11:57:16	9.8294	7.3329	0.1184
11:57:26	9.7871	7.3704	0.1124

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:57:36	9.7491	7.3889	0.1089
11:57:46	9.7395	7.3942	0.1148
11:57:56	9.73	7.4073	0.1374
11:58:06	9.7128	7.4204	0.1434
11:58:16	9.6901	7.4269	0.1434
11:58:26	9.6842	7.4323	0.1374
11:58:36	9.6634	7.446	0.1356
11:58:46	9.6306	7.4692	0.1374
11:58:56	9.6175	7.4698	0.1243
11:59:06	9.6271	7.4466	0.1166
11:59:16	9.6747	7.4013	0.1202
11:59:26	9.7604	7.3365	0.1011
11:59:36	9.8407	7.2799	0.0934
11:59:46	9.9151	7.224	0.0934
11:59:56	9.999	7.1675	0.1053
12:00:06	10.0579	7.1318	0.1053
12:00:16	10.1097	7.0949	0.1029
12:00:26	10.1496	7.077	0.1106
12:00:36	10.1859	7.0407	0.1148
12:00:46	10.2549	6.9973	0.1148
12:00:56	10.2793	6.9842	0.1148
12:01:06	10.2853	6.9895	0.1148
12:01:16	10.2835	6.9883	0.0976
12:01:26	10.2662	7.0026	0.0934
12:01:36	10.2644	7.0026	0.1011
12:01:46	10.262	7.0092	0.1124
12:01:56	10.249	7.0187	0.1089
12:02:06	10.2472	7.0139	0.1071
12:02:16	10.287	6.9699	0.1011
12:02:26	10.3519	6.9395	0.1011
12:02:36	10.3805	6.9336	0.088
12:02:46	10.3596	6.9741	0.0952
12:02:56	10.287	7.0318	0.1011
12:03:06	10.2162	7.0877	0.1089
12:03:16	10.1365	7.146	0.1089
12:03:26	10.0793	7.1746	0.0952
12:03:36	10.1383	7.1044	0.0952
12:03:46	10.2353	7.0562	0.0993
12:03:56	10.2811	7.08	0.0993
12:04:06	10.2507	7.1562	0.1071
12:04:16	10.1686	7.2639	0.1148
12:04:26	10.1115	7.3401	0.1011
12:04:36	10.0561	7.3936	0.1106
12:04:46	9.9913	7.4156	0.1071

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:04:56	9.9835	7.4222	0.0934
12:05:06	10.0579	7.3531	0.0857
12:05:16	10.1591	7.2674	0.0898
12:05:26	10.2317	7.2436	0.0934
12:05:36	10.1954	7.2895	0.0898
12:05:46	10.0942	7.3537	0.0857
12:05:56	9.9954	7.3948	0.0993
12:06:06	9.9264	7.4162	0.0993
12:06:16	9.8996	7.4133	0.1029
12:06:26	9.9133	7.3811	0.1011
12:06:36	9.9609	7.3597	0.0934
12:06:46	9.9419	7.3942	0.0857
12:06:56	9.8865	7.4353	0.0785
12:07:06	9.8086	7.4924	0.0785
12:07:16	9.7455	7.5156	0.0785
12:07:26	9.7568	7.468	0.0648
12:07:36	9.8538	7.399	0.063
12:07:46	9.9419	7.3508	0.063
12:07:56	9.9895	7.3531	0.063
12:08:06	9.974	7.3883	0.0553
12:08:16	9.9437	7.4162	0.0553
12:08:26	9.921	7.4341	0.063
12:08:36	9.9228	7.4192	0.0553
12:08:46	9.9835	7.365	0.063
12:08:56	10.0752	7.299	0.0595
12:09:06	10.1686	7.243	0.0553
12:09:16	10.2109	7.2395	0.0666
12:09:26	10.1514	7.2823	0.0595
12:09:36	10.1037	7.2883	0.0708
12:09:46	10.1002	7.2663	0.0666
12:09:56	10.146	7.2181	0.063
12:10:06	10.2109	7.1716	0.063
12:10:16	10.2454	7.1746	0.063
12:10:26	10.2204	7.2079	0.0613
12:10:36	10.1609	7.2651	0.0553
12:10:46	10.0829	7.321	0.0571
12:10:56	9.9954	7.3662	0.0571
12:11:06	9.9591	7.3781	0.0553
12:11:16	9.98	7.3502	0.063
12:11:26	10.0353	7.3216	0.0613
12:11:36	10.0371	7.3752	0.063
12:11:46	9.9859	7.4448	0.0708
12:11:56	9.8943	7.5114	0.0785
12:12:06	9.8407	7.5263	0.0839

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:12:16	9.8788	7.4829	0.1106
12:12:26	9.9817	7.4073	0.1374
12:12:36	10.1097	7.3258	0.1374
12:12:46	10.1877	7.299	0.1452
12:12:56	10.1704	7.3299	0.1583
12:13:06	10.127	7.3537	0.16
12:13:16	10.0942	7.3668	0.166
12:13:26	10.0811	7.352	0.1678
12:13:36	10.1228	7.3067	0.1737
12:13:46	10.1841	7.2627	0.1487
12:13:56	10.1936	7.2913	0.1678
12:14:06	10.1228	7.3537	0.1797
12:14:16	10.0145	7.4353	0.1737
12:14:26	9.8925	7.5043	0.1719
12:14:36	9.8157	7.5204	0.1737
12:14:46	9.8371	7.4841	0.1737
12:14:56	9.883	7.4466	0.166
12:15:06	9.8996	7.446	0.1642
12:15:16	9.8728	7.4728	0.1565
12:15:26	9.8139	7.5108	0.1529
12:15:36	9.7854	7.4989	0.1452
12:15:46	9.7871	7.4787	0.1529
12:15:56	9.8235	7.4329	0.1452
12:16:06	9.8943	7.3692	0.1374
12:16:16	9.9574	7.3436	0.1374
12:16:26	9.9591	7.3531	0.1315
12:16:36	9.9341	7.3799	0.1315
12:16:46	9.9282	7.3811	0.1297
12:16:56	9.9282	7.3865	0.1452
12:17:06	9.9359	7.3894	0.1529
12:17:16	9.9282	7.415	0.1374
12:17:26	9.8996	7.4371	0.1374
12:17:36	9.8657	7.4621	0.1297
12:17:46	9.877	7.4287	0.1297
12:17:56	9.9341	7.3829	0.1392
12:18:06	9.9669	7.3811	0.1392
12:18:16	9.9306	7.4257	0.1297
12:18:26	9.833	7.4966	0.1106
12:18:36	9.7318	7.5614	0.1148
12:18:46	9.6348	7.6126	0.1089
12:18:56	9.5812	7.6138	0.0934
12:19:06	9.5967	7.5775	0.0993
12:19:16	9.7128	7.4763	0.0934
12:19:26	9.8467	7.3853	0.0952

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:19:36	9.9401	7.343	0.0934
12:19:46	9.9151	7.3966	0.0934
12:19:56	9.8276	7.4543	0.0785
12:20:06	9.7871	7.468	0.0952
12:20:16	9.7699	7.465	0.1011
12:20:26	9.8086	7.4216	0.1071
12:20:36	9.9115	7.3293	0.0898
12:20:46	10.0698	7.2151	0.1071
12:20:56	10.2162	7.1258	0.1029
12:21:06	10.287	7.1157	0.1071
12:21:16	10.243	7.1675	0.1106
12:21:26	10.1668	7.2222	0.1184
12:21:36	10.077	7.2728	0.1148
12:21:46	10.0145	7.3079	0.122
12:21:56	9.9645	7.3258	0.1297
12:22:06	9.9817	7.3014	0.1148
12:22:16	10.0008	7.2907	0.1148
12:22:26	9.9835	7.3168	0.1148
12:22:36	9.9514	7.3299	0.0934
12:22:46	9.9514	7.318	0.0934
12:22:56	9.9895	7.2734	0.1071
12:23:06	10.005	7.2788	0.1011
12:23:16	9.955	7.321	0.1148
12:23:26	9.9228	7.3406	0.1243
12:23:36	9.8961	7.3514	0.1297
12:23:46	9.9359	7.3103	0.1297
12:23:56	9.9954	7.268	0.1261
12:24:06	10.0603	7.221	0.1106
12:24:16	10.127	7.1812	0.1089
12:24:26	10.1555	7.1681	0.1011
12:24:36	10.1573	7.1651	0.0976
12:24:46	10.1365	7.1627	0.0993
12:24:56	10.1442	7.1455	0.0976
12:25:06	10.1478	7.1383	0.0993
12:25:16	10.1365	7.1615	0.0934
12:25:26	10.0674	7.2204	0.0726
12:25:36	9.9764	7.2788	0.063
12:25:46	9.902	7.3168	0.0571
12:25:56	9.8371	7.352	0.0553
12:26:06	9.7913	7.3674	0.0708
12:26:16	9.7967	7.3555	0.0743
12:26:26	9.8139	7.346	0.0666
12:26:36	9.8235	7.3448	0.069
12:26:46	9.8276	7.3395	0.0571

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:26:56	9.8371	7.3383	0.0648
12:27:06	9.8484	7.3186	0.0613
12:27:16	9.8502	7.3436	0.0666
12:27:26	9.7758	7.4168	0.0761
12:27:36	9.6997	7.4567	0.088
12:27:46	9.6652	7.4704	0.0857
12:27:56	9.6574	7.4692	0.0821
12:28:06	9.6955	7.44	0.0857
12:28:16	9.73	7.4222	0.0934
12:28:26	9.7723	7.3924	0.0916
12:28:36	9.7931	7.3883	0.0934
12:28:46	9.8044	7.3805	0.0857
12:28:56	9.8443	7.3436	0.0839
12:29:06	9.9074	7.2907	0.0898
12:29:16	9.9782	7.2615	0.069
12:29:26	10.0026	7.2591	0.063
12:29:36	10.0121	7.2597	0.0476
12:29:46	10.0294	7.2365	0.0404
12:29:56	10.0716	7.1978	0.0571

**Start Run 3B**

12:30:06	10.1192	7.1704	0.0476
12:30:16	10.146	7.1597	0.0476
12:30:26	10.1347	7.1716	0.0476
12:30:36	10.0942	7.2103	0.0476
12:30:46	10.0335	7.2407	0.0404
12:30:56	9.9859	7.2704	0.044
12:31:06	9.9514	7.2913	0.0476
12:31:16	9.9359	7.2853	0.0571
12:31:26	9.9454	7.2918	0.0666
12:31:36	9.9187	7.3139	0.0708
12:31:46	9.8901	7.3383	0.0708
12:31:56	9.8371	7.3781	0.0708
12:32:06	9.8062	7.3787	0.0708
12:32:16	9.8276	7.3716	0.1011
12:32:26	9.8502	7.352	0.1124
12:32:36	9.9091	7.3097	0.0934
12:32:46	9.9835	7.2544	0.0785
12:32:56	10.077	7.1859	0.1071
12:33:06	10.1442	7.1615	0.1106
12:33:16	10.1478	7.1972	0.1166
12:33:26	10.1097	7.2288	0.1202
12:33:36	10.1252	7.2121	0.1243
12:33:46	10.1764	7.1746	0.122



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:33:56	10.2394	7.1341	0.1053
12:34:06	10.2948	7.1014	0.1089
12:34:16	10.3216	7.0931	0.0993
12:34:26	10.3174	7.1026	0.1029
12:34:36	10.2966	7.1133	0.0934
12:34:46	10.2948	7.0919	0.0993
12:34:56	10.3311	7.0639	0.1106
12:35:06	10.3614	7.0532	0.1089
12:35:16	10.3519	7.0824	0.0916
12:35:26	10.3025	7.1353	0.0821
12:35:36	10.2412	7.1746	0.0785
12:35:46	10.2031	7.1996	0.0708
12:35:56	10.146	7.2347	0.0708
12:36:06	10.0674	7.277	0.0708
12:36:16	10.0145	7.2859	0.0785
12:36:26	10.0353	7.2544	0.069
12:36:36	10.0793	7.2222	0.0785
12:36:46	10.1079	7.2246	0.0857
12:36:56	10.0865	7.2669	0.0976
12:37:06	10.0258	7.3287	0.1011
12:37:16	9.9817	7.3573	0.1106
12:37:26	9.9514	7.3746	0.0785
12:37:36	9.9437	7.3764	0.0839
12:37:46	9.9645	7.3573	0.0857
12:37:56	10.0181	7.3085	0.0934
12:38:06	10.0829	7.2663	0.0857
12:38:16	10.1323	7.249	0.0839
12:38:26	10.1347	7.2615	0.0708
12:38:36	10.0924	7.2841	0.0648
12:38:46	10.0621	7.2782	0.0708
12:38:56	10.077	7.2478	0.0761
12:39:06	10.0984	7.2246	0.0648
12:39:16	10.1347	7.1806	0.063
12:39:26	10.1936	7.1383	0.0648
12:39:36	10.2335	7.1175	0.0666
12:39:46	10.2299	7.1371	0.0708
12:39:56	10.165	7.2002	0.0785
12:40:06	10.0865	7.2484	0.0785
12:40:16	10.0121	7.2942	0.0726
12:40:26	9.9764	7.3043	0.063
12:40:36	9.9764	7.3026	0.0648
12:40:46	9.9835	7.2918	0.0743
12:40:56	10.0216	7.2645	0.0916
12:41:06	10.0579	7.2478	0.0916

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:41:16	10.0526	7.3014	0.0743
12:41:26	9.955	7.3996	0.0857
12:41:36	9.8657	7.4543	0.088
12:41:46	9.8026	7.4972	0.0708
12:41:56	9.6919	7.5704	0.0708
12:42:06	9.5432	7.662	0.0708
12:42:16	9.4098	7.7435	0.0666
12:42:26	9.2724	7.8197	0.0952
12:42:36	9.1522	7.8334	0.1029
12:42:46	9.9306	7.2663	0.0708
12:42:56	9.4705	7.7483	0.0666
12:43:06	9.0433	8.0137	0.063
12:43:16	8.8986	8.1708	0.0708
12:43:26	8.9082	8.1536	0.069
12:43:36	9.0302	8.0738	0.0708
12:43:46	9.1462	8.0143	0.0708
12:43:56	9.2188	7.9762	0.0785
12:44:06	9.2438	7.9834	0.0821
12:44:16	9.217	8.0143	0.0952
12:44:26	9.1694	8.0613	0.0857
12:44:36	9.1599	7.9453	0.1071
12:44:46	9.0718	7.9524	0.1184
12:44:56	8.9992	8.1	0.122
12:45:06	9.0891	8.0952	0.1202
12:45:16	9.2914	7.9703	0.1148
12:45:26	9.5318	7.8179	0.1089
12:45:36	9.6824	7.7626	0.1089
12:45:46	9.7318	7.7537	0.1053
12:45:56	9.7092	7.7786	0.0976
12:46:06	9.6955	7.7781	0.0898
12:46:16	9.7092	7.79	0.0785
12:46:26	9.7015	7.7858	0.0857
12:46:36	9.705	7.7673	0.1011
12:46:46	9.7336	7.7328	0.1053
12:46:56	9.7282	7.6781	0.0934
12:47:06	9.6669	7.5614	0.0708
12:47:16	9.6556	7.6977	0.0517
12:47:26	9.6669	7.7358	0.0458
12:47:36	9.7241	7.7001	0.0327
12:47:46	9.8371	7.6186	0.0309
12:47:56	9.9669	7.5263	0.0285
12:48:06	10.1157	7.4138	0.0249
12:48:16	10.2906	7.2811	0.0249
12:48:26	10.4394	7.1883	0.0249

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:48:36	10.5007	7.1615	0.0404
12:48:46	10.5043	7.1627	0.0476
12:48:56	10.4781	7.1835	0.0404
12:49:06	10.4418	7.1913	0.0285
12:49:16	10.4168	7.1895	0.0172
12:49:26	10.4245	7.1627	0.0172
12:49:36	10.4703	7.1139	0.0154
12:49:46	10.556	7.0449	0.0113
12:49:56	10.6209	7.005	0.0095
12:50:06	10.6322	7.0264	0.0059
12:50:16	10.5864	7.0675	0.0095
12:50:26	10.5007	7.133	0.0136
12:50:36	10.3959	7.1978	0.0249
12:50:46	10.3061	7.2377	0.0327
12:50:56	10.2811	7.252	0.0458
12:51:06	10.3025	7.2264	0.0517
12:51:16	10.3364	7.2097	0.0571
12:51:26	10.3025	7.2692	0.0595
12:51:36	10.2049	7.3734	0.0404
12:51:46	10.0448	7.5007	0.0595
12:51:56	9.8883	7.5995	0.0476
12:52:06	9.7604	7.668	0.0785
12:52:16	9.6919	7.6989	0.0761
12:52:26	9.6693	7.7019	0.0857
12:52:36	9.711	7.6513	0.0785
12:52:46	9.7723	7.6055	0.0708
12:52:56	9.7854	7.6209	0.063
12:53:06	9.7169	7.684	0.0648
12:53:16	9.6288	7.7412	0.0517
12:53:26	9.5795	7.762	0.0708
12:53:36	9.5259	7.8025	0.0803
12:53:46	9.5104	7.7864	0.1011
12:53:56	9.5604	7.7406	0.1053
12:54:06	9.6461	7.6805	0.0993
12:54:16	9.7074	7.6513	0.1011
12:54:26	9.7032	7.6882	0.0934
12:54:36	9.6425	7.7453	0.0785
12:54:46	9.5527	7.8179	0.0857
12:54:56	9.461	7.8751	0.0857
12:55:06	9.3979	7.9048	0.0785
12:55:16	9.4057	7.8804	0.0726
12:55:26	9.4212	7.8632	0.0726
12:55:36	9.4842	7.8114	0.0708
12:55:46	9.5467	7.7804	0.0708

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:55:56	9.4955	7.8376	0.063
12:56:06	9.3676	7.9304	0.063
12:56:16	9.242	8.0084	0.0571
12:56:26	9.154	8.0488	0.0571
12:56:36	9.1159	8.0589	0.063
12:56:46	9.1236	8.0363	0.0708
12:56:56	9.198	7.9625	0.0743
12:57:06	9.3045	7.8983	0.0785
12:57:16	9.3581	7.8751	0.0571
12:57:26	9.3408	7.9078	0.0476
12:57:36	9.2742	7.9667	0.0327
12:57:46	9.1807	8.0345	0.0327
12:57:56	9.0891	8.0839	0.0327
12:58:06	9.045	8.0768	0.0404
12:58:16	9.0813	8.0506	0.0476
12:58:26	9.1272	8.003	0.0553
12:58:36	9.1748	7.9679	0.0535
12:58:46	9.2188	7.9518	0.0476
12:58:56	9.2301	7.9756	0.0553
12:59:06	9.1903	8.0351	0.0553
12:59:16	9.173	8.0453	0.0571
12:59:26	9.1885	8.0572	0.0571
12:59:36	9.2206	8.0375	0.0648
12:59:46	9.2682	8.0084	0.0648
12:59:56	9.3426	7.9548	0.0517
13:00:06	9.4265	7.8887	0.0553
13:00:16	9.4896	7.8655	0.0476
13:00:26	9.4801	7.8911	0.0571
13:00:36	9.4723	7.8977	0.0595
13:00:46	9.4461	7.9048	0.0571
13:00:56	9.461	7.8899	0.0595
13:01:06	9.4914	7.8596	0.0648
13:01:16	9.5241	7.8376	0.044
13:01:26	9.5717	7.8084	0.0476
13:01:36	9.6044	7.8019	0.0595
13:01:46	9.5699	7.8167	0.0553
13:01:56	9.5812	7.7888	0.0553
13:02:06	9.6479	7.7132	0.0476
13:02:16	9.7931	7.6162	0.063
13:02:26	9.9133	7.5358	0.0708
13:02:36	10.0085	7.4989	0.063
13:02:46	10.024	7.5293	0.0571
13:02:56	9.9782	7.584	0.0476
13:03:06	9.98	7.5727	0.044

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:03:16	10.0317	7.5269	0.0595
13:03:26	10.121	7.4781	0.0571
13:03:36	10.2013	7.4103	0.0648
13:03:46	10.3293	7.3371	0.0708
13:03:56	10.415	7.2829	0.0708
13:04:06	10.4471	7.2841	0.0708
13:04:16	10.3942	7.3401	0.0553
13:04:26	10.2906	7.418	0.069
13:04:36	10.2013	7.4585	0.0595
13:04:46	10.1633	7.4722	0.0476
13:04:56	10.1537	7.4763	0.0476
13:05:06	10.1996	7.424	0.0404
13:05:16	10.2853	7.3621	0.0404
13:05:26	10.3519	7.3293	0.0404
13:05:36	10.371	7.3276	0.0327
13:05:46	10.3692	7.3514	0.0327
13:05:56	10.3311	7.4049	0.0476
13:06:06	10.2739	7.4591	0.0363
13:06:16	10.2067	7.5049	0.0553
13:06:26	10.2109	7.4936	0.0571
13:06:36	10.2811	7.4341	0.063
13:06:46	10.3692	7.3781	0.0571
13:06:56	10.4662	7.3049	0.0476
13:07:06	10.5197	7.277	0.0595
13:07:16	10.4894	7.3162	0.0595
13:07:26	10.3959	7.3734	0.0785
13:07:36	10.3233	7.4115	0.0898
13:07:46	10.2966	7.4127	0.0976
13:07:56	10.3251	7.3746	0.1011
13:08:06	10.4531	7.2758	0.0934
13:08:16	10.562	7.2085	0.0857
13:08:26	10.6459	7.1502	0.0785
13:08:36	10.6626	7.1859	0.0857
13:08:46	10.5501	7.2871	0.0666
13:08:56	10.4281	7.3567	0.0803
13:09:06	10.3864	7.3722	0.0726
13:09:16	10.4608	7.2865	0.0708
13:09:26	10.6191	7.1699	0.0648
13:09:36	10.8232	7.0371	0.063
13:09:46	10.9946	6.9288	0.0761
13:09:56	11.1035	6.8693	0.0476
13:10:06	11.1208	6.8931	0.0571
13:10:16	11.0309	6.986	0.0648
13:10:26	10.8976	7.0824	0.063

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:10:36	10.7905	7.1544	0.0708
13:10:46	10.7274	7.1806	0.0571
13:10:56	10.7465	7.1544	0.0761
13:11:06	10.8381	7.0806	0.0785
13:11:16	10.9601	6.9973	0.0761
13:11:26	11.0613	6.9473	0.069
13:11:36	11.0785	6.9675	0.063
13:11:46	10.9601	7.0907	0.0726
13:11:56	10.7697	7.2079	0.0821
13:12:06	10.6554	7.2627	0.1011
13:12:16	10.5525	7.3133	0.1011
13:12:26	10.5406	7.2889	0.0934
13:12:36	10.6459	7.1978	0.1011
13:12:46	10.7697	7.1103	0.1124
13:12:56	10.8667	7.0532	0.0934
13:13:06	10.9012	7.0633	0.0934
13:13:16	10.8268	7.1383	0.0934
13:13:26	10.7161	7.2133	0.0785
13:13:36	10.6364	7.252	0.0934
13:13:46	10.6036	7.2615	0.0993
13:13:56	10.6209	7.2288	0.0934
13:14:06	10.7179	7.1556	0.0934
13:14:16	10.8113	7.077	0.0821
13:14:26	10.8631	7.0639	0.0708
13:14:36	10.7965	7.1556	0.0571
13:14:46	10.634	7.2829	0.0517
13:14:56	10.4108	7.4424	0.0476
13:15:06	10.1746	7.5894	0.0476
13:15:16	9.9895	7.6727	0.0404
13:15:26	9.921	7.6918	0.0249
13:15:36	9.9038	7.6888	0.0095
13:15:46	9.9377	7.6644	0.0232
13:15:56	9.9306	7.665	0.0249
13:16:06	9.9419	7.6376	0.0345
13:16:16	9.9454	7.6412	0.0345
13:16:26	9.9496	7.6263	0.0327
13:16:36	9.9609	7.5864	0.0404
13:16:46	10.0639	7.5001	0.0404
13:16:56	10.1823	7.4204	0.0327
13:17:06	10.2906	7.3668	0.0327
13:17:16	10.3043	7.4079	0.0327
13:17:26	10.2222	7.4978	0.0249
13:17:36	10.1442	7.5477	0.0404
13:17:46	10.096	7.5799	0.0327

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:17:56	10.0865	7.5799	0.0345
13:18:06	10.1496	7.5222	0.0476
13:18:16	10.2603	7.4513	0.0404
13:18:26	10.371	7.3829	0.0232
13:18:36	10.4358	7.3704	0.0095
13:18:46	10.4186	7.415	0.0232
13:18:56	10.3311	7.4817	0.0249
13:19:06	10.2013	7.5799	0.0249
13:19:16	10.0924	7.6436	0.0309
13:19:26	10.0466	7.6442	0.019
13:19:36	10.102	7.5936	0.0172
13:19:46	10.1823	7.5382	0.0172
13:19:56	10.2811	7.465	0.0172
13:20:06	10.365	7.4347	0.0249
13:20:16	10.3614	7.4722	0.0172
13:20:26	10.3138	7.5192	0.0249
13:20:36	10.2376	7.5763	0.0309
13:20:46	10.1764	7.5924	0.0327
13:20:56	10.224	7.5323	0.0309
13:21:06	10.409	7.3728	0.0327
13:21:16	10.6072	7.2454	0.0404
13:21:26	10.7792	7.1246	0.044
13:21:36	10.8881	7.0937	0.0476
13:21:46	10.8554	7.1425	0.0553
13:21:56	10.7298	7.23	0.0476
13:22:06	10.581	7.3139	0.0476
13:22:16	10.4608	7.3728	0.0476
13:22:26	10.3995	7.3859	0.0476
13:22:36	10.4513	7.3264	0.0571
13:22:46	10.5923	7.2109	0.0613
13:22:56	10.7256	7.149	0.0476
13:23:06	10.7239	7.205	0.0535
13:23:16	10.6072	7.3133	0.0571
13:23:26	10.4626	7.4246	0.0708
13:23:36	10.3097	7.5341	0.0708
13:23:46	10.2144	7.5745	0.0916
13:23:56	10.2281	7.5323	0.0934
13:24:06	10.3692	7.4204	0.1071
13:24:16	10.537	7.3139	0.1148
13:24:26	10.6572	7.252	0.1011
13:24:36	10.7084	7.2555	0.1071
13:24:46	10.6512	7.3085	0.1089
13:24:56	10.5786	7.349	0.0934
13:25:06	10.512	7.3906	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:25:16	10.4971	7.3758	0.0952
13:25:26	10.5525	7.3127	0.0934
13:25:36	10.678	7.2276	0.0708
13:25:46	10.8042	7.127	0.0666
13:25:56	10.8786	7.0949	0.0761
13:26:06	10.8649	7.1318	0.0708
13:26:16	10.7756	7.2044	0.0708
13:26:26	10.6989	7.249	0.0708
13:26:36	10.6435	7.2865	0.0743
13:26:46	10.6132	7.2948	0.0839
13:26:56	10.6626	7.2365	0.0839
13:27:06	10.7774	7.1609	0.0785
13:27:16	10.8708	7.099	0.0821
13:27:26	10.9375	7.0615	0.0743
13:27:36	10.9375	7.0853	0.0785
13:27:46	10.85	7.1675	0.0648
13:27:56	10.7393	7.2538	0.0571
13:28:06	10.6477	7.3043	0.0517
13:28:16	10.6304	7.3014	0.0571
13:28:26	10.6893	7.2353	0.0476
13:28:36	10.7923	7.1621	0.0404
13:28:46	10.8667	7.1258	0.0535
13:28:56	10.8744	7.1401	0.0327
13:29:06	10.7488	7.2544	0.044
13:29:16	10.562	7.3716	0.0571
13:29:26	10.4055	7.4406	0.0571
13:29:36	10.3537	7.4382	0.0517
13:29:46	10.3977	7.3752	0.0571
13:29:56	10.4686	7.327	0.0648
13:30:06	10.4947	7.346	0.0708
13:30:16	10.4816	7.3758	0.0708
13:30:26	10.4203	7.4287	0.0785
13:30:36	10.3977	7.4222	0.0743
13:30:46	10.3977	7.4127	0.0785
13:30:56	10.4453	7.3555	0.0648
13:31:06	10.5233	7.3234	0.0666
13:31:16	10.5465	7.3264	0.063
13:31:26	10.5162	7.3543	0.0708
13:31:36	10.5179	7.3448	0.0708
13:31:46	10.5179	7.352	0.0708
13:31:56	10.4894	7.3645	0.0476
13:32:06	10.4781	7.3674	0.0517
13:32:16	10.4816	7.3555	0.0708
13:32:26	10.493	7.3401	0.0708



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
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**Start Calibration**

13:32:36	10.493	7.3406	0.0708
13:32:46	10.5007	7.3216	0.1011
13:32:56	10.5257	7.2936	0.3642
13:33:06	7.8858	1.8383	0.0267
13:33:16	0.8242	0.36	0.0327
13:33:26	0.1797	0.2803	0.0249
13:33:36	0.0952	0.2398	0.0172
13:33:46	0.0517	0.2071	0.0422
13:33:56	0.0249	0.1862	0.0363
13:34:06	0.0059	0.1731	0.0285
13:34:16	-0.0078	0.1612	0.0249
13:34:26	-0.0209	0.1511	0.0208

**Zero Bias**

	<b>-0.0076</b>	<b>0.1618</b>	<b>0.024733</b>
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13:34:36	-0.0244	0.1464	0.0993
13:34:46	-0.0286	0.1487	0.8319
13:34:56	6.079	3.235	11.3874
13:35:06	17.0146	0.2517	12.292
13:35:16	19.6124	0.1803	12.4312
13:35:26	19.9387	0.1547	12.5151
13:35:36	20.053	0.1404	12.5473
13:35:46	20.1179	0.1303	12.5455
13:35:56	20.1582	0.1249	12.561
13:36:06	20.1904	0.1202	12.5741

**THC Bias**

	<b>20.1555</b>	<b>0.125133</b>	<b>12.5602</b>
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13:36:16	20.2076	0.1184	12.5877
13:36:26	20.2191	0.1166	7.346
13:36:36	20.198	0.3166	0.8926
13:36:46	14.1457	6.4254	0.6218
13:36:56	11.5975	6.786	0.532

**Resume Run 3B**

13:37:06	11.3249	6.8509	0.4558
13:37:16	11.2386	6.9235	0.4082
13:37:26	11.1131	7.0318	0.3665
13:37:36	10.9738	7.1193	0.3493
13:37:46	10.8536	7.1877	0.3189
13:37:56	10.8	7.1865	0.3035
13:38:06	10.8554	7.1211	0.2767
13:38:16	11.0196	6.986	0.2707
13:38:26	11.1779	6.8747	0.2689

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:38:36	11.2922	6.7985	0.2559
13:38:46	11.3225	6.8181	0.2559
13:38:56	11.2142	6.9134	0.2445
13:39:06	11.0976	6.9776	0.2249
13:39:16	10.9869	7.049	0.21
13:39:26	10.9149	7.0824	0.2154
13:39:36	10.9411	7.0312	0.2118
13:39:46	11.0387	6.9568	0.1832
13:39:56	11.1571	6.8675	0.1678
13:40:06	11.2196	6.8693	0.166
13:40:16	11.1381	6.9592	0.1832
13:40:26	10.9583	7.0949	0.191
13:40:36	10.7524	7.2216	0.21
13:40:46	10.6114	7.2728	0.1928
13:40:56	10.5864	7.2478	0.1815
13:41:06	10.6935	7.1484	0.1678
13:41:16	10.8113	7.0687	0.166
13:41:26	10.9315	6.983	0.1678
13:41:36	11.0101	6.9514	0.16
13:41:46	10.9798	7.0127	0.166
13:41:56	10.8786	7.0746	0.1583
13:42:06	10.7715	7.146	0.1452
13:42:16	10.6685	7.1937	0.1392
13:42:26	10.6685	7.1591	0.1452
13:42:36	10.7542	7.0883	0.141
13:42:46	10.9071	6.9669	0.1243
13:42:56	11.0405	6.8997	0.1071
13:43:06	11.0518	6.9241	0.1011
13:43:16	10.9339	7.0365	0.088
13:43:26	10.7066	7.1937	0.0993
13:43:36	10.5025	7.3073	0.0857
13:43:46	10.3727	7.3585	0.0857
13:43:56	10.3311	7.368	0.0934
13:44:06	10.371	7.3264	0.1106
13:44:16	10.4418	7.2722	0.1106
13:44:26	10.4971	7.2502	0.1011
13:44:36	10.4876	7.2776	0.0993
13:44:46	10.3745	7.3841	0.0934
13:44:56	10.1996	7.4745	0.1011
13:45:06	10.0466	7.5698	0.0993
13:45:16	9.9532	7.6001	0.1071
13:45:26	9.9514	7.5668	0.1106
13:45:36	10.0544	7.4817	0.1261
13:45:46	10.1918	7.3894	0.1184

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:45:56	10.3043	7.3401	0.1089
13:46:06	10.3198	7.3567	0.1071
13:46:16	10.2394	7.4377	0.1029
13:46:26	10.1002	7.5162	0.1011
13:46:36	9.9817	7.5775	0.0934
13:46:46	9.9115	7.5977	0.0934
13:46:56	9.8865	7.5805	0.1089
13:47:06	9.9627	7.5192	0.0743
13:47:16	10.0466	7.465	0.0857
13:47:26	10.096	7.4513	0.0743
13:47:36	10.077	7.4936	0.0761
13:47:46	9.9591	7.59	0.0785
13:47:56	9.852	7.6751	0.0821
13:48:06	9.7145	7.765	0.0743
13:48:16	9.6193	7.8078	0.0821
13:48:26	9.6288	7.7763	0.0857
13:48:36	9.7128	7.7221	0.0993
13:48:46	9.8217	7.6459	0.0976
13:48:56	9.9038	7.6073	0.0857
13:49:06	9.9133	7.6352	0.0952
13:49:16	9.8562	7.6739	0.1029
13:49:26	9.8157	7.7001	0.122
13:49:36	9.7794	7.7084	0.122
13:49:46	9.7741	7.6989	0.1089
13:49:56	9.852	7.6168	0.1089
13:50:06	9.9574	7.5466	0.1089
13:50:16	10.0847	7.4674	0.1089
13:50:26	10.1764	7.4353	0.1011
13:50:36	10.1781	7.4597	0.1011
13:50:46	10.1365	7.4859	0.0934
13:50:56	10.096	7.5186	0.0898
13:51:06	10.0353	7.5591	0.0785
13:51:16	10.0216	7.5454	0.0743
13:51:26	10.0907	7.4918	0.0708
13:51:36	10.1686	7.4448	0.0708
13:51:46	10.2549	7.4103	0.0708
13:51:56	10.2739	7.4406	0.0708
13:52:06	10.1996	7.5186	0.0708
13:52:16	10.102	7.5989	0.0785
13:52:26	9.9972	7.6721	0.0708
13:52:36	9.9782	7.6721	0.0785
13:52:46	10.0258	7.6346	0.0785
13:52:56	10.1764	7.5275	0.088
13:53:06	10.3442	7.4192	0.0839

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:53:16	10.5084	7.3371	0.0821
13:53:26	10.5751	7.3276	0.0857
13:53:36	10.5465	7.3704	0.0857
13:53:46	10.4876	7.4222	0.0857
13:53:56	10.4037	7.4638	0.0934
13:54:06	10.39	7.449	0.0976
13:54:16	10.4721	7.3698	0.1011
13:54:26	10.6019	7.2799	0.0993
13:54:36	10.7203	7.1996	0.0934
13:54:46	10.8191	7.1431	0.0857
13:54:56	10.8363	7.1627	0.0785
13:55:06	10.7661	7.2234	0.0785
13:55:16	10.678	7.2776	0.0666
13:55:26	10.6054	7.3121	0.0821
13:55:36	10.5882	7.2871	0.0785
13:55:46	10.6685	7.221	0.0785
13:55:56	10.7697	7.1508	0.0785
13:56:06	10.8613	7.0889	0.0761
13:56:16	10.9089	7.0919	0.0708
13:56:26	10.8268	7.1627	0.0648
13:56:36	10.6435	7.2978	0.0708
13:56:46	10.4394	7.4287	0.0708
13:56:56	10.2507	7.5168	0.0785
13:57:06	10.1805	7.5263	0.0785
13:57:16	10.2376	7.4626	0.0708
13:57:26	10.3293	7.3966	0.0934
13:57:36	10.4132	7.3514	0.0976
13:57:46	10.4453	7.3621	0.0934
13:57:56	10.3942	7.4323	0.1011
13:58:06	10.3001	7.4918	0.1011
13:58:16	10.2204	7.5382	0.1089
13:58:26	10.1859	7.5251	0.1089
13:58:36	10.2335	7.4704	0.0976
13:58:46	10.3251	7.3894	0.0821
13:58:56	10.4299	7.2996	0.0821
13:59:06	10.5733	7.1907	0.0857
13:59:16	10.6745	7.1538	0.0743
13:59:26	10.6322	7.2157	0.0708
13:59:36	10.5215	7.302	0.0571
13:59:46	10.384	7.3918	0.0476
13:59:56	10.3061	7.4097	0.0404
14:00:06	10.287	7.3948	0.0327
14:00:16	10.3632	7.3246	0.0345
14:00:26	10.4608	7.2597	0.0404

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:00:36	10.5542	7.2079	0.0476
14:00:46	10.5691	7.227	0.0404
14:00:56	10.5162	7.2841	0.0404
14:01:06	10.4281	7.3514	0.0327
14:01:16	10.365	7.3853	0.0404
14:01:26	10.3216	7.4085	0.0458
14:01:36	10.3156	7.4055	0.0404
14:01:46	10.3501	7.3734	0.0404
14:01:56	10.4376	7.3032	0.0476
14:02:06	10.5328	7.2323	0.0422
14:02:16	10.6667	7.1318	0.0404
14:02:26	10.7965	7.0473	0.0476
14:02:36	10.8786	7.0098	0.0553
14:02:46	10.8899	7.0377	0.0517
14:02:56	10.8209	7.0972	0.0517
14:03:06	10.7221	7.1704	0.0571
14:03:16	10.6649	7.1806	0.063
14:03:26	10.6935	7.1508	0.063
14:03:36	10.7965	7.0645	0.0571
14:03:46	10.9089	6.9913	0.0404
14:03:56	10.9869	6.9532	0.044
14:04:06	11.0405	6.9342	0.044
14:04:16	11.0595	6.9372	0.063
14:04:26	11.0214	7.005	0.0803
14:04:36	10.9244	7.1014	0.0934
14:04:46	10.8	7.2026	0.1011
14:04:56	10.7203	7.2514	0.1106
14:05:06	10.6989	7.2865	0.1297
14:05:16	10.6989	7.3002	0.1452
14:05:26	10.7542	7.2692	0.1624
14:05:36	10.8572	7.2181	0.166
14:05:46	10.972	7.1365	0.1868
14:05:56	11.0827	7.083	0.1678
14:06:06	11.0827	7.1288	0.16
14:06:16	10.9774	7.221	0.1529
14:06:26	10.8857	7.2674	0.1452
14:06:36	10.8476	7.2799	0.1583
14:06:46	10.8708	7.2514	0.1547
14:06:56	10.9167	7.2067	0.1547
14:07:06	11.0232	7.1068	0.16
14:07:16	11.1684	6.9913	0.1529
14:07:26	11.2868	6.9205	0.1392
14:07:36	11.3398	6.9068	0.1315
14:07:46	11.3059	6.9366	0.1261

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:07:56	11.2636	6.9366	0.1374
14:08:06	11.2124	6.9586	0.1374
14:08:16	11.1452	6.9794	0.1374
14:08:26	11.1208	6.9598	0.1297
14:08:36	11.1452	6.9145	0.1166
14:08:46	11.197	6.8622	0.1166
14:08:56	11.1779	6.8991	0.1243
14:09:06	11.0827	6.9824	0.1106
14:09:16	10.9506	7.0592	0.0934
14:09:26	10.8649	7.1032	0.0934
14:09:36	10.7887	7.1449	0.0993
14:09:46	10.7661	7.1449	0.1089
14:09:56	10.806	7.0967	0.1243
14:10:06	10.8917	7.0264	0.1184
14:10:16	10.9946	6.958	0.1089
14:10:26	11.0708	6.9526	0.1071
14:10:36	11.069	6.9842	0.1184
14:10:46	11.0577	6.9854	0.1243
14:10:56	11.0881	6.9699	0.1315
14:11:06	11.1017	6.9443	0.1374
14:11:16	11.1571	6.8919	0.122
14:11:26	11.2291	6.8235	0.1297
14:11:36	11.319	6.7616	0.122
14:11:46	11.3553	6.7509	0.1148
14:11:56	11.3154	6.8009	0.1029
14:12:06	11.1815	6.9038	0.1011
14:12:16	11.0785	6.9318	0.0934
14:12:26	11.0387	6.9514	0.0821
14:12:36	11.0577	6.8907	0.0821
14:12:46	11.1416	6.8229	0.0761
14:12:56	11.222	6.7693	0.0708
14:13:06	11.2386	6.7658	0.0708
14:13:16	11.2029	6.8021	0.0708
14:13:26	11.1381	6.8634	0.0571
14:13:36	11.0083	6.9717	0.0648
14:13:46	10.9054	7.0318	0.044
14:13:56	10.8441	7.058	0.0571
14:14:06	10.8232	7.0675	0.0553
14:14:16	10.8328	7.0437	0.0476
14:14:26	10.8708	7.0104	0.0476
14:14:36	10.8994	7.0098	0.0476
14:14:46	10.8595	7.0568	0.0553
14:14:56	10.7828	7.1288	0.0571
14:15:06	10.7012	7.1925	0.063

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:15:16	10.6209	7.2502	0.069
14:15:26	10.556	7.2788	0.0708
14:15:36	10.537	7.2716	0.0708
14:15:46	10.5751	7.227	0.0743
14:15:56	10.6269	7.1776	0.0839
14:16:06	10.7012	7.1234	0.0761
14:16:16	10.7488	7.1097	0.0857
14:16:26	10.781	7.0996	0.1148
14:16:36	10.8018	7.0919	0.0976
14:16:46	10.8078	7.0949	0.0857
14:16:56	10.8137	7.0853	0.0857
14:17:06	10.8173	7.083	0.1089
14:17:16	10.7947	7.1032	0.1071
14:17:26	10.7732	7.1097	0.1053
14:17:36	10.7488	7.1341	0.0934
14:17:46	10.6893	7.1681	0.0934
14:17:56	10.659	7.1591	0.0821
14:18:06	10.6703	7.1401	0.0857
14:18:16	10.6816	7.1341	0.0761
14:18:26	10.6608	7.1609	0.0857
14:18:36	10.5673	7.2532	0.0934
14:18:46	10.4132	7.3537	0.0916
14:18:56	10.3347	7.3829	0.0839
14:19:06	10.2549	7.4382	0.0857
14:19:16	10.2013	7.4513	0.0934
14:19:26	10.2222	7.4055	0.0898
14:19:36	10.2775	7.3716	0.0934
14:19:46	10.3156	7.349	0.0934
14:19:56	10.3311	7.3662	0.0934
14:20:06	10.3079	7.3906	0.0857
14:20:16	10.243	7.4317	0.0821
14:20:26	10.1764	7.4734	0.0898
14:20:36	10.1365	7.471	0.0785
14:20:46	10.1133	7.4734	0.0708
14:20:56	10.1383	7.4323	0.0785
14:21:06	10.2013	7.365	0.0785
14:21:16	10.2983	7.3079	0.0666
14:21:26	10.3156	7.3287	0.063
14:21:36	10.2585	7.3811	0.0648
14:21:46	10.1936	7.418	0.0708
14:21:56	10.1252	7.4626	0.063
14:22:06	10.0466	7.4859	0.0404
14:22:16	10.024	7.4811	0.0458
14:22:26	10.0734	7.4275	0.0553

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:22:36	10.127	7.3918	0.0476
14:22:46	10.1609	7.3787	0.0571
14:22:56	10.1347	7.424	0.0553
14:23:06	10.0466	7.4972	0.0553
14:23:16	9.9591	7.5543	0.0476
14:23:26	9.8633	7.6245	0.0476
14:23:36	9.7836	7.6691	0.0571
14:23:46	9.7508	7.6584	0.0476
14:23:56	9.8062	7.6126	0.0345
14:24:06	9.8598	7.5829	0.0404
14:24:16	9.8925	7.5763	0.0476
14:24:26	9.8883	7.6192	0.0476
14:24:36	9.8348	7.6888	0.0476
14:24:46	9.7645	7.7519	0.0363
14:24:56	9.6824	7.828	0.0363
14:25:06	9.6211	7.859	0.0404
14:25:16	9.6062	7.8578	0.0458
14:25:26	9.6616	7.8048	0.0571
14:25:36	9.7508	7.7537	0.0404
14:25:46	9.7913	7.7435	0.044
14:25:56	9.7949	7.7566	0.0613
14:26:06	9.755	7.7977	0.0476
14:26:16	9.711	7.8328	0.0553
14:26:26	9.633	7.8846	0.0708
14:26:36	9.5795	7.9036	0.0761
14:26:46	9.6098	7.8423	0.0726
14:26:56	9.686	7.8036	0.0857
14:27:06	9.7128	7.7923	0.0821
14:27:16	9.7145	7.7983	0.0821
14:27:26	9.6747	7.8316	0.088
14:27:36	9.6116	7.8858	0.0708
14:27:46	9.5205	7.9524	0.0666
14:27:56	9.3979	8.0274	0.0708
14:28:06	9.2992	8.0756	0.0839
14:28:16	9.2932	8.0357	0.069
14:28:26	9.3771	7.9697	0.0726
14:28:36	9.4723	7.9078	0.0613
14:28:46	9.5259	7.9125	0.0708
14:28:56	9.486	7.9673	0.0857
14:29:06	9.4289	8.0173	0.0785
14:29:16	9.3789	8.0708	0.0857
14:29:26	9.3331	8.0833	0.0857
14:29:36	9.3486	8.0572	0.0934
14:29:46	9.417	8.0084	0.1011



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:29:56	9.4842	7.9536	0.1011
14:30:06	9.5586	7.9102	0.0976
14:30:16	9.6021	7.9024	0.0857
14:30:26	9.6003	7.9054	0.063
14:30:36	9.6098	7.9006	0.0553
14:30:46	9.6175	7.8864	0.0476
14:30:56	9.608	7.8786	0.0458
14:31:06	9.6021	7.8679	0.063
14:31:16	9.5908	7.887	0.0648
14:31:26	9.5699	7.9268	0.0857
14:31:36	9.5467	7.9494	0.0934
14:31:46	9.5336	7.9899	0.1148
14:31:56	9.4878	8.0375	0.1297
14:32:06	9.4384	8.0822	0.1297
14:32:16	9.3944	8.1107	0.1487
14:32:26	9.3771	8.1048	0.1529
14:32:36	9.4307	8.0506	0.1797
14:32:46	9.5205	7.9792	0.1946
14:32:56	9.6158	7.9369	0.1963
14:33:06	9.6158	7.9685	0.2041
14:33:16	9.5491	8.0268	0.2041
14:33:26	9.5009	8.0411	0.2196
14:33:36	9.4515	8.0697	0.2023
14:33:46	9.4194	8.0673	0.2005
14:33:56	9.4342	8.0107	0.1892
14:34:06	9.5301	7.9227	0.1892
14:34:16	9.6634	7.8161	0.1815
14:34:26	9.7473	7.787	0.1696
14:34:36	9.7336	7.8114	0.1565
14:34:46	9.6884	7.8435	0.166
14:34:56	9.633	7.884	0.1452
14:35:06	9.5414	7.9358	0.1297
14:35:16	9.4801	7.9459	0.1089
14:35:26	9.4747	7.9227	0.1089
14:35:36	9.5432	7.8542	0.1148
14:35:46	9.6116	7.8245	0.122
14:35:56	9.6271	7.809	0.1124
14:36:06	9.5753	7.8626	0.1011
14:36:16	9.5033	7.9108	0.1011
14:36:26	9.4461	7.9316	0.088
14:36:36	9.4057	7.9518	0.0726
14:36:46	9.3849	7.9441	0.0785
14:36:56	9.4247	7.8923	0.0898
14:37:06	9.5069	7.8328	0.0857

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:37:16	9.583	7.7923	0.0993
14:37:26	9.6062	7.803	0.0934
14:37:36	9.5967	7.828	0.0785
14:37:46	9.5277	7.8864	0.0761
14:37:56	9.4533	7.9328	0.0613
14:38:06	9.4039	7.9542	0.0571
14:38:16	9.3962	7.9262	0.069
14:38:26	9.4723	7.8489	0.063
14:38:36	9.5795	7.765	0.0708
14:38:46	9.6901	7.7007	0.0648
14:38:56	9.7282	7.706	0.0708
14:39:06	9.6955	7.7489	0.0785
14:39:16	9.6021	7.8126	0.0785
14:39:26	9.5205	7.8673	0.0785
14:39:36	9.4402	7.8977	0.0743
14:39:46	9.4134	7.9001	0.0708
14:39:56	9.4325	7.8757	0.0857
14:40:06	9.4896	7.8269	0.0743
14:40:16	9.5336	7.8126	0.0785
14:40:26	9.5205	7.8542	0.0571
14:40:36	9.4592	7.9108	0.0571
14:40:46	9.3831	7.9578	0.0458
14:40:56	9.3295	7.9994	0.0327
14:41:06	9.2819	8.0238	0.0363
14:41:16	9.2587	8.0131	0.0345
14:41:26	9.3295	7.9524	0.0327
14:41:36	9.4325	7.8834	0.0327
14:41:46	9.4991	7.8649	0.0404
14:41:56	9.4914	7.8893	0.0499
14:42:06	9.4575	7.9358	0.0648
14:42:16	9.4229	7.9643	0.0708
14:42:26	9.3676	8	0.0648
14:42:36	9.3486	7.9947	0.1011
14:42:46	9.4057	7.9352	0.1053
14:42:56	9.5033	7.8876	0.0952
14:43:06	9.5967	7.8399	0.1089
<b>Start Calibration</b>			
14:43:16	9.6574	7.8161	0.1339
14:43:26	9.6788	7.8376	1.4842
14:43:36	9.8407	0.8724	0.0232
14:43:46	0.9861	0.3886	0.0095
14:43:56	0.2368	0.3029	0.0208
14:44:06	0.1166	0.2517	0.0172

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
14:44:16	0.0613	0.219	0.0017
14:44:26	0.0309	0.1952	0.0095
14:44:36	0.0095	0.1785	0.0017
14:44:46	-0.0078	0.1672	0.0041
14:44:56	-0.0173	0.1588	0.0172
<b>Zero Bias</b>	<b>-0.0052</b>	<b>0.168167</b>	<b>0.007667</b>
14:45:06	-0.0244	0.1547	0.3761
14:45:16	0.1011	0.8236	3.7807
14:45:26	5.7398	1.3009	11.4487
14:45:36	18.1476	0.2404	12.0896
14:45:46	19.7307	0.1815	12.2652
14:45:56	19.9785	0.1547	12.3318
14:46:06	20.0741	0.1434	12.4253
14:46:16	20.1351	0.1339	12.511
14:46:26	20.1733	0.1285	12.5282
14:46:36	20.202	0.1249	12.53
14:46:46	20.2227	0.122	12.5324
14:46:56	20.2363	0.119	12.5532
14:47:06	20.2478	0.1166	12.5627
<b>THC Mid Bias</b>	<b>20.2356</b>	<b>0.1192</b>	<b>12.54943</b>
14:47:16	20.2554	0.116	12.5247
14:47:26	20.2554	0.119	1.3294
14:47:36	17.562	5.0489	0.4808
14:47:46	11.3094	7.1752	0.3285
14:47:56	10.2222	7.44	0.2445
14:48:06	9.8615	7.6537	0.2154
14:48:16	9.6098	7.8215	0.1815
14:48:26	9.4533	7.9131	0.1737
<b>Resume Run 3B</b>			
14:48:36	9.3313	8.0054	0.1755
14:48:46	9.2343	8.0762	0.16
14:48:56	9.198	8.0631	0.1565
14:49:06	9.2533	8.0387	0.1315
14:49:16	9.2855	8.0185	0.1243
14:49:26	9.2777	8.0417	0.122
14:49:36	9.2093	8.103	0.1124
14:49:46	9.1123	8.1756	0.0934
14:49:56	9.0147	8.2268	0.0857
14:50:06	8.9766	8.222	0.0857
14:50:16	9.0093	8.1863	0.0857
14:50:26	9.1444	8.0703	0.0839

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:50:36	9.3236	7.9572	0.0785
14:50:46	9.4652	7.8703	0.0857
14:50:56	9.5622	7.8316	0.0821
14:51:06	9.5449	7.8774	0.0916
14:51:16	9.442	7.9483	0.0993
14:51:26	9.3331	8.009	0.1011
14:51:36	9.295	8.006	0.1166
14:51:46	9.3355	7.9631	0.1148
14:51:56	9.4384	7.8893	0.1089
14:52:06	9.5414	7.8108	0.1148
14:52:16	9.6729	7.7304	0.1356
14:52:26	9.7128	7.7382	0.1297
14:52:36	9.6693	7.7846	0.1089
14:52:46	9.6271	7.7995	0.1011
14:52:56	9.6021	7.8138	0.0857
14:53:06	9.6288	7.7697	0.0857
14:53:16	9.7015	7.7168	0.0976
14:53:26	9.8235	7.6346	0.1011
14:53:36	9.9228	7.5757	0.1071
14:53:46	9.9931	7.5501	0.1053
14:53:56	9.999	7.5775	0.088
14:54:06	9.8847	7.684	0.0726
14:54:16	9.7413	7.7733	0.0613
14:54:26	9.6288	7.828	0.0708
14:54:36	9.6003	7.828	0.0648
14:54:46	9.6574	7.7602	0.0458
14:54:56	9.7854	7.687	0.0404
14:55:06	9.8865	7.6275	0.0404
14:55:16	9.9437	7.6221	0.0404
14:55:26	9.9115	7.6834	0.0458
14:55:36	9.8086	7.7388	0.0517
14:55:46	9.8062	7.7453	0.0595
14:55:56	9.7413	7.7846	0.0535
14:56:06	9.73	7.7667	0.0571
14:56:16	9.8407	7.6584	0.0571
14:56:26	10.0163	7.5489	0.0571
14:56:36	10.1228	7.4936	0.0476
14:56:46	10.1228	7.5448	0.0476
14:56:56	9.9782	7.6816	0.0553
14:57:06	9.7663	7.8215	0.0571
14:57:16	9.6384	7.8917	0.0517
14:57:26	9.608	7.8911	0.0571
14:57:36	9.6901	7.8316	0.0571
14:57:46	9.8847	7.6971	0.0517

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:57:56	10.0829	7.5894	0.063
14:58:06	10.224	7.5239	0.0571
14:58:16	10.2567	7.5489	0.0571
14:58:26	10.1728	7.6453	0.0785
14:58:36	10.0466	7.7233	0.0785
14:58:46	9.9782	7.7596	0.0857
14:58:56	9.9669	7.7495	0.0648
14:59:06	10.0216	7.7001	0.0743
14:59:16	10.1514	7.6043	0.0803
14:59:26	10.3138	7.4888	0.0708
14:59:36	10.4531	7.4073	0.0648
14:59:46	10.4971	7.4073	0.063
14:59:56	10.4203	7.4805	0.0553
15:00:06	10.2662	7.5936	0.0571
15:00:16	10.1097	7.6864	0.0648
15:00:26	10.0181	7.7328	0.0708
15:00:36	10.0026	7.7465	0.0726
15:00:46	10.0544	7.7316	0.0934
15:00:56	10.1115	7.7263	0.0993
15:01:06	10.1383	7.7441	0.1011
15:01:16	10.121	7.787	0.1166
15:01:26	10.0579	7.8542	0.1243
15:01:36	9.9687	7.9084	0.122
15:01:46	9.9228	7.9268	0.1261
15:01:56	9.9169	7.9197	0.1374
15:02:06	9.9359	7.9048	0.1374
15:02:16	9.9377	7.8977	0.1374
15:02:26	9.9722	7.8489	0.1452
15:02:36	10.0716	7.7602	0.1452
15:02:46	10.1954	7.6638	0.1505
15:02:56	10.293	7.5989	0.1452
15:03:06	10.3614	7.5537	0.141
15:03:16	10.371	7.5721	0.1452
15:03:26	10.3293	7.6162	0.1297
15:03:36	10.2067	7.7019	0.1261
15:03:46	10.0674	7.7864	0.1148
15:03:56	9.9931	7.7917	0.1148
15:04:06	10.0389	7.7263	0.1089
15:04:16	10.121	7.6644	0.1089
15:04:26	10.2049	7.5948	0.0976
15:04:36	10.2394	7.6031	0.0952
15:04:46	10.14	7.6971	0.0934
15:04:56	10.0181	7.7697	0.0934
15:05:06	9.8961	7.853	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:05:16	9.7889	7.8893	0.0857
15:05:26	9.8181	7.8304	0.0993
15:05:36	9.9454	7.7304	0.0857
15:05:46	10.0698	7.659	0.0821
15:05:56	10.1347	7.6263	0.0898
15:06:06	10.146	7.6537	0.0857
15:06:16	10.0484	7.7334	0.0857
15:06:26	9.9591	7.7703	0.0993
15:06:36	9.9264	7.7656	0.1071
15:06:46	9.9609	7.7304	0.0934
15:06:56	10.0258	7.6763	0.0898
15:07:06	10.1365	7.5757	0.1053
15:07:16	10.2888	7.4763	0.1011
15:07:26	10.365	7.4454	0.1071
15:07:36	10.3388	7.4912	0.0976
15:07:46	10.2222	7.584	0.0934
15:07:56	10.1061	7.6644	0.0934
15:08:06	9.9835	7.7299	0.0934
15:08:16	9.9306	7.7388	0.0857
15:08:26	9.9722	7.6828	0.0857
15:08:36	10.0942	7.584	0.0785
15:08:46	10.2376	7.4995	0.0785
15:08:56	10.2739	7.5049	0.0648
15:09:06	10.2186	7.5561	0.0803
15:09:16	10.1002	7.6323	0.0785
15:09:26	9.9764	7.706	0.0785
15:09:36	9.877	7.7453	0.0613
15:09:46	9.8806	7.706	0.044
15:09:56	9.974	7.6251	0.0404
15:10:06	10.0847	7.5466	0.0595
15:10:16	10.2091	7.4644	0.063
15:10:26	10.2317	7.4805	0.0613
15:10:36	10.1609	7.5656	0.0648
15:10:46	10.0067	7.6787	0.063
15:10:56	9.8562	7.7667	0.0708
15:11:06	9.7836	7.781	0.0708
15:11:16	9.8139	7.7406	0.0708
15:11:26	9.9169	7.6727	0.0648
15:11:36	10.0389	7.5989	0.0476
15:11:46	10.1347	7.5501	0.063
15:11:56	10.1877	7.5341	0.0708
15:12:06	10.1633	7.5811	0.0648
15:12:16	10.0847	7.6198	0.0571
15:12:26	10.0544	7.643	0.0404

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:12:36	10.043	7.6269	0.0571
15:12:46	10.1323	7.5519	0.0648
15:12:56	10.2376	7.4864	0.0404
15:13:06	10.3043	7.4543	0.0571
15:13:16	10.3138	7.4656	0.038
15:13:26	10.2353	7.5358	0.0476
15:13:36	10.0526	7.6816	0.0666
15:13:46	9.9074	7.7572	0.0476
15:13:56	9.8348	7.7947	0.0458
15:14:06	9.8615	7.7584	0.0571
15:14:16	9.9609	7.6793	0.0476
15:14:26	10.1002	7.587	0.0267
15:14:36	10.2109	7.5216	0.0327
15:14:46	10.2335	7.5269	0.038
15:14:56	10.1728	7.5948	0.0249
15:15:06	10.0317	7.687	0.0095
15:15:16	9.9437	7.7209	0.0249
15:15:26	9.8996	7.7251	0.0095
15:15:36	9.9609	7.6626	0.0041
15:15:46	10.1115	7.5507	0.0041
15:15:56	10.262	7.4615	0.0041
15:16:06	10.371	7.3942	-0.0036
15:16:16	10.4227	7.3716	-0.0036
15:16:26	10.3805	7.4222	-0.0096
15:16:36	10.3025	7.4864	-0.0131
15:16:46	10.2067	7.5412	0.0059
15:16:56	10.1555	7.5591	-0.0131
15:17:06	10.1764	7.5299	-0.0131
15:17:16	10.243	7.4924	-0.0149
15:17:26	10.2906	7.4668	-0.0131
15:17:36	10.2966	7.468	-0.0036
15:17:46	10.2567	7.4936	-0.0054
15:17:56	10.2353	7.5025	0.0095
15:18:06	10.2525	7.4692	0.0172
15:18:16	10.3043	7.4299	0.019
15:18:26	10.3501	7.4061	0.0249
15:18:36	10.2983	7.4734	0.0327
15:18:46	10.2127	7.5239	0.044
15:18:56	10.14	7.565	0.0476
15:19:06	10.096	7.587	0.0476
15:19:16	10.0698	7.6138	0.0476
15:19:26	10.0258	7.662	0.0553
15:19:36	9.9645	7.7239	0.0648
15:19:46	9.8901	7.7816	0.0648

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:19:56	9.833	7.8001	0.0517
15:20:06	9.8294	7.7781	0.0476
15:20:16	9.9151	7.6965	0.0595
15:20:26	10.0294	7.6221	0.0648
15:20:36	10.1115	7.5811	0.0595
15:20:46	10.14	7.5805	0.0648
15:20:56	10.0907	7.6328	0.0613
15:21:06	10.0371	7.6697	0.0595
15:21:16	9.9574	7.7191	0.0571
15:21:26	9.9228	7.7233	0.0571
15:21:36	9.9496	7.6912	0.0761
15:21:46	10.0793	7.5936	0.0648
15:21:56	10.2162	7.5061	0.063
15:22:06	10.2835	7.4864	0.069
15:22:16	10.2603	7.5061	0.0726
15:22:26	10.1633	7.5882	0.063
15:22:36	10.0716	7.637	0.0595
15:22:46	9.974	7.7037	0.0648
15:22:56	9.9437	7.7132	0.044
15:23:06	9.9931	7.6519	0.0422
15:23:16	10.1305	7.5537	0.0476
15:23:26	10.268	7.4734	0.0476
15:23:36	10.346	7.4353	0.0422
15:23:46	10.3674	7.449	0.0458
15:23:56	10.2739	7.5329	0.0404
15:24:06	10.1936	7.5811	0.0208
15:24:16	10.121	7.6245	0.0327
15:24:26	10.1478	7.5763	0.044
15:24:36	10.2257	7.5156	0.0327
15:24:46	10.3347	7.4299	0.0345
15:24:56	10.4876	7.3103	0.0327
15:25:06	10.6286	7.2222	0.0327
15:25:16	10.6572	7.2597	0.0363
15:25:26	10.5596	7.3406	0.0327
15:25:36	10.434	7.4353	0.0404
15:25:46	10.3329	7.4757	0.0553
15:25:56	10.3293	7.4638	0.0363
15:26:06	10.371	7.4234	0.0267
15:26:16	10.4739	7.3418	0.0267
15:26:26	10.5977	7.2538	0.0267
15:26:36	10.6762	7.2133	0.0327
15:26:46	10.6971	7.224	0.0267
15:26:56	10.6191	7.3103	0.0172
15:27:06	10.5162	7.3764	0.0059



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:27:16	10.4757	7.3799	-0.0131
15:27:26	10.531	7.3276	-0.0131
15:27:36	10.6382	7.2383	-0.0149
15:27:46	10.7965	7.1228	-0.0191
15:27:56	10.9167	7.0538	-0.0131
15:28:06	10.9548	7.0437	-0.0173
15:28:16	10.922	7.0853	-0.0173
15:28:26	10.8381	7.1568	-0.0036
15:28:36	10.7239	7.2454	-0.0209
15:28:46	10.6364	7.3026	-0.0054
15:28:56	10.6269	7.3026	-0.0173
15:29:06	10.684	7.2478	-0.0268
15:29:16	10.7756	7.1913	-0.0417
15:29:26	10.8441	7.1484	-0.034
15:29:36	10.831	7.1883	-0.0268
15:29:46	10.7203	7.2758	-0.0268
15:29:56	10.6191	7.3365	-0.0363
15:30:06	10.5786	7.3424	-0.0417
15:30:16	10.5977	7.3162	-0.0417
15:30:26	10.6495	7.2752	-0.0381
15:30:36	10.7179	7.2151	-0.0363
15:30:46	10.8423	7.1216	-0.0494
15:30:56	10.9506	7.0502	-0.0244
15:31:06	11.0595	6.9723	-0.0036
15:31:16	11.1452	6.9205	-0.0036
15:31:26	11.2029	6.8812	-0.0096
15:31:36	11.2315	6.8562	-4.6E-05
15:31:46	11.2351	6.858	-0.0114
15:31:56	11.1761	6.908	-0.0054
15:32:06	11.0541	6.9907	-0.0036
15:32:16	10.8881	7.102	-0.0036
15:32:26	10.7429	7.1407	-4.6E-05
15:32:36	10.7161	7.1383	0.0136
15:32:46	10.7108	7.1294	0.0172
15:32:56	10.678	7.1746	0.0172
15:33:06	10.5638	7.2823	0.0041
15:33:16	10.3769	7.4133	0.0113
15:33:26	10.19	7.5233	-0.0149
15:33:36	10.0526	7.5811	-0.0096
15:33:46	10.0121	7.5829	0.0041
15:33:56	10.0889	7.4995	-0.0131
15:34:06	10.2281	7.4061	-0.0209
15:34:16	10.3614	7.3287	-0.0268
15:34:26	10.4322	7.3204	-0.0078

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:34:36	10.3596	7.4073	-0.0131
15:34:46	10.1972	7.5186	-0.0131
15:34:56	10.0508	7.5918	-0.0131
15:35:06	9.9591	7.6394	-0.0209
15:35:16	9.9187	7.6382	-0.0191
15:35:26	10.0317	7.5299	-0.0268
15:35:36	10.2757	7.3418	-0.0268
15:35:46	10.6019	7.1556	-0.0268
15:35:56	10.7697	7.1086	-0.0244
15:36:06	10.8	7.133	-0.0209
15:36:16	10.7256	7.2186	-0.0191
15:36:26	10.5769	7.3133	-0.0209
15:36:36	10.4686	7.365	-0.0131
15:36:46	10.4626	7.3222	-0.0036
15:36:56	10.5786	7.2222	-0.0054
15:37:06	10.7602	7.0931	-0.0131
15:37:16	10.928	7.0098	-0.0131
15:37:26	10.9911	7.0068	-0.0131
15:37:36	10.9583	7.0675	-0.0131
15:37:46	10.8232	7.1788	-0.0131
15:37:56	10.6417	7.3032	-0.0054
15:38:06	10.4912	7.3758	-0.0096
15:38:16	10.415	7.4019	-0.0036
15:38:26	10.4781	7.3186	0.0017
15:38:36	10.6512	7.1978	0.0041
15:38:46	10.8441	7.0776	-0.0036
15:38:56	10.9833	7.0187	-4.6E-05
15:39:06	10.9851	7.0592	-0.0036
15:39:16	10.8822	7.1472	-0.0036
15:39:26	10.7393	7.2347	-0.0096
15:39:36	10.6382	7.2698	-0.0036
15:39:46	10.6477	7.2347	-0.0096
15:39:56	10.7506	7.1365	-0.0131
<b>End Run 3B</b>	<b>10.19528</b>	<b>7.471508</b>	<b>0.073101</b>
15:40:06	10.9125	7.011	-0.0036
15:40:16	11.069	6.9128	-0.0054
15:40:26	11.1261	6.9265	-0.0209
15:40:36	11.0006	7.0502	-0.0131
15:40:46	10.7465	7.2353	-0.0131
15:40:56	10.4686	7.4025	-0.0036
15:41:06	10.2567	7.5132	-0.0036
15:41:16	10.1252	7.5835	-4.6E-05
15:41:26	10.0657	7.6007	-0.0096

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
15:41:36	10.0984	7.5638	-0.0209
15:41:46	10.14	7.5501	-0.0209
15:41:56	10.1537	7.5549	1.3312
15:42:06	10.1573	7.396	0.3356
15:42:16	6.6628	0.632	-0.0209
15:42:26	0.6831	0.3564	-0.0209
15:42:36	0.2136	0.2826	-0.0209
15:42:46	0.1106	0.2368	-0.0268
15:42:56	0.0648	0.21	-0.0131
15:43:06	0.0363	0.1916	-0.0131
15:43:16	0.0154	0.1779	-0.0131
15:43:26	-4.6E-05	0.1517	-0.0131
15:43:36	-0.0096	0.1446	-0.0131
15:43:46	-0.0209	0.1374	-0.0209
<b>Zero Bias</b>	<b>-0.01018</b>	<b>0.144567</b>	<b>-0.0157</b>
15:43:56	-0.0268	0.1344	0.1868
15:44:06	0.4159	1.5978	0.2291
15:44:16	7.2067	4.2276	-0.0917
15:44:26	8.8772	9.5247	-0.0685
15:44:36	9.7032	9.7372	-0.0649
15:44:46	9.8062	9.8115	-0.0649
15:44:56	9.8389	9.8413	-0.0572
15:45:06	9.8633	9.8663	-0.0381
15:45:16	9.877	9.8824	-0.0459
15:45:26	9.8865	9.8966	-0.0477
15:45:36	9.8943	9.8937	-0.0494
15:45:46	9.8996	9.8984	-0.0417
<b>O2/CO2 Bias</b>	<b>9.893467</b>	<b>9.896233</b>	<b>-0.04627</b>
15:45:56	9.9038	9.9008	0.3969
15:46:06	9.8693	9.4521	3.8033
15:46:16	9.4723	8.2952	11.9599
15:46:26	17.85	0.7224	12.3646
15:46:36	19.7519	0.4177	12.4711
15:46:46	20.0283	0.3076	12.4937
15:46:56	20.1124	0.2511	12.4866
15:47:06	20.1562	0.2154	12.4842
15:47:16	20.1849	0.1886	12.4866
15:47:26	20.2035	0.1725	12.4979
15:47:36	20.2191	0.16	12.5247
<b>THC Mid Bias</b>	<b>20.2025</b>	<b>0.1737</b>	<b>12.50307</b>
15:47:46	20.2322	0.1499	12.5092

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:47:56	20.2322	0.1499	12.5092

**Veolia Unit 2**

Uncorrected Concentrations									
11-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 4B	945-1255	9.99	7.63				0.12	45.42	0.23

Corrected O <sub>2</sub> Conc.					
11-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	945-1255	9.99	-0.01	1.02	10.18

Corrected CO <sub>2</sub> Conc.					
11-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	945-1255	7.63	0.08	1.02	7.69

**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/11/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span)
						2.0% Limit
zero gas	EEP443	0.00	07:12	-0.03	0.03	0.1%
span gas	CC189665	22.50	07:13	22.46	0.04	0.2%
mid-range	CC43355	10.10	07:16	10.05	0.05	0.2%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	-0.03	07:20	0.05	0.3%	13:06	-0.08	-0.2%	-0.6%	C <sub>O</sub> = -0.014 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.018
	10.10	10.05	07:22	9.94	-0.5%	13:08	9.89	-0.7%	-0.2%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/11/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 19.20  
**Analyzer Range:** 20  
**Units:** %  
**Technician(s):** kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	0.06	0.06	0.3%
span gas	CC189665	19.20	07:13	18.99	0.21	1.1%
mid-range	CC43355	10.00	07:16	10.03	0.03	0.2%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	0.06	07:20	0.07	0.1%	13:06	0.09	0.2%	0.1%	$C_0 = 0.084$ $C_{MA}/(C_M - C_0) = 1.020$
	10.00	10.03	07:22	9.89	-0.7%	13:08	9.89	-0.7%	0.0%	

**Veolia Unit 2  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/11/2013  
**Instrument Make/Model:** TECO 51i  
**ID Number:** 907634808  
**Span Value:** 25.00  
**Analyzer Range:** 25  
**Units:** ppm  
**Technician(s):** kmm

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	EEP443	0.00	09:13	0.06	0.06	n/a
<b>Span</b>	AAL4460	21.10	09:15	21.00	0.10	0.5%
<b>Mid</b>	AL899	12.90	09:19	12.50	0.40	3.1%
<b>Low</b>	CC250309	7.58	09:17	7.63	0.05	0.7%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 4B	0.06	10:49	0.09	0.1
	12.50	10:52	12.38	-0.5
	0.06	11:54	0.07	0.1
	12.50	11:57	12.19	-1.3
	0.06	13:06	0.07	0.0
	12.50	13:10	12.39	-0.4



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:11:20	0.6546	0.0571	1.1539
7:11:30	0.0743	0.0571	1.1539
7:11:40	0.0113	0.0559	1.1634
7:11:51	-0.0078	0.0559	1.1563
7:12:00	-0.0209	0.0583	1.158
7:12:10	-0.0304	0.0541	1.1503
7:12:20	-0.0363	0.0541	1.1444
<b>N2 Zero</b>	<b>-0.0292</b>	<b>0.0555</b>	<b>1.1509</b>
7:12:30	-0.0304	0.0541	1.1467
7:12:40	1.8787	6.3581	1.1467
7:12:50	19.2408	18.205	1.139
7:13:01	22.0712	18.8661	1.1467
7:13:10	22.3894	18.9336	1.1467
7:13:20	22.4317	18.9623	1.139
7:13:30	22.4488	18.9784	1.1313
7:13:40	22.4564	18.987	1.1313
7:13:50	22.4639	18.9966	1.1277
<b>O2/CO2 Span</b>	<b>22.45637</b>	<b>18.98733</b>	<b>1.1301</b>
7:14:00	22.47	19.0051	1.1063
7:14:11	22.4508	18.9532	1.114
7:14:20	22.4619	18.851	1.1313
7:14:30	13.2019	10.0067	1.1313
7:14:40	10.3995	10.0561	1.1467
7:14:50	10.121	10.0502	1.1467
7:15:00	10.0811	10.0419	1.1539
7:15:10	10.0674	10.0389	1.1485
7:15:21	10.0621	10.0359	1.1467
7:15:30	10.0579	10.0365	1.1676
7:15:40	10.0544	10.0341	1.1693
7:15:50	10.0526	10.0323	1.1676
7:16:01	10.0484	10.0317	1.1539
7:16:10	10.0508	10.0311	1.1539
<b>O2/CO2 Mid</b>	<b>10.0506</b>	<b>10.0317</b>	<b>1.158467</b>
7:16:20	10.0466	10.0311	1.1539
7:16:31	10.043	10.024	1.1539
7:16:40	10.0294	9.999	1.1563
7:16:50	11.9807	2.3887	1.1693
7:17:00	19.7861	0.2374	1.1676
7:17:11	20.694	0.1934	1.1676
7:17:20	20.7529	0.1761	1.1753
7:17:30	20.7494	0.1654	1.1807

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:17:40	20.7474	0.1571	1.1693
7:17:50	20.7474	0.1517	1.1753
7:18:00	20.7474	0.1487	1.1729
7:18:10	20.7474	0.1458	1.1729
7:18:21	20.7474	0.1428	4.2788
7:18:30	19.6431	0.6909	0.479
7:18:40	8.8623	0.1273	0.2231
7:18:50	6.2605	0.1041	0.0666
7:19:00	1.1824	0.0892	0.0553
7:19:10	0.3874	0.0862	0.0535
7:19:20	0.2309	0.088	0.0327
7:19:31	0.1529	0.0773	0.0404
7:19:40	0.1124	0.0761	0.0232
7:19:50	0.0839	0.0755	0.019
7:20:00	0.063	0.0743	0.0095
7:20:10	0.0476	0.0732	0.0172
7:20:20	0.0345	0.072	0.0172
<b>Zero Bias</b>	<b>0.048367</b>	<b>0.073167</b>	<b>0.014633</b>
7:20:30	0.0208	0.072	0.0208
7:20:41	0.0113	0.072	1.0491
7:20:50	12.5723	0.1154	0.2386
7:21:00	13.1674	2.4845	-0.0477
7:21:10	9.877	9.4444	-0.0363
7:21:21	9.9115	9.6711	-0.0435
7:21:30	9.9187	9.7562	-0.0417
7:21:40	9.9246	9.8104	-0.0417
7:21:51	9.9282	9.8342	-0.0322
7:22:00	9.9341	9.858	-0.0512
7:22:10	9.9359	9.8717	-0.0572
7:22:20	9.9377	9.8877	-0.0649
7:22:31	9.9401	9.8931	-0.0649
7:22:40	9.9401	9.899	0.044
<b>O2/CO2 Bias</b>	<b>9.9393</b>	<b>9.893267</b>	<b>-0.0286</b>
7:22:50	9.9472	9.8764	1.1485
7:23:00	17.2875	0.9515	1.242
7:23:10	20.0414	0.4874	1.242
7:23:20	20.4402	0.36	1.2283
7:23:30	20.5449	0.288	1.2187
9:11:40	20.7892	0.1005	1.1467
9:11:50	20.7912	0.1005	4.7727
9:12:01	19.7937	0.097	0.1832

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
9:12:10	3.7384	0.0535	0.0898
9:12:20	0.8051	0.0517	0.0708
9:12:30	0.3987	0.0589	0.0535
9:12:40	0.2689	0.0702	0.0571
9:12:50	0.1946	0.069	0.063
9:13:00	0.1505	0.0678	0.0648
9:13:11	0.1148	0.0678	0.0499
9:13:20	0.0916	0.069	0.0553
9:13:30	0.0708	0.0672	0.0553
9:13:40	0.0553	0.0678	0.0571
<b>Zero Bias</b>	<b>0.072567</b>	<b>0.068</b>	<b>0.0559</b>
9:13:51	0.0404	0.0678	0.4998
9:14:00	2.2013	0.0857	8.6904
9:14:10	13.118	0.0851	20.5832
9:14:21	18.3651	0.0672	20.9075
9:14:30	19.9729	0.0666	20.9745
9:14:40	20.2363	0.0648	20.9936
9:14:50	20.3239	0.0642	20.9875
9:15:01	20.3697	0.0702	20.9936
9:15:10	20.4019	0.0755	20.9991
9:15:20	20.4251	0.0755	21.0203
<b>THC Span Bias</b>	<b>20.3989</b>	<b>0.073733</b>	<b>21.00433</b>
9:15:30	20.4442	0.0755	21.0163
9:15:40	20.4538	0.0749	20.8959
9:15:50	20.4649	0.0743	2.4643
9:16:00	20.6099	0.122	10.2716
9:16:11	20.6079	0.0857	7.6721
9:16:20	20.4709	0.0755	7.6394
9:16:30	20.4593	0.0743	7.6453
9:16:40	20.4613	0.0726	7.6376
9:16:50	20.4613	0.0726	7.6299
9:17:00	20.4649	0.0732	7.6299
9:17:10	20.4669	0.0732	7.6317
9:17:21	20.4689	0.0749	7.6376
9:17:30	20.4709	0.0607	7.634
9:17:40	20.4729	0.0613	7.6299
<b>THC Low Bias</b>	<b>20.4709</b>	<b>0.065633</b>	<b>7.633833</b>
9:17:50	20.4765	0.0595	7.6299
9:18:00	20.4785	0.0583	7.399
9:18:10	20.4805	0.0595	2.6113
9:18:20	20.6537	0.1112	12.1122

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:18:31	20.4649	0.0636	12.4693
9:18:40	20.3622	0.0607	12.4866
9:18:50	20.3526	0.0613	12.4919
9:19:00	20.3506	0.0613	12.4937
9:19:11	20.3506	0.0613	12.4866
9:19:20	20.3526	0.0607	12.5032
9:19:30	20.3526	0.0607	12.5169
<b>THC Mid Bias</b>	<b>20.35193</b>	<b>0.0609</b>	<b>12.50223</b>
9:19:41	20.3526	0.0589	12.5324
9:19:50	20.3546	0.0595	12.5378
9:20:00	20.3546	0.0583	5.3982
9:20:10	20.406	0.0815	1.3866
9:20:21	20.7071	0.1124	1.2896
9:20:30	20.7569	0.1106	1.2455
9:20:40	20.7665	0.1095	1.2039
9:20:50	20.7665	0.116	1.1598
9:21:00	20.77	0.113	1.1539
9:21:10	20.774	0.1112	1.1467
9:21:20	20.774	0.1112	1.1467
9:21:31	20.774	0.1106	1.1426
9:21:40	20.7761	0.1106	1.1616
9:21:50	20.7781	0.1106	1.1503
9:22:00	20.7761	0.113	1.1277
9:22:10	20.7781	0.1148	1.139
9:22:20	20.7761	0.1202	1.1313
9:22:30	20.7796	0.1148	1.1313
9:22:41	20.7816	0.1136	1.1295
9:22:50	20.7816	0.113	1.1313
9:23:00	20.7816	0.1154	1.1176
9:23:10	20.7836	0.1136	1.1158
9:23:20	20.7836	0.1136	1.1176
9:23:30	20.7836	0.1136	1.1313
9:23:40	20.7836	0.1136	1.1313
9:23:51	20.7796	0.1154	1.1253
9:24:00	20.7816	0.1154	1.1176
9:24:10	20.7836	0.1136	1.114
9:24:20	20.7836	0.1136	1.1176
9:24:30	20.7856	0.1083	1.1253
9:24:40	20.7856	0.1083	1.1277
9:24:50	20.7856	0.1095	1.1235
9:25:01	20.7836	0.1112	1.1313
9:25:10	20.7836	0.1154	1.1563
9:25:20	20.7836	0.11	1.1444

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:25:30	20.7856	0.1106	1.139
9:25:41	20.7836	0.11	1.1426
9:25:50	20.7876	0.1106	1.1467
9:26:00	20.7856	0.1106	1.1539
9:26:11	20.7856	0.11	1.1521
9:26:20	20.7876	0.1112	1.1485
9:26:30	20.7836	0.1148	1.1467
9:26:40	20.7856	0.1112	1.1467
9:26:51	20.7876	0.1202	1.1485
9:27:00	20.7876	0.1184	1.1503
9:27:10	20.7856	0.1184	1.1539
9:27:20	20.7856	0.1166	1.1426
9:27:30	20.7836	0.1202	1.1372
9:27:40	20.7856	0.1166	1.1277
9:27:50	20.7876	0.116	1.1253
9:28:01	20.7876	0.1148	1.1348
9:28:10	20.7856	0.1178	1.139
9:28:20	20.7856	0.1202	1.139
9:28:30	20.7856	0.1148	1.139
9:28:40	20.7856	0.1148	1.1313
9:28:50	20.7876	0.1148	1.1313
9:29:00	20.7816	0.1184	1.1485
9:29:11	20.7856	0.1136	1.133
9:29:20	20.7856	0.113	1.1104
9:29:30	20.7876	0.113	1.1158
9:29:40	20.7876	0.1112	1.1467
9:29:50	20.7876	0.113	1.133
9:30:00	20.7876	0.1148	1.1158
9:30:10	20.7856	0.1166	1.1176
9:30:21	20.7796	0.1208	1.1104
9:30:30	20.7816	0.1208	1.1158
9:30:40	20.7781	0.1249	1.1217
9:30:50	20.7796	0.1339	1.12
9:31:01	20.7836	0.1184	1.1158
9:31:10	20.7796	0.1243	0.6409
9:31:20	17.0222	6.0618	0.9789
9:31:31	10.562	7.6989	2.4548
9:31:40	9.6366	7.7667	4.1413
9:31:50	9.5051	7.7751	3.9943
9:32:00	9.4229	7.8858	3.3534
9:32:11	9.1998	8.0512	2.7488
9:32:20	9.0189	8.1399	2.3709
9:32:30	8.8891	8.2077	2.1114
9:32:40	8.8183	8.2381	1.8882

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:32:50	8.8219	8.2161	1.7323
9:33:00	8.8623	8.1643	1.5931
9:33:10	8.9671	8.081	1.4937
9:33:21	9.095	8.0238	1.4116
9:33:30	9.1444	8.0304	1.3259
9:33:40	9.1218	8.0768	1.242
9:33:50	9.0813	8.0982	1.1634
9:34:00	9.1081	8.0661	1.1063
9:34:10	9.2325	7.9352	1.0473
9:34:20	9.4723	7.7644	1.0075
9:34:31	9.7437	7.5846	0.9575
9:34:40	9.9574	7.4674	0.9254
9:34:50	10.0294	7.4591	0.8944
9:35:00	10.024	7.4615	0.851
9:35:10	9.9591	7.4906	0.8242
9:35:20	9.9115	7.4888	0.8087
9:35:30	9.9687	7.4055	0.7819
9:35:41	10.121	7.2544	0.7534
9:35:50	10.2811	7.1681	0.7308
9:36:00	10.3097	7.1728	0.7248
9:36:10	10.2317	7.2502	0.7099
9:36:21	10.0942	7.3484	0.7171
9:36:30	9.9722	7.4269	0.7135
9:36:40	9.8996	7.4656	0.7266
9:36:51	9.8925	7.4573	0.7099
9:37:00	9.9627	7.4031	0.6867
9:37:10	10.0448	7.3406	0.7022
9:37:20	10.1668	7.2561	0.6909
9:37:31	10.262	7.2377	0.6564
9:37:40	10.2853	7.2585	0.6373
9:37:50	10.2376	7.3186	0.6105
9:38:00	10.1781	7.3567	0.5969
9:38:10	10.1704	7.3502	0.582
9:38:20	10.2567	7.2609	0.5683
9:38:30	10.4073	7.1395	0.5475
9:38:41	10.5941	7.0133	0.532
9:38:50	10.7274	6.9633	0.532
9:39:00	10.7108	7.0211	0.5397
9:39:10	10.5977	7.1205	0.5379
9:39:20	10.4263	7.2288	0.5248
9:39:30	10.2757	7.3043	0.5248
9:39:40	10.2335	7.2651	0.5171
9:39:51	10.3406	7.1621	0.4963
9:40:00	10.4686	7.0693	0.4903

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:40:10	10.5525	7.0514	0.4731
9:40:20	10.4876	7.1484	0.4653
9:40:30	10.3596	7.2323	0.479
9:40:40	10.2698	7.3514	0.4731
9:40:50	10.1037	6.9015	0.46
9:41:01	9.9835	7.4656	0.4505
9:41:10	10.0181	7.4019	0.4522
9:41:20	10.1442	7.3073	0.4445
9:41:30	10.2739	7.2484	0.4445
9:41:41	10.2811	7.302	0.4368
9:41:50	10.1704	7.424	0.429
9:42:00	9.999	7.5549	0.4386
9:42:11	9.8806	7.6198	0.4386
9:42:20	9.8633	7.5811	0.4368
9:42:30	10.0181	7.4626	0.4314
9:42:40	10.1972	7.3371	0.4142
9:42:51	10.3329	7.2591	0.4368
9:43:00	10.3769	7.2532	0.4219
9:43:10	10.3555	7.2799	0.4386
9:43:20	10.293	7.3097	0.4445
9:43:30	10.2257	7.327	0.4445
9:43:40	10.2162	7.321	0.4463
9:43:50	10.2162	7.3151	0.4481
9:44:01	10.224	7.3055	0.4368
9:44:10	10.224	7.3032	0.4505
9:44:20	10.2698	7.2621	0.4272
9:44:30	10.3138	7.2401	0.4159
9:44:40	10.3769	7.1919	0.4046
9:44:50	10.3995	7.1883	0.4046

**Start Run 4B**

9:45:00	10.4013	7.1859	0.4005
9:45:11	10.3823	7.205	0.3874
9:45:20	10.3388	7.224	0.3778
9:45:30	10.3097	7.2317	0.3475
9:45:40	10.3483	7.1728	0.3433
9:45:50	10.3882	7.1484	0.3302
9:46:00	10.4394	7.108	0.3433
9:46:10	10.4721	7.0836	0.3475
9:46:21	10.512	7.0508	0.3189
9:46:30	10.5429	7.0235	0.3189
9:46:40	10.5786	6.9985	0.3088
9:46:50	10.5882	6.9907	0.3017
9:47:00	10.6019	6.9812	0.3189

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:47:10	10.6054	6.9622	0.2939
9:47:20	10.6149	6.9693	0.2862
9:47:31	10.6036	6.9794	0.2707
9:47:40	10.581	6.983	0.2826
9:47:50	10.6132	6.9407	0.2785
9:48:00	10.6685	6.8937	0.2785
9:48:11	10.7012	6.8848	0.2785
9:48:20	10.6971	6.9211	0.2731
9:48:30	10.634	7.0258	0.2749
9:48:41	10.4971	7.149	0.2707
9:48:50	10.3079	7.3073	0.2654
9:49:00	10.0865	7.4436	0.2576
9:49:10	9.9645	7.4722	0.2559
9:49:21	9.9859	7.4353	0.2636
9:49:30	10.0674	7.349	0.2517
9:49:40	10.1996	7.2663	0.2344
9:49:50	10.2644	7.2722	0.2404
9:50:00	10.1668	7.3835	0.2386
9:50:10	9.9954	7.4966	0.2326
9:50:20	9.8121	7.5977	0.2326
9:50:31	9.6937	7.6424	0.2196
9:50:40	9.711	7.5811	0.2196
9:50:50	9.8693	7.4513	0.2136
9:51:00	10.024	7.3561	0.2196
9:51:10	10.1704	7.2805	0.2178
9:51:20	10.2472	7.2609	0.2196
9:51:30	10.2567	7.2966	0.2231
9:51:41	10.1686	7.4079	0.2273
9:51:50	10.005	7.5061	0.2404
9:52:00	9.9264	7.5293	0.2636
9:52:10	9.9954	7.4531	0.2636
9:52:20	10.1496	7.3436	0.2689
9:52:30	10.3061	7.2371	0.2898
9:52:40	10.4453	7.1526	0.2862
9:52:51	10.493	7.1937	0.2844
9:53:00	10.3977	7.2907	0.2862
9:53:10	10.2793	7.3734	0.2957
9:53:20	10.1746	7.4371	0.3052
9:53:31	10.1555	7.4293	0.3148
9:53:40	10.2144	7.3764	0.3148
9:53:50	10.3097	7.3067	0.307
9:54:01	10.4281	7.2234	0.2993
9:54:10	10.4912	7.2192	0.2922
9:54:20	10.4453	7.302	0.2922



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:54:30	10.3269	7.3775	0.288
9:54:41	10.2353	7.4478	0.2922
9:54:50	10.1918	7.4519	0.288
9:55:00	10.1936	7.4537	0.2862
9:55:10	10.2507	7.3936	0.288
9:55:20	10.3501	7.3079	0.2862
9:55:30	10.4971	7.1889	0.2922
9:55:40	10.678	7.0615	0.2785
9:55:51	10.7488	7.0967	0.2636
9:56:00	10.5905	7.2323	0.2636
9:56:10	10.3805	7.3716	0.2463
9:56:20	10.2299	7.4311	0.2404
9:56:30	10.1157	7.4906	0.2422
9:56:40	10.1555	7.4269	0.2481
9:56:50	10.2549	7.3674	0.2404
9:57:01	10.3138	7.3597	0.2422
9:57:10	10.2507	7.4573	0.2368
9:57:20	10.1115	7.5954	0.2249
9:57:30	9.8752	7.7858	0.2249
9:57:40	9.6366	7.9209	0.2559
9:57:50	10.1228	7.1609	0.2481
9:58:00	10.2204	7.4728	0.2559
9:58:11	9.8104	7.7334	0.2785
9:58:20	9.6901	7.859	0.2803
9:58:30	9.5795	7.9804	0.2672
9:58:40	9.5604	7.9649	0.2707
9:58:51	9.589	7.9328	0.2862
9:59:00	9.589	7.9435	0.2785
9:59:10	9.5586	7.9435	0.2707
9:59:21	9.5735	7.8941	0.2636
9:59:30	9.6693	7.8025	0.2576
9:59:40	9.7913	7.7168	0.2707
9:59:50	9.8901	7.4859	0.2368
10:00:01	9.974	7.4382	0.2326
10:00:10	10.1097	7.4656	0.2344
10:00:20	10.0181	7.6287	0.2326
10:00:30	9.9282	7.6935	0.2291
10:00:40	9.852	7.7304	0.2249
10:00:50	9.7889	7.759	0.2178
10:01:00	9.7455	7.7584	0.2309
10:01:11	9.7645	7.7197	0.2541
10:01:20	9.833	7.6626	0.2249
10:01:30	9.8978	7.6739	0.2023
10:01:40	9.8443	7.7531	0.2136

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:01:50	9.705	7.8697	0.2196
10:02:00	9.5949	7.8864	0.2291
10:02:10	9.7074	7.59	0.2273
10:02:21	9.6538	7.7519	0.2196
10:02:30	9.5318	7.8834	0.2326
10:02:40	9.5586	7.8709	0.2326
10:02:50	9.711	7.7489	0.2273
10:03:00	9.9074	7.6346	0.2118
10:03:10	10.0353	7.5811	0.2041
10:03:20	10.0716	7.5775	0.2178
10:03:31	10.0353	7.6061	0.2041
10:03:40	9.9722	7.6269	0.185
10:03:50	10.0145	7.54	0.185
10:04:00	10.1936	7.3716	0.1737
10:04:11	10.4245	7.2157	0.1719
10:04:20	10.6072	7.1074	0.1719
10:04:30	10.7161	7.0502	0.1815
10:04:41	10.7524	7.0598	0.1797
10:04:50	10.6667	7.1627	0.16
10:05:00	10.493	7.2728	0.1565
10:05:10	10.3424	7.3502	0.1374
10:05:21	10.2811	7.3627	0.1529
10:05:30	10.3364	7.2936	0.1565
10:05:40	10.4852	7.1645	0.1529
10:05:50	10.6762	7.0407	0.1487
10:06:00	10.8363	6.9598	0.1315
10:06:10	10.8667	7.002	0.1719
10:06:20	10.7411	7.1216	0.1565
10:06:31	10.5691	7.2407	0.1737
10:06:40	10.4245	7.3216	0.1737
10:06:50	10.3727	7.3204	0.185
10:07:00	10.4739	7.2163	0.1892
10:07:10	10.6721	7.0782	0.1892
10:07:20	10.8518	6.983	0.1963
10:07:30	10.9756	6.9532	0.1892
10:07:41	11.0024	6.9639	0.1868
10:07:50	10.9601	7.0175	0.1832
10:08:00	10.8994	7.0407	0.1678
10:08:10	10.8762	7.0348	0.1678
10:08:20	10.8536	7.0246	0.16
10:08:30	10.9089	6.9485	0.185
10:08:40	11.0083	6.8503	0.1737
10:08:51	11.1261	6.7687	0.1583
10:09:00	11.1642	6.7753	0.1529

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:09:10	11.0922	6.855	0.1529
10:09:20	10.9601	6.9455	0.1529
10:09:30	10.8	7.0479	0.1678
10:09:40	10.678	7.0984	0.1678
10:09:50	10.6322	7.0907	0.1678
10:10:01	10.6917	7.0282	0.166
10:10:10	10.7851	6.9526	0.1719
10:10:20	10.8935	6.8854	0.1678
10:10:30	10.9452	6.8854	0.1696
10:10:41	10.9167	6.9354	0.1529
10:10:50	10.8286	7.0151	0.1452
10:11:00	10.6798	7.1187	0.16
10:11:11	10.5501	7.1889	0.1624
10:11:20	10.4852	7.2026	0.1719
10:11:30	10.5138	7.1532	0.1737
10:11:40	10.6173	7.0532	0.1642
10:11:51	10.7429	6.9842	0.1374
10:12:00	10.7869	6.9967	0.1547
10:12:10	10.7619	7.0336	0.1487
10:12:20	10.703	7.0919	0.1392
10:12:30	10.634	7.1312	0.1529
10:12:40	10.6036	7.127	0.1469
10:12:50	10.6399	7.0824	0.1642
10:13:01	10.7143	7.0068	0.1624
10:13:10	10.831	6.9205	0.1529
10:13:20	10.9167	6.8812	0.16
10:13:30	10.903	6.9479	0.1678
10:13:40	10.7828	7.0532	0.1469
10:13:50	10.6477	7.149	0.1529
10:14:00	10.5328	7.2294	0.1374
10:14:11	10.4686	7.249	0.1452
10:14:20	10.4799	7.2163	0.1374
10:14:30	10.5596	7.1383	0.1339
10:14:40	10.6608	7.0705	0.1297
10:14:50	10.7429	7.0592	0.1243
10:15:00	10.7203	7.1032	0.1166
10:15:10	10.6703	7.1478	0.1148
10:15:21	10.5769	7.2175	0.1089
10:15:30	10.4834	7.2674	0.0934
10:15:40	10.4947	7.1913	0.1011
10:15:50	10.6054	7.1216	0.1053
10:16:01	10.6798	7.0615	0.1089
10:16:10	10.7774	6.9996	0.1124
10:16:20	10.831	7.0127	0.1243

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:16:31	10.8113	7.058	0.1374
10:16:40	10.7542	7.1157	0.1339
10:16:50	10.7108	7.1365	0.1279
10:17:00	10.6667	7.1806	0.1261
10:17:11	10.6019	7.224	0.1297
10:17:20	10.581	7.205	0.1315
10:17:30	10.653	7.13	0.122
10:17:40	10.7584	7.0461	0.1243
10:17:50	10.8595	7.0098	0.1243
10:18:00	10.8917	7.0312	0.1243
10:18:10	10.8518	7.0967	0.1374
10:18:21	10.7732	7.1675	0.1452
10:18:30	10.7221	7.1919	0.1469
10:18:40	10.7161	7.1835	0.1565
10:18:50	10.703	7.1966	0.1678
10:19:00	10.7488	7.1407	0.1696
10:19:10	10.8018	7.0949	0.1815
10:19:20	10.8839	7.0419	0.1832
10:19:31	10.9565	7.0205	0.185
10:19:40	10.9756	7.0437	0.1696
10:19:50	10.9869	7.0532	0.185
10:20:00	10.9393	7.1139	0.1797
10:20:10	10.8613	7.1591	0.1815
10:20:20	10.8078	7.1865	0.166
10:20:30	10.831	7.1377	0.1737
10:20:41	10.8994	7.0782	0.1737
10:20:50	10.947	7.0395	0.1487
10:21:00	10.9988	6.9758	0.1452
10:21:10	11.069	6.9395	0.141
10:21:21	11.1285	6.8997	0.1106
10:21:30	11.1547	6.9003	0.1166
10:21:40	11.1131	6.9485	0.1011
10:21:51	11.0178	7.0121	0.1011
10:22:00	10.9185	7.0734	0.0898
10:22:10	10.8345	7.1097	0.0708
10:22:20	10.8078	7.0919	0.0857
10:22:31	10.8762	7.0133	0.0857
10:22:40	10.9851	6.9175	0.0726
10:22:50	11.0863	6.8616	0.0761
10:23:00	11.1113	6.8854	0.0761
10:23:10	11.0613	6.9366	0.0916
10:23:20	10.9928	6.9866	0.1011
10:23:30	10.9506	6.9907	0.1089
10:23:41	10.9167	7.0098	0.1106

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:23:50	10.8595	7.049	0.1089
10:24:00	10.7965	7.0859	0.1089
10:24:10	10.7732	7.0782	0.1011
10:24:20	10.8155	7.0187	0.1011
10:24:30	10.9054	6.9461	0.1071
10:24:40	11.0101	6.8634	0.1089
10:24:51	11.1089	6.8211	0.1279
10:25:00	11.0958	6.8866	0.141
10:25:10	11.0291	6.9449	0.1529
10:25:20	10.9565	6.9996	0.1583
10:25:30	10.8976	7.0449	0.1678
10:25:40	10.8613	7.0723	0.1815
10:25:50	10.8191	7.0972	0.1815
10:26:01	10.8095	7.0907	0.1963
10:26:10	10.8476	7.0461	0.1892
10:26:20	10.8994	6.9991	0.1832
10:26:30	10.9601	6.9407	0.1815
10:26:41	10.9756	6.9622	0.1815
10:26:50	10.8786	7.0621	0.16
10:27:00	10.7125	7.1835	0.16
10:27:11	10.5406	7.2907	0.1678
10:27:20	10.4227	7.3478	0.1755
10:27:30	10.2811	7.4507	0.1737
10:27:40	10.1573	7.5007	0.1737
10:27:51	10.1252	7.4853	0.1678
10:28:00	10.2067	7.396	0.1678
10:28:10	10.3293	7.3311	0.1583
10:28:20	10.3864	7.3097	0.1547
10:28:30	10.4055	7.302	0.16
10:28:40	10.3995	7.3186	0.16
10:28:50	10.3674	7.3478	0.1642
10:29:01	10.3269	7.3805	0.1678
10:29:10	10.262	7.4257	0.1529
10:29:20	10.2049	7.44	0.1529
10:29:30	10.2353	7.3889	0.1452
10:29:40	10.3745	7.2716	0.1374
10:29:50	10.5066	7.1877	0.1374
10:30:00	10.6191	7.1294	0.1089
10:30:11	10.6495	7.1585	0.1011
10:30:20	10.6149	7.2109	0.0803
10:30:30	10.531	7.2788	0.0934
10:30:40	10.4376	7.3448	0.0743
10:30:50	10.3293	7.4156	0.0726
10:31:00	10.2472	7.4513	0.0857

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:31:10	10.2204	7.4377	0.0803
10:31:21	10.2966	7.3531	0.0952
10:31:30	10.3519	7.3133	0.0934
10:31:40	10.3942	7.2799	0.088
10:31:50	10.3977	7.3216	0.0857
10:32:00	10.3519	7.3609	0.088
10:32:10	10.3061	7.3996	0.0952
10:32:20	10.2204	7.4674	0.1029
10:32:31	10.14	7.5114	0.1124
10:32:40	10.0603	7.5698	0.1243
10:32:50	9.9877	7.6025	0.1243
10:33:00	9.98	7.5846	0.1243
10:33:11	10.0335	7.5287	0.1261
10:33:20	10.0924	7.4966	0.1374
10:33:30	10.1496	7.4763	0.1315
10:33:41	10.1764	7.4936	0.1452
10:33:50	10.146	7.5448	0.1452
10:34:00	10.0811	7.5948	0.1487
10:34:10	10.0181	7.634	0.141
10:34:21	9.9859	7.6346	0.141
10:34:30	10.0145	7.6025	0.1374
10:34:40	10.0561	7.5483	0.1452
10:34:50	10.146	7.4722	0.1452
10:35:00	10.2222	7.4127	0.1452
10:35:10	10.268	7.3918	0.1356
10:35:20	10.2644	7.4109	0.1297
10:35:31	10.2525	7.4061	0.1243
10:35:40	10.2948	7.3514	0.1243
10:35:50	10.287	7.3978	0.1148
10:36:00	10.19	7.4597	0.1053
10:36:10	10.1079	7.4894	0.1029
10:36:20	10.0734	7.4989	0.1011
10:36:30	10.0942	7.4609	0.1011
10:36:41	10.1537	7.4109	0.1011
10:36:50	10.2204	7.3781	0.1011
10:37:00	10.2376	7.3912	0.1011
10:37:10	10.1954	7.4543	0.1011
10:37:20	10.1115	7.521	0.0976
10:37:30	10.0181	7.5936	0.0952
10:37:40	9.9056	7.6697	0.1029
10:37:51	9.8502	7.6834	0.0857
10:38:00	9.8711	7.6412	0.0934
10:38:10	9.974	7.5644	0.0934
10:38:20	10.0734	7.5186	0.1089

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:38:31	10.1228	7.5049	0.1106
10:38:40	10.1496	7.5168	0.1089
10:38:50	10.1347	7.5483	0.1011
10:39:01	10.0984	7.5721	0.0934
10:39:10	10.0752	7.5894	0.0993
10:39:20	10.0752	7.5846	0.1053
10:39:30	10.096	7.562	0.1011
10:39:41	10.1514	7.515	0.1011
10:39:50	10.1972	7.4859	0.0952
10:40:00	10.2299	7.4561	0.0934
10:40:10	10.224	7.4841	0.0934
10:40:20	10.1746	7.543	0.0934
10:40:30	10.1079	7.5995	0.0952
10:40:40	10.0508	7.6305	0.0934
10:40:51	10.0026	7.6626	0.088
10:41:00	9.9514	7.6805	0.0857
10:41:10	9.9645	7.6436	0.0821
10:41:20	10.0008	7.6251	0.0993
10:41:30	10.0181	7.6084	0.1011
10:41:40	10.0579	7.5918	0.1148
10:41:50	10.0544	7.6287	0.1166
10:42:01	9.9972	7.684	0.0952
10:42:10	9.9187	7.7293	0.0839
10:42:20	9.883	7.7269	0.0726
10:42:30	9.8996	7.6709	0.0934
10:42:40	9.9764	7.6198	0.0857
10:42:50	10.0294	7.5763	0.0785
10:43:00	10.0984	7.5108	0.0857
10:43:11	10.1514	7.4888	0.0934
10:43:20	10.2013	7.4543	0.1106
10:43:30	10.2412	7.4507	0.1011
10:43:40	10.2144	7.4763	0.1011
10:43:51	10.1936	7.4775	0.1243
10:44:00	10.1823	7.487	0.1297
10:44:10	10.1805	7.4704	0.1166
10:44:21	10.1859	7.4615	0.1124
10:44:30	10.2472	7.396	0.1279
10:44:40	10.3156	7.3674	0.1243
10:44:50	10.3233	7.3948	0.1089
10:45:01	10.2716	7.4626	0.0821
10:45:10	10.2031	7.5103	0.0708
10:45:20	10.1115	7.5704	0.0571
10:45:30	10.0353	7.6144	0.0708
10:45:40	9.9972	7.6144	0.0785

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:45:50	10.0389	7.5573	0.0839
10:46:00	10.1514	7.468	0.0934
10:46:11	10.2853	7.4055	0.1011
10:46:20	10.3329	7.4103	0.1166
10:46:30	10.3233	7.4478	0.1011
10:46:40	10.2739	7.4841	0.1011
10:46:50	10.2376	7.5025	0.0934
10:47:00	10.2186	7.518	0.0934
10:47:10	10.1859	7.5519	0.0976
10:47:21	10.1383	7.5733	0.0934
10:47:30	10.1365	7.5513	0.0934
10:47:40	10.1573	7.5269	0.0857

**Start Calibration**

10:47:50	10.1746	7.5025	0.1053
10:48:00	10.2162	7.4918	3.3552
10:48:10	10.8042	5.4232	0.2445
10:48:20	4.5305	0.4945	0.122
10:48:31	0.5361	0.3142	0.0976
10:48:40	0.1642	0.2564	0.0857
10:48:50	0.0821	0.2207	0.0934
10:49:00	0.044	0.1987	0.0857
10:49:11	0.0154	0.1803	0.0857
10:49:20	0.0017	0.169	0.0857
10:49:30	-0.0131	0.1487	0.0934
10:49:41	-0.0268	0.1428	0.0934
10:49:50	-0.0322	0.1374	0.0857

**Zero Bias            -0.02403    0.142967    0.090833**

10:50:00	-0.0399	0.1344	0.1696
10:50:10	-0.0381	0.1374	0.8129
10:50:21	6.5349	6.8431	9.3771
10:50:30	13.5298	0.4082	11.5481
10:50:40	19.2292	0.2053	11.9539
10:50:50	19.9251	0.1594	12.1069
10:51:00	20.0721	0.1398	12.1985
10:51:10	20.1371	0.1285	12.2402
10:51:20	20.1768	0.1231	12.2634
10:51:31	20.2035	0.1166	12.292
10:51:40	20.2267	0.113	12.3068
10:51:50	20.2418	0.1053	12.3318
10:52:00	20.2534	0.1023	12.3527
10:52:10	20.263	0.0999	12.3795
10:52:20	20.2725	0.0993	12.3699



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:52:30	20.2801	0.0987	12.3908
10:52:41	20.2841	0.0964	12.389
<b>THC Mid Bias</b>	<b>20.2789</b>	<b>0.098133</b>	<b>12.38323</b>
10:52:50	20.2896	0.094	12.3664
10:53:00	20.2952	0.0934	12.3664
10:53:10	20.2952	0.0946	5.9421
10:53:20	19.9482	1.4538	0.9331
10:53:30	12.8145	6.88	0.6695
10:53:40	10.7274	7.2478	0.5421
10:53:51	10.3233	7.3692	0.479
10:54:00	10.2204	7.3871	0.4427
10:54:10	10.2507	7.3484	0.3951
10:54:20	10.312	7.3109	0.3701

**Resume Run 4B**

10:54:30	10.3483	7.3079	0.3511
10:54:40	10.3293	7.3478	0.3285
10:54:50	10.2603	7.3883	0.307
10:55:01	10.1918	7.4341	0.2803
10:55:10	10.1192	7.4597	0.2594
10:55:20	10.0579	7.4864	0.2559
10:55:30	10.0026	7.4989	0.2481
10:55:41	9.9669	7.4972	0.2422
10:55:50	9.902	7.5585	0.2326
10:56:00	9.7455	7.6763	0.2249
10:56:11	9.5777	7.8001	0.2178
10:56:20	9.4039	7.8983	0.2082
10:56:30	9.2837	7.956	0.2118
10:56:40	9.2075	7.9887	0.1987
10:56:51	9.1789	7.984	0.1892
10:57:00	9.2551	7.9108	0.1892
10:57:10	9.4265	7.7775	0.1815
10:57:20	9.6616	7.6412	0.1815
10:57:30	9.8467	7.5763	0.185
10:57:40	9.9282	7.5912	0.1565
10:57:50	9.8865	7.6596	0.166
10:58:01	9.7681	7.7513	0.16
10:58:10	9.6348	7.8221	0.1642
10:58:20	9.5545	7.8399	0.16
10:58:30	9.583	7.7888	0.1547
10:58:40	9.6711	7.7108	0.1529
10:58:50	9.8086	7.6132	0.1529
10:59:00	9.9496	7.5674	0.1452

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:59:11	9.921	7.643	0.1452
10:59:20	9.8199	7.7084	0.1547
10:59:30	9.6919	7.7971	0.1529
10:59:40	9.5967	7.8399	0.1529
10:59:50	9.5182	7.8804	0.1505
11:00:00	9.5182	7.8542	0.1529
11:00:10	9.5545	7.8197	0.1452
11:00:21	9.5812	7.8185	0.1374
11:00:30	9.564	7.8441	0.1452
11:00:40	9.5051	7.9054	0.1529
11:00:50	9.4116	7.9602	0.16
11:01:01	9.3027	8.0363	0.1719
11:01:10	9.2248	8.0822	0.1815
11:01:20	9.2492	8.0226	0.1963
11:01:31	9.3676	7.9465	0.1892
11:01:40	9.4592	7.8983	0.1678
11:01:50	9.5164	7.8739	0.1719
11:02:00	9.5527	7.8762	0.1737
11:02:11	9.5033	7.9411	0.1737
11:02:20	9.4152	8.0161	0.1892
11:02:30	9.295	8.0976	0.21
11:02:40	9.2206	8.1321	0.2041
11:02:50	9.2724	8.0613	0.1987
11:03:00	9.4194	7.956	0.1963
11:03:10	9.5777	7.8566	0.1963
11:03:21	9.7145	7.7917	0.1892
11:03:30	9.736	7.8144	0.1696
11:03:40	9.6634	7.8804	0.1529
11:03:50	9.5985	7.9268	0.1505
11:04:00	9.4938	7.9977	0.1374
11:04:10	9.4265	8.0226	0.1529
11:04:20	9.461	7.9596	0.1315
11:04:31	9.583	7.8727	0.1374
11:04:40	9.7032	7.8007	0.1452
11:04:50	9.7854	7.7781	0.1487
11:05:00	9.7741	7.828	0.1315
11:05:10	9.6652	7.9024	0.16
11:05:20	9.5622	7.9619	0.1529
11:05:30	9.4819	7.9887	0.1392
11:05:41	9.4325	8.0018	0.1452
11:05:50	9.4955	7.9167	0.1339
11:06:00	9.5985	7.8465	0.1392
11:06:10	9.7145	7.7727	0.1452
11:06:21	9.7836	7.762	0.1374

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:06:30	9.7586	7.8191	0.1452
11:06:40	9.686	7.8762	0.1356
11:06:51	9.589	7.9465	0.1529
11:07:00	9.5146	7.9768	0.1529
11:07:10	9.5491	7.9108	0.1583
11:07:20	9.6806	7.8161	0.1642
11:07:31	9.8104	7.7269	0.1678
11:07:40	9.955	7.6299	0.1547
11:07:50	10.0216	7.64	0.1529
11:08:00	9.9514	7.7138	0.166
11:08:10	9.8276	7.8102	0.1642
11:08:20	9.7092	7.8578	0.1719
11:08:30	9.7092	7.8269	0.16
11:08:41	9.7818	7.7513	0.1505
11:08:50	9.9401	7.634	0.1583
11:09:00	10.1323	7.4995	0.1565
11:09:10	10.2906	7.4311	0.1719
11:09:20	10.3329	7.4597	0.16
11:09:30	10.262	7.5245	0.1505
11:09:40	10.1823	7.5894	0.1452
11:09:51	10.0294	7.6953	0.1356
11:10:00	9.9091	7.74	0.1469
11:10:10	9.9437	7.6596	0.1434
11:10:20	10.0924	7.5537	0.1148
11:10:30	10.2335	7.4615	0.1184
11:10:40	10.3519	7.4055	0.122
11:10:50	10.3805	7.424	0.122
11:11:01	10.3025	7.5019	0.122
11:11:10	10.1746	7.584	0.1297
11:11:20	10.0811	7.6209	0.1243
11:11:30	10.0317	7.6346	0.1148
11:11:41	10.0907	7.5406	0.1124
11:11:50	10.2603	7.415	0.1089
11:12:00	10.4203	7.3121	0.1071
11:12:11	10.5328	7.2609	0.1011
11:12:20	10.531	7.2936	0.1011
11:12:30	10.4168	7.3924	0.1011
11:12:40	10.2525	7.5019	0.0993
11:12:51	10.0942	7.5954	0.1011
11:13:00	10.0561	7.5799	0.1106
11:13:10	10.1287	7.4995	0.1124
11:13:20	10.243	7.4246	0.1184
11:13:30	10.346	7.3639	0.1106
11:13:40	10.4055	7.3591	0.1071

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:13:50	10.3745	7.421	0.1011
11:14:01	10.2507	7.5192	0.0952
11:14:10	10.1037	7.6192	0.1011
11:14:20	9.9722	7.6888	0.0934
11:14:30	9.9151	7.7019	0.0993
11:14:40	9.9913	7.6168	0.1053
11:14:50	10.1347	7.5049	0.0993
11:15:00	10.3233	7.3853	0.1089
11:15:11	10.4757	7.3133	0.0821
11:15:20	10.4912	7.3508	0.0952
11:15:30	10.4376	7.3859	0.1011
11:15:40	10.384	7.4073	0.0839
11:15:50	10.3251	7.4519	0.088
11:16:00	10.2888	7.4537	0.1106
11:16:10	10.3805	7.352	0.0934
11:16:21	10.556	7.2175	0.0934
11:16:30	10.7488	7.0972	0.1053
11:16:40	10.8476	7.0883	0.1029
11:16:50	10.806	7.1734	0.1053
11:17:00	10.6399	7.299	0.1011
11:17:10	10.4132	7.4555	0.1148
11:17:20	10.1877	7.5924	0.1374
11:17:31	10.0621	7.6644	0.1315
11:17:40	10.0026	7.7156	0.16
11:17:50	9.9954	7.7376	0.1892
11:18:00	9.974	7.8001	0.2041
11:18:11	9.9306	7.8596	0.2154
11:18:20	9.9246	7.8578	0.2136
11:18:30	9.999	7.803	0.2005
11:18:41	10.077	7.7489	0.1963
11:18:50	10.1514	7.7049	0.2118
11:19:00	10.1877	7.7072	0.2041
11:19:10	10.1002	7.8054	0.1963
11:19:21	9.9514	7.9072	0.1892
11:19:30	9.7949	8.003	0.1928
11:19:40	9.7145	8.0268	0.1963
11:19:50	9.7413	7.975	0.2041
11:20:00	9.883	7.8507	0.2059
11:20:10	10.0621	7.7293	0.2178
11:20:20	10.1972	7.6549	0.2118
11:20:31	10.243	7.6572	0.2118
11:20:40	10.1918	7.7126	0.2041
11:20:50	10.096	7.759	0.1963
11:21:00	10.024	7.7781	0.1963

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:21:10	9.999	7.7727	0.2041
11:21:20	9.999	7.7429	0.2041
11:21:30	10.0984	7.6436	0.2041
11:21:41	10.2549	7.5263	0.1832
11:21:50	10.3483	7.4966	0.1755
11:22:00	10.2948	7.5805	0.1583
11:22:10	10.1174	7.7055	0.141
11:22:20	9.9591	7.7894	0.1392
11:22:30	9.8348	7.8346	0.1374
11:22:40	9.7949	7.8292	0.1374
11:22:51	9.7985	7.7983	0.1452
11:23:00	9.8657	7.7382	0.1374
11:23:10	9.9306	7.6977	0.1505
11:23:20	9.9282	7.7293	0.1392
11:23:31	9.8312	7.8239	0.1297
11:23:40	9.6729	7.9369	0.1315
11:23:50	9.5318	8.0226	0.1297
11:24:01	9.4265	8.0685	0.1374
11:24:10	9.4134	8.0482	0.16
11:24:20	9.5562	7.9245	0.1678
11:24:30	9.6997	7.8495	0.16
11:24:41	9.8121	7.7846	0.1696
11:24:50	9.8883	7.7519	0.1529
11:25:00	9.9115	7.7864	0.1261
11:25:10	9.8752	7.806	0.122
11:25:20	9.8633	7.8054	0.1011
11:25:30	9.8484	7.806	0.1106
11:25:40	9.8026	7.8274	0.1089
11:25:51	9.8104	7.7846	0.1071
11:26:00	9.852	7.7358	0.1011
11:26:10	9.8961	7.7156	0.0934
11:26:20	9.8657	7.7739	0.1184
11:26:30	9.7473	7.8632	0.1166
11:26:40	9.6402	7.9209	0.1166
11:26:50	9.5301	7.9923	0.122
11:27:01	9.4533	8.0215	0.122
11:27:10	9.4557	8.0018	0.1297
11:27:20	9.5336	7.9423	0.1089
11:27:30	9.6384	7.8566	0.1148
11:27:40	9.7473	7.809	0.1124
11:27:50	9.7836	7.8239	0.1124
11:28:00	9.7282	7.9102	0.122
11:28:11	9.6384	7.9786	0.1243
11:28:20	9.5586	8.0298	0.122

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:28:30	9.4747	8.0756	0.1106
11:28:40	9.4628	8.0375	0.1089
11:28:51	9.5562	7.9548	0.1089
11:29:00	9.6842	7.8566	0.1089
11:29:10	9.7871	7.8078	0.1166
11:29:21	9.8121	7.8167	0.1166
11:29:30	9.7586	7.8947	0.1053
11:29:40	9.6556	7.9869	0.1148
11:29:50	9.5354	8.0494	0.1124
11:30:01	9.5182	8.0357	0.122
11:30:10	9.5414	8.0054	0.1297
11:30:20	9.5908	7.9548	0.1297
11:30:30	9.6765	7.8887	0.1184
11:30:40	9.7378	7.8536	0.1166
11:30:50	9.7645	7.8429	0.1243
11:31:00	9.7681	7.8233	0.141
11:31:11	9.7586	7.8596	0.1487
11:31:20	9.6402	7.9369	0.16
11:31:30	9.5372	7.9768	0.1547
11:31:40	9.5432	7.9227	0.16
11:31:50	9.6193	7.859	0.1583
11:32:00	9.705	7.7911	0.1529
11:32:10	9.7455	7.8001	0.1452
11:32:21	9.6919	7.8643	0.1297
11:32:30	9.6098	7.9209	0.1202
11:32:40	9.5241	7.9834	0.1089
11:32:50	9.4497	8.006	0.1089
11:33:00	9.4325	8.0018	0.1089
11:33:10	9.4765	7.9459	0.1106
11:33:20	9.5795	7.8655	0.1148
11:33:31	9.6842	7.7971	0.1029
11:33:40	9.7758	7.7507	0.0993
11:33:50	9.8181	7.7513	0.1148
11:34:00	9.7871	7.7816	0.1148
11:34:11	9.7378	7.8084	0.1184
11:34:20	9.7205	7.8132	0.1124
11:34:30	9.6806	7.8399	0.1089
11:34:41	9.6693	7.8191	0.1297
11:34:50	9.7032	7.7888	0.1297
11:35:00	9.7645	7.7299	0.1315
11:35:10	9.8484	7.6971	0.1202
11:35:21	9.8788	7.7233	0.1261
11:35:30	9.7913	7.8161	0.1261
11:35:40	9.6842	7.8965	0.1166

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:35:50	9.5527	7.9947	0.122
11:36:00	9.4194	8.0697	0.1374
11:36:10	9.3771	8.0566	0.1339
11:36:20	9.4307	7.9965	0.1452
11:36:31	9.5527	7.8977	0.1452
11:36:40	9.6824	7.8221	0.1452
11:36:50	9.7586	7.8155	0.1469
11:37:00	9.7336	7.856	0.1339
11:37:10	9.6669	7.9227	0.1374
11:37:20	9.5949	7.9572	0.1297
11:37:30	9.5717	7.9494	0.1374
11:37:41	9.6443	7.8733	0.1374
11:37:50	9.7663	7.7781	0.1261
11:38:00	9.9169	7.6805	0.1297
11:38:10	10.0163	7.6436	0.1184
11:38:20	10.0163	7.687	0.0976
11:38:30	9.9264	7.7507	0.0857
11:38:40	9.8157	7.8292	0.0785
11:38:51	9.7205	7.8733	0.0571
11:39:00	9.6729	7.878	0.0476
11:39:10	9.7223	7.8179	0.0458
11:39:20	9.7967	7.7775	0.0595
11:39:30	9.8711	7.7215	0.0571
11:39:40	9.9228	7.6935	0.0476
11:39:50	9.9264	7.7114	0.0613
11:40:01	9.8371	7.7739	0.0648
11:40:10	9.7169	7.8405	0.0648
11:40:20	9.6402	7.8655	0.0648
11:40:30	9.6193	7.8376	0.0666
11:40:41	9.6955	7.7727	0.0666
11:40:50	9.7794	7.7072	0.0648
11:41:00	9.8484	7.6751	0.0571
11:41:11	9.8693	7.6965	0.0363
11:41:20	9.7967	7.7781	0.0571
11:41:30	9.7032	7.8352	0.0648
11:41:40	9.6235	7.8673	0.069
11:41:51	9.6193	7.8536	0.0476
11:42:00	9.6729	7.7947	0.0476
11:42:10	9.7663	7.7346	0.0404
11:42:20	9.8502	7.6674	0.0571
11:42:30	9.9401	7.6328	0.0553
11:42:40	9.9609	7.6489	0.0476
11:42:50	9.9246	7.6989	0.0571
11:43:01	9.8598	7.7519	0.0327

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:43:10	9.7776	7.7941	0.0267
11:43:20	9.7241	7.8167	0.019
11:43:30	9.7223	7.8025	0.0327
11:43:40	9.7413	7.7816	0.0208
11:43:50	9.7931	7.7334	0.0208
11:44:00	9.8425	7.7114	0.0232
11:44:11	9.8181	7.7614	0.0404
11:44:20	9.7645	7.8132	0.0345
11:44:30	9.6384	7.9274	0.0571
11:44:40	9.4914	8.0131	0.0571
11:44:50	9.3962	8.0405	0.0648
11:45:00	9.436	7.984	0.0648
11:45:10	9.5354	7.9036	0.0708
11:45:21	9.6669	7.8155	0.0785
11:45:30	9.7818	7.7685	0.0761
11:45:40	9.7949	7.803	0.0708
11:45:50	9.7532	7.8346	0.0857
11:46:01	9.705	7.8846	0.0839
11:46:10	9.6521	7.906	0.0785
11:46:20	9.6574	7.884	0.088
11:46:31	9.7568	7.8007	0.0785
11:46:40	9.8467	7.7435	0.0934
11:46:50	9.9341	7.6858	0.0916
11:47:00	10.0026	7.6543	0.0898
11:47:11	10.0145	7.6757	0.0916
11:47:20	9.9514	7.7412	0.1053
11:47:30	9.8943	7.7632	0.0934
11:47:40	9.8675	7.7846	0.1089
11:47:50	9.9377	7.7304	0.122
11:48:00	10.0698	7.6691	0.1374
11:48:10	10.2031	7.6186	0.1529
11:48:21	10.3001	7.5757	0.141
11:48:30	10.4227	7.5019	0.141
11:48:40	10.5138	7.4609	0.1374
11:48:50	10.5638	7.4513	0.1529
11:49:00	10.5465	7.4853	0.1279
11:49:10	10.4436	7.5704	0.1089
11:49:20	10.3293	7.6198	0.1184
11:49:31	10.2662	7.64	0.0934
11:49:40	10.2353	7.6406	0.0726
11:49:50	10.2376	7.6108	0.0726
11:50:00	10.3311	7.5216	0.0571
11:50:10	10.4453	7.4311	0.0476
11:50:20	10.5596	7.3555	0.0476



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:50:30	10.5959	7.349	0.0404
11:50:41	10.5447	7.4019	0.0404
11:50:50	10.4245	7.4882	0.0422
11:51:00	10.2966	7.5781	0.038
11:51:10	10.1704	7.6251	0.0404
11:51:21	10.1287	7.6239	0.0422
11:51:30	10.165	7.5727	0.0476
11:51:40	10.2299	7.5323	0.069
11:51:51	10.2662	7.5061	0.0726

**Start Calibration**

11:52:00	10.2793	7.5085	0.0648
11:52:10	10.2222	7.5745	2.7946
11:52:20	10.4489	6.1474	0.1678
11:52:31	4.4829	0.576	0.0476
11:52:40	0.5552	0.3535	0.0476
11:52:50	0.1719	0.2803	0.0499
11:53:00	0.088	0.2297	0.0648
11:53:10	0.0458	0.2005	0.0648
11:53:20	0.019	0.1827	0.0648
11:53:30	-4.6E-05	0.1702	0.0648
11:53:41	-0.0114	0.1588	0.0708
11:53:50	-0.0227	0.1505	0.0708
11:54:00	-0.0304	0.1458	0.0666

**Zero Bias            -0.0215    0.1517    0.0694**

11:54:10	-0.034	0.1404	0.2785
11:54:20	0.7671	2.1275	3.1302
11:54:30	6.5123	1.7895	10.7524
11:54:40	17.9396	0.2487	11.3803
11:54:51	19.7307	0.1749	11.5249
11:55:00	19.9976	0.1458	11.5897
11:55:10	20.0912	0.1315	11.6469
11:55:20	20.1406	0.1237	11.6719
11:55:30	20.1753	0.119	11.7766
11:55:40	20.202	0.1184	11.8647
11:55:50	20.2171	0.116	11.9313
11:56:01	20.2322	0.113	12.0212
11:56:10	20.2418	0.113	12.0837
11:56:20	20.2494	0.1095	12.0974
11:56:30	20.2574	0.11	12.1295
11:56:41	20.2574	0.11	12.1676
11:56:50	20.263	0.1083	12.1908
11:57:00	20.2725	0.1059	12.1908

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
11:57:11	20.2745	0.1059	12.1813
11:57:20	20.2801	0.1047	12.1962
<b>THC Bias</b>	<b>20.2757</b>	<b>0.1055</b>	<b>12.18943</b>
11:57:30	20.2841	0.1029	12.1962
11:57:40	20.2856	0.1029	11.6433
11:57:51	20.2856	0.1071	1.1176
11:58:00	14.7658	6.545	0.5361
11:58:10	10.9696	7.23	0.4177
11:58:20	10.4376	7.3341	0.3052
11:58:30	10.249	7.4597	0.2517
11:58:40	10.0829	7.5501	0.1815
11:58:50	9.9704	7.5948	0.1529

**Resume Run 4B**

11:59:01	9.9115	7.6156	0.1297
11:59:10	9.8806	7.6323	0.1148
11:59:20	9.8615	7.6251	0.1071
11:59:30	9.9359	7.5448	0.1011
11:59:40	10.0526	7.4621	0.0857
11:59:50	10.1573	7.4103	0.0857
12:00:00	10.1496	7.4615	0.0857
12:00:11	10.0621	7.5287	0.0857
12:00:20	9.9454	7.6245	0.0857
12:00:30	9.8157	7.6941	0.0898
12:00:40	9.7205	7.759	0.0857
12:00:50	9.6574	7.781	0.0898
12:01:00	9.6806	7.7459	0.0821
12:01:10	9.7794	7.6846	0.0785
12:01:21	9.8711	7.6305	0.0839
12:01:30	9.9454	7.5936	0.0785
12:01:40	9.9472	7.6192	0.0857
12:01:50	9.8961	7.6596	0.0785
12:02:00	9.8389	7.7025	0.0648
12:02:10	9.7741	7.7453	0.0571
12:02:20	9.705	7.7834	0.063
12:02:31	9.7128	7.7673	0.0743
12:02:40	9.7604	7.7269	0.0708
12:02:50	9.8062	7.7037	0.0571
12:03:00	9.877	7.6323	0.0761
12:03:11	9.955	7.59	0.0785
12:03:20	10.0621	7.5138	0.0708
12:03:30	10.096	7.5293	0.0708
12:03:41	10.0508	7.5763	0.0708

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:03:50	9.9496	7.659	0.0571
12:04:00	9.8389	7.7334	0.0708
12:04:10	9.7264	7.7894	0.0571
12:04:21	9.6711	7.8102	0.0499
12:04:30	9.736	7.7316	0.0571
12:04:40	9.8693	7.64	0.0571
12:04:50	9.9817	7.5858	0.0476
12:05:00	10.0008	7.6168	0.0363
12:05:10	9.9091	7.7138	0.0458
12:05:20	9.7395	7.8376	0.0404
12:05:31	9.6098	7.9161	0.0404
12:05:40	9.5104	7.9619	0.0327
12:05:50	9.486	7.9578	0.0404
12:06:00	9.5372	7.9018	0.0363
12:06:10	9.6556	7.8221	0.0327
12:06:20	9.7949	7.7328	0.0458
12:06:30	9.8996	7.687	0.0249
12:06:41	9.8901	7.7334	0.0404
12:06:50	9.8181	7.7941	0.0666
12:07:00	9.711	7.8382	0.0743
12:07:10	9.6693	7.8507	0.0708
12:07:20	9.6521	7.8513	0.0708
12:07:30	9.6443	7.8483	0.0553
12:07:40	9.7223	7.7727	0.0613
12:07:51	9.852	7.6888	0.0803
12:08:00	9.9282	7.6572	0.0785
12:08:10	9.9246	7.6965	0.0743
12:08:20	9.8443	7.7644	0.0648
12:08:31	9.7015	7.8685	0.0571
12:08:40	9.5681	7.9215	0.0404
12:08:50	9.4819	7.9738	0.0327
12:09:01	9.4307	7.9792	0.0249
12:09:10	9.4438	7.9542	0.0267
12:09:20	9.5241	7.8887	0.0249
12:09:30	9.6098	7.837	0.0249
12:09:41	9.6538	7.8221	0.0249
12:09:50	9.6348	7.8602	0.0309
12:10:00	9.5753	7.9018	0.0249
12:10:10	9.486	7.9673	0.0232
12:10:20	9.3581	8.0411	0.0422
12:10:30	9.2664	8.0655	0.0267
12:10:40	9.2664	8.0512	0.0249
12:10:51	9.3486	7.9596	0.0172
12:11:00	9.5128	7.8483	0.0172

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:11:10	9.6747	7.7614	0.0172
12:11:20	9.7508	7.7453	0.038
12:11:30	9.7128	7.8084	0.0309
12:11:40	9.5848	7.909	0.0571
12:11:50	9.4557	7.9822	0.0553
12:12:01	9.3105	8.0899	0.0553
12:12:10	9.1617	8.1756	0.0476
12:12:20	9.1028	8.1726	0.0613
12:12:30	9.1694	8.0994	0.0571
12:12:40	9.3277	7.9887	0.0422
12:12:50	9.4557	7.9506	0.038
12:13:00	9.4628	7.9869	0.0404
12:13:11	9.3581	8.0833	0.0404
12:13:20	9.2515	8.1607	0.0327
12:13:30	9.1272	8.2363	0.0404
12:13:40	9.0528	8.2779	0.038
12:13:51	9.026	8.2797	0.0571
12:14:00	9.076	8.2256	0.0708
12:14:10	9.2248	8.1226	0.0708
12:14:21	9.3735	8.0244	0.0785
12:14:30	9.5164	7.9346	0.0839
12:14:40	9.583	7.9167	0.0934
12:14:50	9.5336	7.9733	0.0952
12:15:01	9.4265	8.0417	0.0934
12:15:10	9.3277	8.0762	0.0976
12:15:20	9.3069	8.0708	0.0952
12:15:30	9.2682	8.0958	0.0803
12:15:40	9.3503	8.0429	0.0934
12:15:50	9.3962	8.0732	0.1011
12:16:00	9.3355	8.1619	0.1148
12:16:11	9.2611	8.2518	0.122
12:16:20	9.2325	8.297	0.1374
12:16:30	9.2075	8.3321	0.1529
12:16:40	9.2914	8.2571	0.1583
12:16:50	9.417	8.1887	0.1624
12:17:00	9.5354	8.1256	0.1678
12:17:10	9.5527	8.1607	0.166
12:17:21	9.4479	8.2494	0.1678
12:17:30	9.295	8.3434	0.1452
12:17:40	9.1807	8.4041	0.1392
12:17:50	9.1194	8.4095	0.1374
12:18:00	9.1557	8.3416	0.1392
12:18:10	9.2819	8.2357	0.1374
12:18:20	9.4152	8.1464	0.1339

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:18:31	9.5301	8.081	0.1374
12:18:40	9.5848	8.0768	0.1374
12:18:50	9.5449	8.1292	0.1374
12:19:00	9.4747	8.1786	0.1297
12:19:11	9.4134	8.2036	0.1148
12:19:20	9.3658	8.2244	0.1148
12:19:30	9.3581	8.2137	0.1053
12:19:41	9.4039	8.1649	0.1053
12:19:50	9.5104	8.0714	0.1243
12:20:00	9.6538	7.9727	0.1243
12:20:10	9.7437	7.9334	0.122
12:20:21	9.7378	7.9572	0.1166
12:20:30	9.633	8.0506	0.1089
12:20:40	9.5182	8.0958	0.1071
12:20:50	9.4438	8.1399	0.1011
12:21:00	9.3355	8.2012	0.1053
12:21:10	9.2361	8.2351	0.1053
12:21:20	9.2515	8.1875	0.1011
12:21:31	9.2992	8.1524	0.0993
12:21:40	9.3486	8.1244	0.1011
12:21:50	9.3735	8.1327	0.1029
12:22:00	9.3718	8.1488	0.0898
12:22:10	9.3123	8.2083	0.0839
12:22:20	9.2224	8.2607	0.0857
12:22:30	9.1028	8.3386	0.0785
12:22:41	9.0284	8.3726	0.0785
12:22:50	9.007	8.3494	0.0726
12:23:00	9.0683	8.2833	0.0708
12:23:10	9.1557	8.2226	0.0595
12:23:20	9.2551	8.1673	0.0571
12:23:30	9.3277	8.1333	0.0571
12:23:40	9.3486	8.125	0.063
12:23:51	9.3616	8.1089	0.0499
12:24:00	9.3866	8.078	0.0595
12:24:10	9.4152	8.0512	0.0476
12:24:20	9.4497	8.0024	0.0476
12:24:30	9.5432	7.9245	0.0404
12:24:40	9.6425	7.859	0.0571
12:24:50	9.6901	7.8507	0.0648
12:25:01	9.6842	7.8757	0.0648
12:25:10	9.6616	7.9078	0.063
12:25:20	9.583	7.9768	0.0613
12:25:30	9.5009	8.0375	0.0648
12:25:41	9.417	8.0756	0.0648

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:25:50	9.364	8.0982	0.0666
12:26:00	9.3486	8.0893	0.0571
12:26:11	9.4057	8.0351	0.0476
12:26:20	9.4652	8.009	0.0476
12:26:30	9.4652	8.0316	0.0476
12:26:40	9.4592	8.0334	0.0476
12:26:51	9.4265	8.0631	0.0595
12:27:00	9.3789	8.0976	0.0648
12:27:10	9.3218	8.1256	0.0708
12:27:20	9.2873	8.1375	0.0726
12:27:30	9.3259	8.0833	0.0785
12:27:40	9.4075	8.0262	0.0821
12:27:50	9.4575	8.0084	0.0857
12:28:01	9.4896	7.9917	0.0857
12:28:10	9.5069	8.0006	0.0857
12:28:20	9.4402	8.0649	0.0934
12:28:30	9.3676	8.1006	0.1011
12:28:40	9.339	8.1024	0.1011
12:28:50	9.3259	8.1173	0.1166
12:29:00	9.3426	8.0714	0.1053
12:29:11	9.4402	7.9846	0.0803
12:29:20	9.6003	7.8762	0.1029
12:29:30	9.6997	7.8411	0.1124
12:29:40	9.7395	7.837	0.1011
12:29:50	9.7491	7.8274	0.1148
12:30:00	9.8026	7.7816	0.1297
12:30:10	9.8217	7.7882	0.1297
12:30:21	9.7741	7.8114	0.1184
12:30:30	9.7532	7.809	0.122
12:30:40	9.7985	7.756	0.1148
12:30:50	9.877	7.6965	0.122
12:31:01	9.9264	7.6751	0.1166
12:31:10	9.9115	7.7132	0.1148
12:31:20	9.8348	7.7721	0.1243
12:31:31	9.7378	7.8411	0.1089
12:31:40	9.6175	7.8995	0.1089
12:31:50	9.564	7.9048	0.1089
12:32:00	9.5622	7.9072	0.1166
12:32:11	9.5223	7.9322	0.122
12:32:20	9.486	7.9441	0.1184
12:32:30	9.467	7.9524	0.1166
12:32:40	9.436	7.9738	0.1011
12:32:50	9.4098	7.978	0.0952
12:33:00	9.4688	7.9114	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:33:10	9.5735	7.8423	0.1053
12:33:21	9.6497	7.8132	0.1089
12:33:30	9.6788	7.8155	0.1011
12:33:40	9.6901	7.8298	0.1053
12:33:50	9.6747	7.8596	0.1089
12:34:00	9.6425	7.8804	0.1089
12:34:10	9.6062	7.9054	0.1011
12:34:20	9.583	7.9114	0.0934
12:34:31	9.6062	7.8762	0.0934
12:34:40	9.6711	7.8179	0.0785
12:34:50	9.7318	7.79	0.0726
12:35:00	9.7532	7.7917	0.0708
12:35:10	9.7282	7.8185	0.0613
12:35:20	9.686	7.8542	0.063
12:35:30	9.608	7.903	0.0613
12:35:41	9.5562	7.9131	0.0648
12:35:50	9.5033	7.9453	0.0458
12:36:00	9.4688	7.9411	0.0499
12:36:10	9.4914	7.9084	0.0476
12:36:21	9.5449	7.8655	0.0404
12:36:30	9.5985	7.8453	0.0404
12:36:40	9.6253	7.8429	0.0327
12:36:51	9.6253	7.8727	0.0309
12:37:00	9.5586	7.928	0.0345
12:37:10	9.4801	7.981	0.0267
12:37:20	9.4229	8.0084	0.0267
12:37:31	9.4098	7.9977	0.0267
12:37:40	9.4652	7.9459	0.0327
12:37:50	9.5432	7.8911	0.0172
12:38:00	9.6193	7.8578	0.0041
12:38:10	9.6652	7.8382	0.0041
12:38:20	9.7223	7.8078	0.019
12:38:30	9.755	7.8072	0.0267
12:38:41	9.7282	7.8346	0.0345
12:38:50	9.6997	7.8411	0.0476
12:39:00	9.7015	7.8334	0.0571
12:39:10	9.7586	7.7757	0.0648
12:39:20	9.8633	7.6989	0.0708
12:39:30	9.9591	7.6489	0.0821
12:39:40	9.9913	7.6513	0.0857
12:39:51	9.9377	7.7162	0.0934
12:40:00	9.8467	7.7721	0.0934
12:40:10	9.7645	7.8167	0.0934
12:40:20	9.705	7.8542	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:40:30	9.6711	7.8667	0.0857
12:40:40	9.6616	7.8602	0.0857
12:40:50	9.7128	7.8185	0.0821
12:41:01	9.7931	7.756	0.0898
12:41:10	9.8752	7.7132	0.0761
12:41:20	9.9074	7.7293	0.0595
12:41:30	9.8502	7.8054	0.0571
12:41:41	9.7092	7.9072	0.0476
12:41:50	9.5586	8.0036	0.0476
12:42:00	9.4384	8.0572	0.0476
12:42:11	9.3944	8.0655	0.0571
12:42:20	9.4765	7.9756	0.0476
12:42:30	9.6235	7.8828	0.0404
12:42:40	9.7627	7.7947	0.038
12:42:51	9.852	7.7632	0.0404
12:43:00	9.8847	7.7507	0.0404
12:43:10	9.877	7.7548	0.0404
12:43:20	9.8371	7.7763	0.0404
12:43:30	9.8121	7.7667	0.0458
12:43:40	9.8312	7.7388	0.0458
12:43:50	9.8693	7.6828	0.0613
12:44:01	9.9627	7.6114	0.0476
12:44:10	10.0734	7.5299	0.0708
12:44:20	10.146	7.5108	0.0708
12:44:30	10.1174	7.5585	0.0476
12:44:40	10.0216	7.6263	0.0476
12:44:50	9.9151	7.69	0.038
12:45:00	9.8121	7.7382	0.0249
12:45:11	9.7586	7.7537	0.0267
12:45:20	9.7604	7.7346	0.0232
12:45:30	9.8181	7.6727	0.044
12:45:40	9.8961	7.6293	0.0404
12:45:50	9.9532	7.6025	0.0404
12:46:00	9.9609	7.6221	0.0327
12:46:10	9.9228	7.6674	0.0476
12:46:21	9.858	7.7245	0.0595
12:46:30	9.7871	7.7721	0.0422
12:46:40	9.7699	7.765	0.0404
12:46:50	9.8062	7.7376	0.0404
12:47:00	9.8407	7.7215	0.038
12:47:10	9.8562	7.7084	0.0309
12:47:20	9.8693	7.7055	0.0208
12:47:31	9.8901	7.6775	0.0285
12:47:40	9.9401	7.6269	0.019



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:47:50	10.0121	7.5727	0.0267
12:48:00	10.0811	7.5251	0.019
12:48:11	10.1383	7.4972	0.0345
12:48:20	10.165	7.4918	0.0345
12:48:30	10.1609	7.5239	0.0113
12:48:41	10.121	7.5567	0.019
12:48:50	10.0698	7.59	0.019
12:49:00	10.0484	7.5977	0.019
12:49:10	10.0484	7.5888	0.0345
12:49:21	10.1252	7.5168	0.0476
12:49:30	10.2394	7.4341	0.0499
12:49:40	10.3347	7.3835	0.0571
12:49:50	10.3293	7.4299	0.0571
12:50:00	10.2204	7.5192	0.0761
12:50:10	10.1061	7.5942	0.0708
12:50:20	10.005	7.6436	0.088
12:50:31	9.9532	7.6638	0.0803
12:50:40	10.0353	7.5787	0.088
12:50:50	10.1781	7.4734	0.0821
12:51:00	10.3388	7.3829	0.0743
12:51:10	10.4322	7.368	0.0666
12:51:20	10.4108	7.4115	0.0648
12:51:30	10.3632	7.4555	0.0476
12:51:41	10.2853	7.5085	0.0476
12:51:50	10.2222	7.5275	0.0517
12:52:00	10.2472	7.4829	0.0404
12:52:10	10.3293	7.4168	0.0404
12:52:20	10.4227	7.3609	0.0571
12:52:30	10.4703	7.3436	0.0458
12:52:40	10.4245	7.4103	0.0404
12:52:51	10.2698	7.5001	0.0458
12:53:00	10.1383	7.5644	0.0404
12:53:10	10.1079	7.5436	0.0267
12:53:20	10.1418	7.5025	0.0267
12:53:31	10.2186	7.4501	0.0267
12:53:40	10.2335	7.468	0.0285
12:53:50	10.1996	7.5073	0.0327
12:54:01	10.1133	7.5614	0.0285
12:54:10	10.043	7.6001	0.0404
12:54:20	9.9877	7.6138	0.0327
12:54:30	9.9954	7.5882	0.0327
12:54:41	10.0484	7.5477	0.0404
12:54:50	10.0924	7.5293	0.0404
<b>End Run 4B</b>	<b>9.991546</b>	<b>7.62521</b>	<b>0.12487</b>

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:55:00	10.0984	7.5507	0.038
12:55:10	10.0121	7.6305	0.038
12:55:20	9.8925	7.6971	0.0404
12:55:30	9.8711	7.6864	0.044
12:55:40	9.9246	7.6346	0.0476
12:55:51	9.9877	7.6162	0.0571
12:56:00	9.9895	7.6412	0.0743
12:56:10	9.9817	7.6572	0.0708
12:56:20	9.9913	7.6543	0.0839
12:56:30	10.0085	7.6507	0.0857
12:56:40	10.0121	7.6483	0.088
12:56:50	10.0526	7.5704	0.0857
12:57:01	10.1996	7.4989	0.0785
12:57:10	10.2162	7.4942	0.069
12:57:20	10.2888	7.3948	0.1053
12:57:30	10.5733	7.0865	0.0993
12:57:40	11.1452	6.5468	0.1071
12:57:50	11.7498	6.0278	0.1166
12:58:00	12.2366	5.5952	0.122
12:58:11	12.4979	5.3607	0.1356
12:58:20	12.6258	5.2244	0.1356
12:58:30	12.6597	5.1512	0.1374
12:58:40	12.6425	5.112	0.1452
12:58:51	12.6181	5.0673	0.1565
12:59:00	12.5931	5.0388	0.1815
12:59:10	12.5705	5.0286	0.2178
12:59:21	12.5645	5.0203	0.2422
12:59:30	12.5877	5.0025	0.2749
12:59:40	12.6371	4.9834	0.3112
12:59:50	12.6752	4.984	0.3356
13:00:01	12.6425	5.0376	0.3546
13:00:10	12.6353	5.0578	0.3796
13:00:20	12.6597	5.0554	0.4064
13:00:30	12.6752	5.0727	0.4505
13:00:40	12.633	5.1245	0.4921
13:00:50	12.5818	5.1637	0.5171
13:01:00	12.5395	5.1893	0.5361
13:01:11	12.5514	5.1673	0.5397
13:01:20	12.5776	5.1524	0.5248
13:01:30	12.5895	5.134	0.5171
13:01:40	12.5818	5.1286	0.4981
13:01:50	12.5473	5.1387	0.479
13:02:00	12.5247	5.1322	1.5758

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:02:10	10.7661	0.779	0.0535
13:02:21	1.2687	0.316	0.0285
13:02:30	0.2731	0.2356	0.0249
13:02:40	0.1315	0.1999	0.0267
13:02:50	0.0785	0.1761	0.0309
13:03:00	0.044	0.1594	0.0476
13:03:10	0.019	0.1499	0.0422
13:03:20	0.0041	0.141	0.0476
13:03:31	-0.0114	0.1356	0.0404
13:03:40	-0.0191	0.1303	0.0571
13:03:50	-0.0304	0.1261	0.0404
13:04:00	-0.0363	0.122	0.038
13:04:11	-0.0435	0.1202	0.0363
13:04:20	-0.0477	0.1184	0.0267
13:04:30	-0.0512	0.1166	0.0249
13:04:41	-0.0554	0.1154	0.0267
13:04:50	-0.0572	0.1053	0.019
13:05:00	-0.0607	0.1017	0.0404
13:05:10	-0.0631	0.0999	0.0476
13:05:21	-0.0685	0.0987	0.0404
13:05:30	-0.0703	0.0987	0.038
13:05:40	-0.0726	0.0964	0.044
13:05:50	-0.0744	0.0946	0.0708
13:06:00	-0.0762	0.094	0.0613
13:06:10	-0.0762	0.094	0.063
<b>Zero Bias</b>	<b>-0.0756</b>	<b>0.0942</b>	<b>0.065033</b>
13:06:20	-0.078	0.0922	0.088
13:06:31	-0.0726	0.1202	0.3874
13:06:40	6.6914	3.2564	-4.6E-05
13:06:50	9.2075	9.5074	-0.0191
13:07:00	9.7092	9.7104	-0.0363
13:07:10	9.7931	9.7752	-0.0435
13:07:20	9.8217	9.8145	-0.0322
13:07:30	9.8425	9.8383	-0.0417
13:07:41	9.858	9.855	-0.0268
13:07:50	9.8675	9.8639	-0.0268
13:08:00	9.8752	9.874	-0.0268
13:08:10	9.883	9.8836	-0.0268
13:08:20	9.8865	9.8907	-0.0191
13:08:30	9.8883	9.8931	-0.0268
<b>O2/CO2 Bias</b>	<b>9.885933</b>	<b>9.889133</b>	<b>-0.02423</b>
13:08:40	9.8925	9.8937	0.3035

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:08:51	11.0785	6.5123	3.376
13:09:00	16.7417	4.7757	12.0551
13:09:10	19.3455	0.4808	12.3128
13:09:20	20.0092	0.3041	12.3449
13:09:30	20.1124	0.2505	12.3604
13:09:40	20.1522	0.2082	12.3646
13:09:50	20.1809	0.1838	12.3664
13:10:01	20.1945	0.1672	12.3759
13:10:10	20.2076	0.1535	12.389
13:10:20	20.2212	0.1434	12.3908
13:10:30	20.2302	0.1368	12.3949
<b>THC Bias</b>	<b>20.21967</b>	<b>0.144567</b>	<b>12.39157</b>
13:10:41	20.2363	0.1303	12.4027
13:10:50	20.2363	0.1303	12.4027

**Veolia Unit 2**

Uncorrected Concentrations									
30-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 5B	1245-1602	10.34	7.20				0.21	42.92	0.37

Corrected O <sub>2</sub> Conc.					
30-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 5B	1245-1602	10.34	0.02	1.02	10.50

Corrected CO <sub>2</sub> Conc.					
30-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 5B	1245-1602	7.20	0.04	1.01	7.25

**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 41577  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	08:30	-0.01	0.01	0.0%
span gas	CC189665	22.50	08:32	22.50	0.00	0.0%
mid-range	CC196768	9.52	08:33	9.54	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
5B	0.00	-0.01	12:02	0.00	0.0%	16:05	0.03	0.2%	0.2%	C <sub>O</sub> = 0.015 C <sub>M0</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.016
	9.52	9.54	12:04	9.40	-0.6%	16:07	9.37	-0.8%	-0.2%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 41577  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	08:30	0.01	0.01	0.1%
span gas	CC189665	19.20	08:32	19.23	0.03	0.1%
mid-range	CC196768	9.53	08:33	9.64	0.11	0.6%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
5B	0.00	0.01	12:02	0.05	0.2%	16:05	0.04	0.2%	0.0%	$C_0 = 0.043$ $C_{MA}/(C_M - C_0) = 1.012$
	9.53	9.64	12:04	9.49	-0.8%	16:07	9.43	-1.1%	-0.3%	

**Veolia Unit 2  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 41577  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range: 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	12:10	0.03	0.03	n/a
<b>Span</b>	ALM025456	24.70	12:06	24.63	0.07	0.3%
<b>Mid</b>	ALM028646	14.80	12:07	14.98	0.18	1.2%
<b>Low</b>	ALM057529	8.43	12:08	8.55	0.12	1.4%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 5B	0.03	13:49	0.05	0.1
	14.98	13:50	14.99	0.0
	0.03	14:56	0.05	0.1
	14.98	14:57	15.00	0.1
	0.03	16:05	0.06	0.1
	14.98	16:09	15.01	0.1



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:26:52	20.3622	0.1541	1.8543
8:27:02	20.4936	0.0636	1.0075
8:27:33	20.4916	0.0607	0.9617
8:27:43	20.4916	0.0607	0.9533
8:27:53	20.486	0.0607	0.9533
8:28:03	20.4916	0.0624	0.9456
8:28:13	20.4936	0.0618	0.9593
8:28:23	20.4956	0.0613	0.9617
8:28:33	20.4976	0.0607	0.9617
8:28:43	20.4976	0.0595	0.9617
8:28:53	20.5127	0.0589	0.9617
8:29:03	20.5167	0.0595	1.7555
8:29:13	4.9233	0.0232	0.188
8:29:23	0.1696	0.0107	0.094
8:29:33	0.0613	0.0113	0.7932
8:29:43	0.0345	0.013	0.9533
8:29:53	0.0077	0.0113	0.9533
8:30:03	-4.60E-05	0.013	0.9384
8:30:13	-0.0018	0.0113	0.9361
8:30:23	-0.0036	0.0113	0.9468
8:30:33	-0.0078	0.0107	0.9533
8:30:43	-0.0096	0.0107	0.9617
8:30:53	-0.0036	0.0095	0.9581
<b>N2 Zero</b>	<b>-0.007</b>	<b>0.0103</b>	<b>0.9577</b>
8:31:03	0.0017	0.0107	0.9545
8:31:13	13.0376	12.3003	0.9938
8:31:23	22.3325	19.0555	1.014
8:31:33	22.4604	19.1587	1.0462
8:31:43	22.4851	19.1899	1.0551
8:31:53	22.4946	19.205	1.0087
8:32:03	22.5002	19.2242	0.9807
8:32:13	22.5062	19.2226	0.9628
8:32:23	22.5062	19.2287	0.9468
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.5042</b>	<b>19.22517</b>	<b>0.963433</b>
8:32:33	22.4926	19.2327	0.9319
8:32:43	22.613	19.2654	0.9224
8:32:53	10.4055	10.1133	0.9236
8:33:03	9.5985	9.6646	0.9224
8:33:13	9.5562	9.6503	0.9111
8:33:23	9.5467	9.6479	0.9111
8:33:33	9.5449	9.6449	0.9271
8:33:43	9.5491	9.6449	0.9307

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:33:53	9.5372	9.6425	0.9295
<b>O2/CO2 Mid 9.52/9.53</b>	<b>9.543733</b>	<b>9.6441</b>	<b>0.9291</b>
8:34:03	9.5449	9.6419	0.9224
8:34:13	9.5301	9.5842	0.9224
8:34:23	12.0896	8.7088	0.9319
8:34:33	20.5948	0.1321	0.9456
8:34:43	20.6673	0.11	0.9545
8:34:53	20.6577	0.0952	0.9545
8:35:03	20.6557	0.0886	0.9533
8:35:13	20.4729	0.0833	0.5058
8:35:23	1.4556	0.0446	-0.0548
8:35:33	0.1124	0.0267	-0.081
12:00:33	10.0353	7.1127	0.1969
12:00:43	10.0371	7.1103	0.1898
12:00:53	10.005	7.1353	0.1898
12:01:03	9.974	7.1585	0.1898
12:01:13	9.9437	7.1776	0.1898
12:01:23	9.9091	7.1972	0.1898
12:01:33	9.921	7.1841	0.1898
12:01:43	9.9437	7.1812	0.2243
12:01:53	3.8188	1.1783	0.2987
12:02:03	0.2136	0.1154	0.069
12:02:13	0.0267	0.072	0.0505
12:02:23	0.0077	0.0565	0.0493
12:02:33	-0.0018	0.0499	0.0505
12:02:43	-0.0036	0.0482	0.0505
12:02:53	-0.0054	0.0404	0.0422
<b>Zero Bias</b>	<b>-0.0036</b>	<b>0.046167</b>	<b>0.047733</b>
12:03:03	-0.0078	0.038	0.0422
12:03:13	-4.60E-05	0.0404	0.0791
12:03:23	7.4948	5.7553	0.3058
12:03:33	8.6921	8.6029	0.1148
12:03:43	9.3521	9.4467	0.0708
12:03:53	9.3908	9.4688	0.0666
12:04:03	9.3962	9.4842	0.069
12:04:13	9.4021	9.4902	0.0803
12:04:23	9.4021	9.4955	0.0803
<b>O2/CO2 Bias</b>	<b>9.400133</b>	<b>9.489967</b>	<b>0.076533</b>
12:04:33	9.3926	9.4652	0.2291
12:04:43	9.999	7.2918	2.5857

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
12:04:53	19.6486	0.332	21.9533
12:05:03	20.4553	0.0964	24.2087
12:05:13	20.488	0.072	24.2867
12:05:23	20.5011	0.0607	24.3029
12:05:33	20.5092	0.0482	24.6256
12:05:43	20.5107	0.0464	24.6302
12:05:53	20.5147	0.038	24.6302
12:06:03	20.5223	0.0374	24.6151
12:06:13	20.5243	0.0345	24.6302
<b>THC Span Bias 24.7</b>	<b>20.52043</b>	<b>0.036633</b>	<b>24.62517</b>
12:06:23	20.5127	0.0345	24.6231
12:06:33	18.1189	2.5238	11.9361
12:06:43	18.4432	0.9378	11.5171
12:06:53	20.3888	0.0553	14.8831
12:07:03	20.4382	0.0404	14.9676
12:07:13	20.4442	0.0351	14.9676
12:07:23	20.4462	0.0339	14.9664
12:07:33	20.4518	0.0321	14.9789
12:07:43	20.4478	0.0321	14.9848
<b>THC Mid Bias</b>	<b>20.4486</b>	<b>0.0327</b>	<b>14.9767</b>
12:07:53	20.4422	0.0321	14.9825
12:08:03	17.6269	2.7898	8.1684
12:08:13	19.416	0.5266	7.6924
12:08:23	20.5011	0.0589	8.5184
12:08:33	20.5278	0.0505	8.5434
12:08:43	20.5298	0.0464	8.5517
12:08:53	20.5339	0.0452	8.5517
<b>THC Low Bias 8.43</b>	<b>20.5305</b>	<b>0.047367</b>	<b>8.548933</b>
12:09:03	20.5359	0.0428	8.5517
12:09:13	20.5031	0.0595	6.8485
12:09:23	13.3025	3.9289	1.4592
12:09:33	0.7801	0.0868	0.2118
12:09:43	0.0821	0.0529	0.0607
12:09:53	0.044	0.0458	0.0422
12:10:03	0.0345	0.041	0.0345
12:10:13	0.0249	0.0374	0.0345
12:10:23	0.0172	0.0369	0.0261
12:10:33	0.0095	0.0422	0.0345
12:10:43	0.0095	0.0357	0.0345
<b>Zero Bias</b>	<b>0.012067</b>	<b>0.038267</b>	<b>0.0317</b>

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:10:53	0.4219	0.6034	0.2689
12:11:03	8.3494	7.878	0.3171
12:11:13	8.91	7.8858	0.2636
12:11:23	9.1176	7.7733	0.2368
12:11:33	9.3045	7.6751	0.2368
12:11:43	9.3926	7.6317	0.2279
12:11:53	9.4479	7.6031	0.2207
12:12:03	9.461	7.5977	0.213
12:12:13	9.5033	7.5704	0.213
12:12:23	9.5604	7.5323	0.2047
12:12:33	9.614	7.4978	0.1969
12:12:43	9.6497	7.4745	0.1969
12:12:53	9.5795	7.4918	0.213
12:13:03	9.608	7.4109	0.2047
12:13:13	9.6729	7.4073	0.1969
12:13:23	9.686	7.4162	0.1898
12:13:33	9.6997	7.4168	0.1969
12:13:43	9.7627	7.3698	0.2047
12:13:53	9.8044	7.3514	0.1969
12:14:03	9.8157	7.3484	0.1957
12:14:13	9.7836	7.3758	0.1797
12:14:23	9.8062	7.3537	0.1821
12:14:33	9.8407	7.3293	0.1898
12:14:43	9.8996	7.2924	0.1898
12:14:53	9.9835	7.2377	0.1898
12:15:03	10.0448	7.1943	0.1946
12:15:13	10.127	7.1419	0.1898
12:15:23	10.1823	7.0931	0.1969
12:15:33	10.2353	7.0592	0.1898
12:15:43	10.2793	7.0288	0.1821
12:15:53	10.2775	7.0258	0.1821
12:16:03	10.268	7.0258	0.1898
12:16:13	10.268	7.0235	0.1898
12:16:23	10.3406	6.9723	0.1898
12:16:33	10.4037	6.9312	0.1898
12:16:43	10.4566	6.8961	0.1898
12:16:53	10.3692	6.9776	0.1821
12:17:03	10.2049	7.108	0.1898
12:17:13	10.0811	7.2079	0.1969
12:17:23	10.0847	7.2133	0.1969
12:17:33	10.1323	7.1913	0.1981
12:17:43	10.2162	7.1401	0.2029
12:17:53	10.243	7.1318	0.2047
12:18:03	10.1347	7.2139	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:18:13	9.9877	7.3192	0.2047
12:18:23	9.8443	7.4055	0.213
12:18:33	9.7437	7.4597	0.213
12:18:43	9.8044	7.4061	0.2047
12:18:53	9.9496	7.299	0.213
12:19:03	10.0847	7.2056	0.2106
12:19:13	10.1972	7.124	0.2047
12:19:23	10.2204	7.1193	0.2082
12:19:33	10.1192	7.2127	0.2047
12:19:43	10.0389	7.2698	0.2047
12:19:53	9.8978	7.3805	0.2047
12:20:03	9.8425	7.4133	0.2047
12:20:13	9.9151	7.3567	0.1922
12:20:23	10.0579	7.2609	0.2047
12:20:33	10.2144	7.1526	0.2047
12:20:43	10.3079	7.0943	0.2047
12:20:53	10.2793	7.1181	0.1969
12:21:03	10.165	7.1996	0.1898
12:21:13	10.0603	7.268	0.1898
12:21:23	9.9669	7.3311	0.1898
12:21:33	9.9074	7.3662	0.1898
12:21:43	9.9306	7.3466	0.1898
12:21:53	10.043	7.2674	0.1969
12:22:03	10.1478	7.1925	0.1969
12:22:13	10.2222	7.146	0.1969
12:22:23	10.2049	7.1704	0.1844
12:22:33	10.0579	7.2788	0.1821
12:22:43	9.9419	7.3621	0.1922
12:22:53	9.7913	7.4668	0.2017
12:23:03	9.73	7.5126	0.1898
12:23:13	9.7985	7.4555	0.1898
12:23:23	9.9133	7.3704	0.1969
12:23:33	10.0335	7.299	0.1868
12:23:43	10.1061	7.2538	0.1898
12:23:53	10.0389	7.3097	0.1821
12:24:03	9.9324	7.3841	0.1821
12:24:13	9.8598	7.4293	0.1821
12:24:23	9.8502	7.4299	0.1821
12:24:33	9.9454	7.3621	0.1898
12:24:43	10.1115	7.2371	0.1898
12:24:53	10.3156	7.102	0.1969
12:25:03	10.5138	6.9598	0.1821
12:25:13	10.6459	6.8747	0.191
12:25:23	10.6364	6.8878	0.1946

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:25:33	10.4947	7.0026	0.1922
12:25:43	10.3364	7.1026	0.1898
12:25:53	10.224	7.1788	0.1946
12:26:03	10.243	7.1532	0.2047
12:26:13	10.3442	7.0842	0.2047
12:26:23	10.4489	7.0127	0.2106
12:26:33	10.5673	6.9336	0.213
12:26:43	10.6054	6.9199	0.2047
12:26:53	10.5215	6.9842	0.1969
12:27:03	10.39	7.083	0.1969
12:27:13	10.2757	7.1568	0.1969
12:27:23	10.1805	7.2151	0.1969
12:27:33	10.1728	7.2258	0.1969
12:27:43	10.2739	7.1514	0.2047
12:27:53	10.384	7.0758	0.1969
12:28:03	10.5007	6.9907	0.2047
12:28:13	10.537	6.9675	0.1969
12:28:23	10.4394	7.0538	0.2047
12:28:33	10.2698	7.1823	0.2047
12:28:43	10.096	7.3055	0.1993
12:28:53	10.0181	7.3639	0.1969
12:29:03	10.0389	7.3502	0.1969
12:29:13	10.1954	7.2436	0.2047
12:29:23	10.3745	7.1228	0.1969
12:29:33	10.4989	7.0342	0.1969
12:29:43	10.5162	7.03	0.1969
12:29:53	10.4013	7.127	0.1946
12:30:03	10.2603	7.2133	0.1821
12:30:13	10.1252	7.3133	0.1898
12:30:23	10.0353	7.3692	0.1898
12:30:33	10.0639	7.3531	0.1969
12:30:43	10.1877	7.2746	0.1969
12:30:53	10.3269	7.1758	0.2047
12:31:03	10.3959	7.1312	0.2047
12:31:13	10.3251	7.1853	0.1969
12:31:23	10.1591	7.3055	0.2047
12:31:33	9.9722	7.4287	0.2047
12:31:43	9.8235	7.5245	0.2047
12:31:53	9.7794	7.5537	0.2047
12:32:03	9.852	7.5019	0.2106
12:32:13	9.9972	7.4055	0.2118
12:32:23	10.14	7.3032	0.2356
12:32:33	10.2716	7.2014	0.2207
12:32:43	10.3001	7.1853	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:32:53	10.1954	7.2669	0.219
12:33:03	10.0317	7.3853	0.2094
12:33:13	9.9282	7.4638	0.213
12:33:23	9.9496	7.4507	0.213
12:33:33	10.0924	7.3597	0.2196
12:33:43	10.3025	7.2246	0.2338
12:33:53	10.4989	7.0865	0.2315
12:34:03	10.6245	7.0092	0.2279
12:34:13	10.6286	7.0151	0.2279
12:34:23	10.5197	7.0961	0.2279
12:34:33	10.4453	7.1407	0.2356
12:34:43	10.4394	7.1425	0.2279
12:34:53	10.5215	7.0824	0.2207
12:35:03	10.6745	6.9622	0.2207
12:35:13	10.8137	6.8634	0.2178
12:35:23	10.9089	6.7902	0.213
12:35:33	10.8917	6.7973	0.213
12:35:43	10.6989	6.927	0.2279
12:35:53	10.4608	7.0782	0.2207
12:36:03	10.224	7.2258	0.2047
12:36:13	10.0561	7.3323	0.2029
12:36:23	10.0317	7.3395	0.2047
12:36:33	10.1002	7.2936	0.2047
12:36:43	10.2144	7.2151	0.2047
12:36:53	10.3483	7.1228	0.2047
12:37:03	10.4299	7.0717	0.2047
12:37:13	10.3596	7.1395	0.2047
12:37:23	10.2091	7.2454	0.2178
12:37:33	10.0389	7.3609	0.213
12:37:43	9.9817	7.3918	0.213
12:37:53	10.0811	7.318	0.2279
12:38:03	10.2257	7.2192	0.2279
12:38:13	10.371	7.1288	0.2071
12:38:23	10.4394	7.0812	0.2154
12:38:33	10.3823	7.1288	0.2071
12:38:43	10.249	7.2276	0.2207
12:38:53	10.1252	7.3157	0.2207
12:39:03	9.9895	7.4031	0.2207
12:39:13	9.9056	7.4656	0.2207
12:39:23	9.9282	7.4382	0.213
12:39:33	10.0008	7.3764	0.2047
12:39:43	10.0847	7.3192	0.213
12:39:53	10.0752	7.3234	0.2047
12:40:03	9.98	7.3829	0.2029

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:40:13	9.7836	7.5114	0.1969
12:40:23	9.6348	7.6055	0.1898
12:40:33	9.5146	7.665	0.191
12:40:43	9.4914	7.6763	0.1969
12:40:53	9.5699	7.6215	0.1969
12:41:03	9.6997	7.5358	0.1969
12:41:13	9.8389	7.443	0.1969
12:41:23	9.9454	7.368	0.1969
12:41:33	9.921	7.3942	0.191
12:41:43	9.7491	7.5114	0.1993
12:41:53	9.5223	7.6584	0.2047
12:42:03	9.3259	7.7763	0.1969
12:42:13	9.2396	7.8239	0.1898
12:42:23	9.3545	7.74	0.1821
12:42:33	9.5241	7.6305	0.1898
12:42:43	9.7282	7.4989	0.1969
12:42:53	9.833	7.4424	0.191
12:43:03	9.8252	7.4609	0.1969
12:43:13	9.7568	7.5192	0.2047
12:43:23	9.6384	7.59	0.2047
12:43:33	9.5509	7.6549	0.1969
12:43:43	9.5033	7.668	0.2047
12:43:53	9.5301	7.6584	0.2071
12:44:03	9.5318	7.6549	0.2047
12:44:13	9.564	7.6352	0.2047
12:44:23	9.5717	7.6317	0.2047
12:44:33	9.5336	7.6406	0.2047
12:44:43	9.4801	7.6751	0.2047
12:44:53	9.4075	7.7191	0.2047

**Start Run 5B**

12:45:03	9.3849	7.7221	0.2047
12:45:13	9.4057	7.7037	0.1969
12:45:23	9.4075	7.7025	0.1969
12:45:33	9.3962	7.7084	0.1844
12:45:43	9.4384	7.6757	0.1898
12:45:53	9.5259	7.6102	0.1969
12:46:03	9.6669	7.5168	0.1969
12:46:13	9.8104	7.4127	0.1898
12:46:23	9.9377	7.3293	0.1946
12:46:33	9.9437	7.3264	0.2047
12:46:43	9.8294	7.4168	0.2029
12:46:53	9.7187	7.4936	0.1969
12:47:03	9.6116	7.5591	0.1821



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:47:13	9.608	7.5567	0.1821
12:47:23	9.7074	7.4966	0.1821
12:47:33	9.8276	7.4133	0.1821
12:47:43	9.974	7.3157	0.1821
12:47:53	10.0603	7.2651	0.1821
12:48:03	10.0085	7.3162	0.1821
12:48:13	9.8294	7.4448	0.1761
12:48:23	9.6425	7.5757	0.1797
12:48:33	9.461	7.6733	0.1743
12:48:43	9.3926	7.7156	0.1743
12:48:53	9.4652	7.6668	0.1761
12:49:03	9.589	7.587	0.1743
12:49:13	9.7282	7.4948	0.1898
12:49:23	9.7985	7.4513	0.188
12:49:33	9.7413	7.4888	0.191
12:49:43	9.6235	7.5626	0.1969
12:49:53	9.5467	7.6061	0.1922
12:50:03	9.5164	7.6108	0.1821
12:50:13	9.5735	7.5757	0.1969
12:50:23	9.7187	7.4757	0.1946
12:50:33	9.8996	7.3484	0.2047
12:50:43	10.0942	7.2175	0.213
12:50:53	10.1781	7.1758	0.2047
12:51:03	10.1192	7.227	0.2047
12:51:13	9.9722	7.3234	0.2047
12:51:23	9.8312	7.4097	0.2029
12:51:33	9.7395	7.4638	0.1844
12:51:43	9.7264	7.4692	0.1898
12:51:53	9.8199	7.4049	0.1993
12:52:03	9.9532	7.3079	0.2047
12:52:13	10.0561	7.243	0.2047
12:52:23	10.0734	7.2425	0.2041
12:52:33	9.9282	7.3508	0.2047
12:52:43	9.7532	7.4757	0.2047
12:52:53	9.5622	7.5989	0.2047
12:53:03	9.4479	7.6697	0.2047
12:53:13	9.436	7.6727	0.2106
12:53:23	9.5449	7.5995	0.213
12:53:33	9.6788	7.5162	0.2207
12:53:43	9.8008	7.4412	0.2207
12:53:53	9.7818	7.4656	0.213
12:54:03	9.6711	7.54	0.213
12:54:13	9.5241	7.634	0.2106
12:54:23	9.4057	7.7078	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:54:33	9.3563	7.7423	0.2047
12:54:43	9.4194	7.7007	0.2005
12:54:53	9.633	7.5466	0.1946
12:55:03	9.705	7.521	0.2047
12:55:13	9.8312	7.4466	0.1969
12:55:23	9.7913	7.4817	0.1969
12:55:33	9.6616	7.5733	0.1946
12:55:43	9.3658	7.7739	0.1809
12:55:53	9.0718	7.9542	0.2047
12:56:03	8.8623	8.0887	0.213
12:56:13	8.7743	8.1417	0.2094
12:56:23	10.0198	7.1877	0.2517
12:56:33	9.8062	7.424	0.2439
12:56:43	9.5658	7.5942	0.2255
12:56:53	9.6652	7.5829	0.2207
12:57:03	9.6211	7.6691	0.2207
12:57:13	9.7473	7.6215	0.2196
12:57:23	9.7836	7.6209	0.2196
12:57:33	9.8389	7.5971	0.213
12:57:43	9.9401	7.5317	0.213
12:57:53	10.0674	7.4507	0.2106
12:58:03	10.1686	7.3805	0.2047
12:58:13	10.2204	7.3639	0.2178
12:58:23	10.2376	7.1639	0.2279
12:58:33	10.1609	7.3097	0.2196
12:58:43	10.2603	7.324	0.213
12:58:53	10.3001	7.352	0.213
12:59:03	10.4394	7.2811	0.2041
12:59:13	10.6417	7.1431	0.2047
12:59:23	10.8857	6.9752	0.1993
12:59:33	11.0405	6.8616	0.1969
12:59:43	11.1357	6.7967	0.2029
12:59:53	11.1166	6.8241	0.1969
13:00:03	11.0827	6.8652	0.2071
13:00:13	11.0672	6.88	0.213
13:00:23	11.0541	6.8931	0.2047
13:00:33	11.0976	6.858	0.1969
13:00:43	11.0387	6.811	0.2017
13:00:53	11.2029	6.6747	0.2196
13:01:03	11.3648	6.6027	0.2106
13:01:13	11.4088	6.5902	0.1898
13:01:23	11.3321	6.6551	0.2029
13:01:33	11.1398	6.7943	0.1892
13:01:43	10.9678	6.9092	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:01:53	10.7923	7.0151	0.1969
13:02:03	10.6816	7.0717	0.1969
13:02:13	10.6917	7.0484	0.1969
13:02:23	10.7661	6.9877	0.2047
13:02:33	10.8554	6.911	0.2047
13:02:43	10.8572	6.9104	0.213
13:02:53	10.7352	7.0014	0.1969
13:03:03	10.5483	7.1377	0.2071
13:03:13	10.3596	7.2758	0.2047
13:03:23	10.2299	7.368	0.2047
13:03:33	10.1877	7.3948	0.2047
13:03:43	10.2603	7.3395	0.2094
13:03:53	10.4168	7.2181	0.1969
13:04:03	10.5864	7.0943	0.2106
13:04:13	10.6036	7.0812	0.2094
13:04:23	10.512	7.1401	0.2041
13:04:33	10.3823	7.2151	0.1969
13:04:43	10.2394	7.302	0.1969
13:04:53	10.1365	7.3466	0.1969
13:05:03	10.0829	7.3728	0.1892
13:05:13	10.1418	7.3186	0.1993
13:05:23	10.2353	7.2508	0.1969
13:05:33	10.3025	7.2026	0.2047
13:05:43	10.2549	7.246	0.2118
13:05:53	10.1037	7.3573	0.213
13:06:03	9.9246	7.4722	0.2118
13:06:13	9.6693	7.6465	0.1957
13:06:23	9.5086	7.7441	0.1969
13:06:33	9.4723	7.7626	0.1969
13:06:43	9.5164	7.7293	0.1969
13:06:53	9.6306	7.6537	0.1969
13:07:03	9.7889	7.5382	0.2106
13:07:13	9.7931	7.546	0.213
13:07:23	9.6806	7.6269	0.2047
13:07:33	9.5301	7.7263	0.213
13:07:43	9.3468	7.8626	0.213
13:07:53	9.2777	7.8995	0.2047
13:08:03	9.2932	7.8899	0.2094
13:08:13	9.4265	7.8001	0.2154
13:08:23	9.5681	7.7007	0.2047
13:08:33	9.6788	7.6221	0.1969
13:08:43	9.6788	7.6328	0.2017
13:08:53	9.5699	7.7072	0.2071
13:09:03	9.4438	7.7917	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:09:13	9.3372	7.8542	0.1969
13:09:23	9.2801	7.8971	0.2094
13:09:33	9.2759	7.8917	0.213
13:09:43	9.3813	7.8185	0.213
13:09:53	9.5182	7.7287	0.2047
13:10:03	9.5812	7.7025	0.1969
13:10:13	9.5604	7.7316	0.2029
13:10:23	9.4342	7.8298	0.2017
13:10:33	9.3218	7.9001	0.213
13:10:43	9.2361	7.9518	0.2118
13:10:53	9.1903	7.9738	0.1969
13:11:03	9.2152	7.9572	0.1969
13:11:13	9.3027	7.8941	0.2047
13:11:23	9.4075	7.8209	0.2047
13:11:33	9.4747	7.7816	0.2154
13:11:43	9.4557	7.8054	0.2106
13:11:53	9.3866	7.8548	0.2071
13:12:03	9.32	7.8965	0.1868
13:12:13	9.3009	7.906	0.1969
13:12:23	9.3123	7.8977	0.2094
13:12:33	9.3468	7.8751	0.2106
13:12:43	9.3979	7.8358	0.2207
13:12:53	9.417	7.8179	0.2154
13:13:03	9.4479	7.79	0.2047
13:13:13	9.4705	7.7679	0.1969
13:13:23	9.5146	7.7334	0.1969
13:13:33	9.5509	7.7007	0.191
13:13:43	9.589	7.6697	0.1898
13:13:53	9.5985	7.6638	0.1892
13:14:03	9.564	7.6733	0.1868
13:14:13	9.5545	7.6805	0.1898
13:14:23	9.6003	7.6394	0.1898
13:14:33	9.6521	7.6049	0.1898
13:14:43	9.7491	7.537	0.1898
13:14:53	9.8407	7.4906	0.1868
13:15:03	9.8598	7.5019	0.1743
13:15:13	9.833	7.5305	0.1821
13:15:23	9.8157	7.5549	0.1797
13:15:33	9.7568	7.6007	0.1844
13:15:43	9.7092	7.6424	0.188
13:15:53	9.736	7.6192	0.1821
13:16:03	9.833	7.5519	0.1898
13:16:13	9.9514	7.465	0.1969
13:16:23	10.0526	7.396	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:16:33	10.0793	7.3781	0.1898
13:16:43	10.0639	7.3972	0.1969
13:16:53	10.0353	7.4085	0.1892
13:17:03	9.9764	7.4519	0.1969
13:17:13	9.9359	7.4757	0.1969
13:17:23	9.9591	7.4567	0.1922
13:17:33	10.0484	7.3853	0.1969
13:17:43	10.1609	7.3127	0.1969
13:17:53	10.2793	7.2288	0.1898
13:18:03	10.3174	7.2109	0.1969
13:18:13	10.2757	7.2555	0.1969
13:18:23	10.2144	7.3127	0.1969
13:18:33	10.1323	7.3752	0.2047
13:18:43	10.0829	7.4079	0.213
13:18:53	10.0734	7.4222	0.213
13:19:03	10.1591	7.3627	0.2071
13:19:13	10.2853	7.2805	0.1969
13:19:23	10.3537	7.2508	0.2047
13:19:33	10.371	7.243	0.2047
13:19:43	10.3233	7.3002	0.1844
13:19:53	10.2091	7.3752	0.1821
13:20:03	10.1347	7.4246	0.1821
13:20:13	10.0847	7.4507	0.1969
13:20:23	10.0811	7.4436	0.1969
13:20:33	10.1496	7.3912	0.1969
13:20:43	10.2507	7.3216	0.2029
13:20:53	10.3579	7.2544	0.2047
13:21:03	10.4186	7.224	0.2047
13:21:13	10.4013	7.2419	0.1969
13:21:23	10.3174	7.2996	0.2029
13:21:33	10.2662	7.3246	0.1969
13:21:43	10.2335	7.3406	0.1969
13:21:53	10.2525	7.3276	0.191
13:22:03	10.3293	7.2728	0.1969
13:22:13	10.4513	7.1823	0.188
13:22:23	10.5751	7.1193	0.1821
13:22:33	10.6245	7.1205	0.1743
13:22:43	10.5923	7.1579	0.1898
13:22:53	10.5429	7.1937	0.1969
13:23:03	10.5162	7.2044	0.1969
13:23:13	10.4471	7.2395	0.1797
13:23:23	10.4186	7.252	0.1743
13:23:33	10.4513	7.2175	0.1743
13:23:43	10.531	7.1526	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:23:53	10.659	7.058	0.1969
13:24:03	10.7084	7.024	0.1957
13:24:13	10.6798	7.0538	0.1969
13:24:23	10.5769	7.1282	0.1922
13:24:33	10.4894	7.1913	0.1969
13:24:43	10.4263	7.2347	0.1969
13:24:53	10.4245	7.2371	0.1969
13:25:03	10.4834	7.196	0.1898
13:25:13	10.5846	7.1312	0.1922
13:25:23	10.6935	7.0538	0.2029
13:25:33	10.7774	6.9967	0.1946
13:25:43	10.7792	7.0056	0.1898
13:25:53	10.7298	7.0455	0.191
13:26:03	10.6876	7.0758	0.1969
13:26:13	10.6173	7.1294	0.1821
13:26:23	10.5864	7.1431	0.1821
13:26:33	10.5715	7.1514	0.1898
13:26:43	10.6364	7.099	0.1969
13:26:53	10.7447	7.0258	0.2047
13:27:03	10.8363	6.9812	0.2047
13:27:13	10.8917	6.9675	0.2047
13:27:23	10.8691	6.9943	0.2071
13:27:33	10.8113	7.0342	0.2047
13:27:43	10.7637	7.0621	0.2047
13:27:53	10.6971	7.0972	0.1969
13:28:03	10.6399	7.1246	0.1969
13:28:13	10.659	7.1044	0.2047
13:28:23	10.7465	7.024	0.2047
13:28:33	10.8423	6.9497	0.2047
13:28:43	10.8952	6.9015	0.2255
13:28:53	10.8786	6.9175	0.2154
13:29:03	10.7905	6.9752	0.2106
13:29:13	10.703	7.0389	0.1969
13:29:23	10.6036	7.102	0.2047
13:29:33	10.5769	7.1151	0.2047
13:29:43	10.6173	7.0806	0.2047
13:29:53	10.7221	6.9943	0.2047
13:30:03	10.8137	6.9378	0.1993
13:30:13	10.8881	6.8919	0.2047
13:30:23	10.9185	6.8848	0.2047
13:30:33	10.8822	6.9372	0.213
13:30:43	10.7947	7.0163	0.2154
13:30:53	10.7316	7.0598	0.2071
13:31:03	10.7369	7.0592	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:31:13	10.7697	7.0365	0.2047
13:31:23	10.85	6.977	0.1969
13:31:33	10.9625	6.8884	0.2047
13:31:43	11.0922	6.789	0.2106
13:31:53	11.1285	6.767	0.2047
13:32:03	11.0732	6.8158	0.1969
13:32:13	10.9869	6.8812	0.2047
13:32:23	10.9089	6.9372	0.2047
13:32:33	10.8113	7.0068	0.2047
13:32:43	10.7851	7.0205	0.1922
13:32:53	10.8328	6.9782	0.1946
13:33:03	10.9012	6.9259	0.2047
13:33:13	11.0232	6.8408	0.2029
13:33:23	11.1244	6.7795	0.1969
13:33:33	11.0994	6.8015	0.1922
13:33:43	11.0309	6.855	0.1898
13:33:53	10.922	6.9354	0.1821
13:34:03	10.8381	6.9931	0.1898
13:34:13	10.8	7.0187	0.1969
13:34:23	10.8518	6.9747	0.1993
13:34:33	10.9833	6.8836	0.1993
13:34:43	11.1339	6.7741	0.1969
13:34:53	11.2809	6.6747	0.1969
13:35:03	11.3207	6.6723	0.1969
13:35:13	11.2844	6.7182	0.1969
13:35:23	11.2368	6.7586	0.2047
13:35:33	11.1684	6.8128	0.213
13:35:43	11.1089	6.8556	0.213
13:35:53	11.1244	6.8419	0.213
13:36:03	11.1702	6.808	0.2207
13:36:13	11.2505	6.739	0.2207
13:36:23	11.3457	6.6658	0.2207
13:36:33	11.3856	6.6509	0.2231
13:36:43	11.3493	6.686	0.2207
13:36:53	11.2773	6.7461	0.2231
13:37:03	11.172	6.8241	0.1969
13:37:13	11.1184	6.8556	0.1969
13:37:23	11.1434	6.8372	0.2082
13:37:33	11.2029	6.7836	0.2047
13:37:43	11.3035	6.7069	0.213
13:37:53	11.4219	6.617	0.2279
13:38:03	11.4564	6.6039	0.2207
13:38:13	11.4279	6.6313	0.213
13:38:23	11.3457	6.6973	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:38:33	11.2696	6.7562	0.213
13:38:43	11.222	6.7878	0.213
13:38:53	11.2196	6.7723	0.2207
13:39:03	11.2963	6.7128	0.2219
13:39:13	11.4047	6.6253	0.2279
13:39:23	11.51	6.5551	0.2279
13:39:33	11.5749	6.5105	0.2207
13:39:43	11.5362	6.5474	0.2231
13:39:53	11.4427	6.6259	0.2207
13:40:03	11.3571	6.692	0.2154
13:40:13	11.2714	6.7479	0.213
13:40:23	11.2386	6.7783	0.213
13:40:33	11.2981	6.7211	0.213
13:40:43	11.3743	6.6622	0.2207
13:40:53	11.4505	6.6045	0.2178
13:41:03	11.529	6.5474	0.213
13:41:13	11.51	6.5741	0.213
13:41:23	11.4487	6.6241	0.213
13:41:33	11.3207	6.7164	0.2106
13:41:43	11.216	6.7973	0.2207
13:41:53	11.191	6.8098	0.2231
13:42:03	11.241	6.764	0.238
13:42:13	11.3362	6.6854	0.2356
13:42:23	11.4374	6.6099	0.2303
13:42:33	11.4945	6.5753	0.2416
13:42:43	11.491	6.5855	0.2439
13:42:53	11.4124	6.6485	0.2356
13:43:03	11.313	6.7146	0.2279
13:43:13	11.2523	6.7568	0.2196
13:43:23	11.2904	6.7146	0.2338
13:43:33	11.3707	6.6503	0.2279
13:43:43	11.4737	6.567	0.2279
13:43:53	11.5308	6.5158	0.213
13:44:03	11.5421	6.5152	0.2207
13:44:13	11.4713	6.5837	0.2207
13:44:23	11.3588	6.6622	0.2279
13:44:33	11.2446	6.7562	0.2279
13:44:43	11.1815	6.7997	0.2356
13:44:53	11.1624	6.8128	0.2231
13:45:03	11.2101	6.7687	0.213
13:45:13	11.2791	6.7122	0.213
13:45:23	11.3517	6.667	0.2207
13:45:33	11.3493	6.6634	0.2255
13:45:43	11.3207	6.6944	0.2291



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:45:53	11.26	6.7455	0.2279
13:46:03	11.1779	6.808	0.2118
13:46:13	11.1357	6.8378	0.2279
13:46:23	11.1035	6.8634	0.2196
13:46:33	11.0613	6.8806	0.2196
13:46:43	11.0898	6.8556	0.2154
13:46:53	11.0994	6.8431	0.2196
13:47:03	11.0845	6.8443	0.2118
13:47:13	11.069	6.8318	0.2094
13:47:23	11.1035	6.8092	0.2303
13:47:33	11.1321	6.783	0.2279

**Start Bias Calibration**

13:47:43	11.1571	6.7717	0.7873
13:47:53	1.4729	0.5945	0.4225
13:48:03	0.6927	0.4707	0.1089
13:48:13	0.3987	0.2547	0.0702
13:48:23	0.1279	0.1148	0.0618
13:48:33	0.0327	0.0642	0.0708
13:48:43	0.0041	0.0505	0.0571
13:48:53	-0.0054	0.0446	0.0493
13:49:03	-0.0078	0.041	0.0458

**Zero Bias**

13:49:13	0.0059	0.0482	0.2142
13:49:23	13.6101	0.532	7.8423
13:49:33	19.0877	0.0922	14.7718
13:49:43	19.5228	0.1797	14.9503
13:49:53	20.0167	0.1041	14.9652
13:50:03	20.2494	0.0589	14.9813
13:50:13	20.3294	0.0428	14.9896
13:50:23	20.3506	0.038	14.9848
13:50:33	20.3546	0.0357	14.9896

**THC Mid Bias**

13:50:43	20.3601	0.0345	14.9813
13:50:53	20.3355	0.0374	12.0593
13:51:03	11.9349	6.6229	0.9492
13:51:13	11.0994	6.7152	0.3469
13:51:23	11.1131	6.7104	0.3112
13:51:33	10.972	6.8199	0.2898

**Resume Run 5B**

13:51:43	10.8708	6.8836	0.2898
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24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:51:53	10.7316	6.9949	0.2689
13:52:03	10.5733	7.1014	0.2588
13:52:13	10.3596	7.2597	0.2564
13:52:23	10.2412	7.3329	0.2493
13:52:33	10.2127	7.3406	0.2356
13:52:43	10.2966	7.2716	0.2356
13:52:53	10.4436	7.1615	0.2392
13:53:03	10.5769	7.0639	0.2178
13:53:13	10.6286	7.0246	0.2255
13:53:23	10.5465	7.0967	0.2279
13:53:33	10.4203	7.1853	0.2279
13:53:43	10.2603	7.2889	0.2196
13:53:53	10.2353	7.2924	0.2196
13:54:03	10.2757	7.2502	0.213
13:54:13	10.3692	7.1728	0.2207
13:54:23	10.4703	7.0919	0.2207
13:54:33	10.5233	7.0419	0.2154
13:54:43	10.4245	7.1187	0.2094
13:54:53	10.2204	7.2585	0.213
13:55:03	10.0103	7.4031	0.2047
13:55:13	9.8502	7.4972	0.2017
13:55:23	9.8104	7.518	0.2118
13:55:33	9.8711	7.4656	0.2142
13:55:43	9.9645	7.4031	0.2106
13:55:53	10.0698	7.3299	0.2094
13:56:03	10.1347	7.2889	0.213
13:56:13	10.1002	7.3121	0.213
13:56:23	9.9722	7.4043	0.2071
13:56:33	9.8598	7.4775	0.2094
13:56:43	9.7532	7.5406	0.213
13:56:53	9.7645	7.5263	0.2118
13:57:03	9.8538	7.4561	0.2029
13:57:13	9.9835	7.3662	0.2047
13:57:23	10.0889	7.2924	0.2196
13:57:33	10.146	7.2514	0.2154
13:57:43	10.1097	7.2865	0.2118
13:57:53	9.9835	7.3728	0.2118
13:58:03	9.8901	7.443	0.2047
13:58:13	9.8538	7.4698	0.2047
13:58:23	9.8847	7.4573	0.2047
13:58:33	10.0181	7.3722	0.2142
13:58:43	10.1859	7.2561	0.213
13:58:53	10.3293	7.1615	0.2178
13:59:03	10.3442	7.1597	0.2196

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:59:13	10.2353	7.2436	0.2071
13:59:23	10.1174	7.3317	0.2047
13:59:33	10.0008	7.4073	0.1969
13:59:43	9.9341	7.4507	0.2047
13:59:53	9.9454	7.4406	0.1969
14:00:03	10.0544	7.3537	0.2047
14:00:13	10.1686	7.2728	0.213
14:00:23	10.2412	7.2216	0.2178
14:00:33	10.2335	7.2353	0.2154
14:00:43	10.0716	7.3555	0.2047
14:00:53	9.9341	7.4484	0.2071
14:01:03	9.7985	7.543	0.213
14:01:13	9.7758	7.5489	0.2047
14:01:23	9.8252	7.518	0.213
14:01:33	9.9895	7.4013	0.2279
14:01:43	10.1668	7.2799	0.2356
14:01:53	10.2793	7.2056	0.2315
14:02:03	10.2811	7.2151	0.2196
14:02:13	10.1686	7.2978	0.2196
14:02:23	10.0276	7.4043	0.2196
14:02:33	9.9687	7.4347	0.2071
14:02:43	9.9782	7.4269	0.2029
14:02:53	10.0752	7.3555	0.2047
14:03:03	10.2109	7.2645	0.2047
14:03:13	10.3977	7.13	0.213
14:03:23	10.5715	7.0151	0.2118
14:03:33	10.6608	6.9645	0.2118
14:03:43	10.7602	6.9128	0.2118
14:03:53	10.8363	6.8723	0.213
14:04:03	10.8952	6.8366	0.2071
14:04:13	10.9798	6.786	0.2041
14:04:23	11.1208	6.6801	0.2047
14:04:33	11.2654	6.5801	0.213
14:04:43	11.4201	6.467	0.2118
14:04:53	11.5136	6.4069	0.213
14:05:03	11.5421	6.401	0.213
14:05:13	11.466	6.4712	0.2094
14:05:23	11.3571	6.5694	0.213
14:05:33	11.3059	6.6099	0.213
14:05:43	11.3285	6.5968	0.213
14:05:53	11.4011	6.5414	0.2178
14:06:03	11.5076	6.4629	0.2154
14:06:13	11.6588	6.3468	0.2196
14:06:23	11.8647	6.1962	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:06:33	12.0438	6.0748	0.2196
14:06:43	12.1051	6.0469	0.2207
14:06:53	12.1182	6.0499	0.2207
14:07:03	12.1087	6.0713	0.2196
14:07:13	12.189	6.007	0.2196
14:07:23	12.311	5.9112	0.2279
14:07:33	12.4235	5.8219	0.2356
14:07:43	12.5437	5.7368	0.2356
14:07:53	12.6217	5.6523	0.2356
14:08:03	12.5895	5.6839	0.2196
14:08:13	12.4824	5.7761	0.2118
14:08:23	12.3699	5.8725	0.1969
14:08:33	12.2973	5.9374	0.1993
14:08:43	12.2729	5.9665	0.2047
14:08:53	12.2765	5.9743	0.2196
14:09:03	12.3223	5.9409	0.2196
14:09:13	12.2938	5.9582	0.2154
14:09:23	12.1432	6.0504	0.2047
14:09:33	11.8819	6.2373	0.2047
14:09:43	11.5576	6.4635	0.2047
14:09:53	11.2237	6.6908	0.1922
14:10:03	10.9393	6.8723	0.2017
14:10:13	10.8042	6.9503	0.2047
14:10:23	10.806	6.9235	0.1969
14:10:33	10.8935	6.8527	0.1969
14:10:43	11.0137	6.7592	0.2047
14:10:53	11.094	6.7069	0.2207
14:11:03	11.0559	6.7378	0.2047
14:11:13	10.8881	6.855	0.1969
14:11:23	10.7661	6.9378	0.1821
14:11:33	10.6459	7.0104	0.1821
14:11:43	10.5786	7.0538	0.1898
14:11:53	10.6269	7.0098	0.191
14:12:03	10.7179	6.9354	0.2017
14:12:13	10.8113	6.8717	0.2047
14:12:23	10.8345	6.8622	0.2207
14:12:33	10.7947	6.9092	0.2154
14:12:43	10.7012	6.9842	0.2118
14:12:53	10.5691	7.0746	0.2017
14:13:03	10.4531	7.1585	0.1969
14:13:13	10.371	7.2067	0.1969
14:13:23	10.409	7.1681	0.1898
14:13:33	10.5066	7.0961	0.1969
14:13:43	10.6417	6.9985	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:13:53	10.6876	6.977	0.2047
14:14:03	10.6036	7.0508	0.2047
14:14:13	10.4894	7.127	0.1969
14:14:23	10.3745	7.2163	0.1993
14:14:33	10.3025	7.2639	0.1969
14:14:43	10.243	7.3049	0.1969
14:14:53	10.2454	7.302	0.1969
14:15:03	10.287	7.2704	0.191
14:15:13	10.3745	7.2002	0.1898
14:15:23	10.4132	7.1841	0.1898
14:15:33	10.3233	7.2383	0.1821
14:15:43	10.1633	7.3424	0.1761
14:15:53	9.9627	7.4734	0.1821
14:16:03	9.7532	7.5954	0.1743
14:16:13	9.5586	7.7078	0.1743
14:16:23	9.5146	7.7072	0.1868
14:16:33	9.5182	7.687	0.1821
14:16:43	9.5681	7.6453	0.1821
14:16:53	9.5908	7.6299	0.1821
14:17:03	9.467	7.7275	0.1898
14:17:13	9.3426	7.8191	0.1892
14:17:23	9.1676	7.9316	0.1892
14:17:33	9.0242	8.0215	0.1969
14:17:43	8.9403	8.075	0.1898
14:17:53	8.9957	8.0334	0.1898
14:18:03	9.0605	7.9929	0.1969
14:18:13	9.129	7.9548	0.1898
14:18:23	9.1748	7.9352	0.1969
14:18:33	9.1272	7.9768	0.2047
14:18:43	9.0147	8.0619	0.2047
14:18:53	8.8641	8.1684	0.2017
14:19:03	8.7957	8.2083	0.1993
14:19:13	8.7534	8.2375	0.2094
14:19:23	8.8165	8.1893	0.213
14:19:33	8.9611	8.0923	0.213
14:19:43	9.1081	7.9977	0.213
14:19:53	9.2075	7.9405	0.1969
14:20:03	9.198	7.9631	0.2047
14:20:13	9.1426	8.0155	0.2142
14:20:23	9.0379	8.0941	0.2207
14:20:33	8.9992	8.1208	0.2207
14:20:43	9.026	8.0994	0.213
14:20:53	9.1176	8.0334	0.188
14:21:03	9.2206	7.9625	0.1946

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:21:13	9.32	7.8929	0.1969
14:21:23	9.2873	7.9262	0.1969
14:21:33	9.1962	7.9911	0.1898
14:21:43	9.0546	8.0863	0.1969
14:21:53	8.9653	8.1333	0.1898
14:22:03	8.8963	8.178	0.1898
14:22:13	8.9326	8.1411	0.1898
14:22:23	8.9921	8.1012	0.1969
14:22:33	9.0718	8.0429	0.1969
14:22:43	9.1176	8.0155	0.1969
14:22:53	9.1004	8.0381	0.1969
14:23:03	9.0433	8.0869	0.2047
14:23:13	8.9177	8.1679	0.213
14:23:23	8.8296	8.2113	0.2106
14:23:33	8.7933	8.2297	0.2047
14:23:43	8.8433	8.1887	0.2082
14:23:53	8.9611	8.1024	0.1898
14:24:03	9.1123	7.9965	0.2047
14:24:13	9.2896	7.8733	0.2047
14:24:23	9.3884	7.8144	0.213
14:24:33	9.4134	7.8084	0.2154
14:24:43	9.3884	7.8322	0.2118
14:24:53	9.3521	7.8643	0.2303
14:25:03	9.3563	7.8626	0.2279
14:25:13	9.4342	7.8084	0.2207
14:25:23	9.564	7.7215	0.2207
14:25:33	9.711	7.6299	0.2279
14:25:43	9.7699	7.6079	0.2279
14:25:53	9.7187	7.662	0.2279
14:26:03	9.6788	7.7037	0.2267
14:26:13	9.614	7.7626	0.2231
14:26:23	9.5527	7.8054	0.2279
14:26:33	9.5205	7.8304	0.2047
14:26:43	9.5812	7.7882	0.2047
14:26:53	9.6556	7.7376	0.2196
14:27:03	9.7818	7.6572	0.2196
14:27:13	9.8788	7.5965	0.2196
14:27:23	9.8675	7.6209	0.2196
14:27:33	9.8348	7.6453	0.2178
14:27:43	9.7568	7.6995	0.213
14:27:53	9.7241	7.7197	0.2196
14:28:03	9.7378	7.7156	0.2207
14:28:13	9.8104	7.6561	0.2196
14:28:23	9.9151	7.5775	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:28:33	10.0198	7.5001	0.2047
14:28:43	10.0353	7.4924	0.2047
14:28:53	9.9341	7.5626	0.2047
14:29:03	9.7794	7.6644	0.2047
14:29:13	9.5848	7.7911	0.2047
14:29:23	9.4842	7.8429	0.1969
14:29:33	9.4194	7.8757	0.1969
14:29:43	9.442	7.8513	0.2047
14:29:53	9.4973	7.8007	0.2047
14:30:03	9.5432	7.7656	0.213
14:30:13	9.467	7.8269	0.1993
14:30:23	9.3105	7.9352	0.1969
14:30:33	9.1444	8.0506	0.1969
14:30:43	8.9635	8.1601	0.1821
14:30:53	8.8201	8.2387	0.1809
14:31:03	8.807	8.2327	0.1785
14:31:13	8.8772	8.1833	0.1898
14:31:23	9.0111	8.0899	0.1946
14:31:33	9.1385	8.0155	0.1969
14:31:43	9.173	8.003	0.1993
14:31:53	9.1557	8.0316	0.213
14:32:03	9.1046	8.0792	0.213
14:32:13	9.0165	8.1357	0.213
14:32:23	8.9802	8.1625	0.213
14:32:33	9.0683	8.1036	0.2196
14:32:43	9.173	8.028	0.2207
14:32:53	9.3236	7.9143	0.213
14:33:03	9.4265	7.8536	0.2219
14:33:13	9.4384	7.8542	0.2118
14:33:23	9.3735	7.903	0.2142
14:33:33	9.2896	7.9619	0.2041
14:33:43	9.1825	8.0262	0.1993
14:33:53	9.1099	8.0697	0.2017
14:34:03	9.1141	8.0625	0.1969
14:34:13	9.1653	8.022	0.1898
14:34:23	9.2682	7.9489	0.1892
14:34:33	9.3468	7.8941	0.1898
14:34:43	9.3581	7.8917	0.1898
14:34:53	9.2515	7.9655	0.1898
14:35:03	9.1367	8.0411	0.1969
14:35:13	9.032	8.097	0.2017
14:35:23	8.9653	8.1333	0.1969
14:35:33	9.0189	8.0911	0.2005
14:35:43	9.1063	8.0304	0.1809

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:35:53	9.2325	7.9375	0.1946
14:36:03	9.3545	7.8632	0.2047
14:36:13	9.3908	7.8358	0.213
14:36:23	9.3521	7.8762	0.2118
14:36:33	9.2896	7.9191	0.213
14:36:43	9.2533	7.9506	0.2047
14:36:53	9.2777	7.9352	0.2041
14:37:03	9.3813	7.8667	0.2047
14:37:13	9.4973	7.79	0.2047
14:37:23	9.6538	7.6757	0.2118
14:37:33	9.7336	7.6305	0.2118
14:37:43	9.6747	7.6858	0.1969
14:37:53	9.5812	7.7513	0.2255
14:38:03	9.4801	7.8221	0.2196
14:38:13	9.3831	7.881	0.219
14:38:23	9.3408	7.9054	0.2047
14:38:33	9.3831	7.8673	0.2047
14:38:43	9.4515	7.8084	0.2047
14:38:53	9.5509	7.7441	0.2047
14:39:03	9.5812	7.7245	0.2059
14:39:13	9.4801	7.8126	0.2207
14:39:23	9.3616	7.9036	0.2207
14:39:33	9.2266	7.9977	0.1969
14:39:43	9.1385	8.0601	0.2047
14:39:53	9.1236	8.0601	0.2196
14:40:03	9.2188	7.9929	0.213
14:40:13	9.3486	7.9024	0.213
14:40:23	9.5033	7.7995	0.2178
14:40:33	9.5777	7.7614	0.2291
14:40:43	9.5562	7.7894	0.2279
14:40:53	9.5241	7.8185	0.213
14:41:03	9.4342	7.8762	0.2047
14:41:13	9.3813	7.9221	0.2047
14:41:23	9.4152	7.8899	0.2047
14:41:33	9.4705	7.8483	0.2196
14:41:43	9.5812	7.7614	0.2279
14:41:53	9.6634	7.6977	0.2279
14:42:03	9.6158	7.737	0.2279
14:42:13	9.4705	7.8358	0.2279
14:42:23	9.3164	7.9304	0.2207
14:42:33	9.173	8.025	0.2207
14:42:43	9.1046	8.0619	0.2279
14:42:53	9.0873	8.0631	0.2356
14:43:03	9.1504	8.0209	0.2392



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:43:13	9.2325	7.9602	0.2356
14:43:23	9.2855	7.9298	0.2207
14:43:33	9.2664	7.9566	0.213
14:43:43	9.1903	8.0304	0.213
14:43:53	9.1331	8.0786	0.2207
14:44:03	9.0891	8.1089	0.2207
14:44:13	9.0569	8.1327	0.2178
14:44:23	9.1504	8.0655	0.2207
14:44:33	9.295	7.9602	0.2207
14:44:43	9.442	7.8626	0.2231
14:44:53	9.5562	7.784	0.213
14:45:03	9.5735	7.7792	0.213
14:45:13	9.4991	7.8376	0.2207
14:45:23	9.4325	7.8762	0.2291
14:45:33	9.364	7.9274	0.2231
14:45:43	9.3295	7.9619	0.2291
14:45:53	9.3123	7.9857	0.2207
14:46:03	9.3123	7.9994	0.2207
14:46:13	9.3218	8.0078	0.213
14:46:23	9.3105	8.0363	0.2255
14:46:33	9.2759	8.0816	0.2368
14:46:43	9.2629	8.1048	0.2439
14:46:53	9.3123	8.0857	0.2356
14:47:03	9.3521	8.0673	0.2439
14:47:13	9.4003	8.0351	0.2356
14:47:23	9.3771	8.0613	0.2416
14:47:33	9.2629	8.1512	0.2439
14:47:43	9.1349	8.2399	0.2356
14:47:53	9.0111	8.3291	0.2356
14:48:03	8.9802	8.344	0.2439
14:48:13	9.0284	8.2994	0.2439
14:48:23	9.1426	8.2184	0.2541
14:48:33	9.2759	8.1131	0.2541
14:48:43	9.3849	8.0345	0.2439
14:48:53	9.4021	8.0143	0.2493
14:49:03	9.3616	8.047	0.2517
14:49:13	9.2777	8.1048	0.2517
14:49:23	9.1867	8.1619	0.2517
14:49:33	9.1712	8.1679	0.2517
14:49:43	9.2759	8.0869	0.2517
14:49:53	9.4289	7.9857	0.2439
14:50:03	9.5658	7.8887	0.2517
14:50:13	9.6592	7.8161	0.2439
14:50:23	9.5908	7.8685	0.2356

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:50:33	9.4557	7.9596	0.2356
14:50:43	9.3331	8.0363	0.2279
14:50:53	9.2325	8.0917	0.2356
14:51:03	9.2129	8.0923	0.2439
14:51:13	9.2551	8.0482	0.2439
14:51:23	9.3372	7.978	0.2439
14:51:33	9.417	7.9197	0.2463
14:51:43	9.442	7.9108	0.2517
14:51:53	9.364	7.9679	0.2475
14:52:03	9.2533	8.0429	0.2517
14:52:13	9.1462	8.1119	0.2517
14:52:23	9.0569	8.1649	0.2493
14:52:33	9.0855	8.1381	0.2517
14:52:43	9.2016	8.0619	0.2517
14:52:53	9.3331	7.9667	0.2439
14:53:03	9.4116	7.9072	0.2356
14:53:13	9.4384	7.8941	0.2439
14:53:23	9.3735	7.9387	0.238
14:53:33	9.2992	7.9756	0.2517
14:53:43	9.2075	8.0322	0.2517
14:53:53	9.1867	8.0363	0.2517
14:54:03	9.2515	7.9834	0.2416
14:54:13	9.3259	7.928	0.238

**Start Bias Calibration**

14:54:23	9.4229	7.8495	0.238
14:54:33	9.4723	7.8138	0.2356
14:54:43	8.8469	2.5423	1.4996
14:54:53	0.6617	0.6022	0.1856
14:55:03	0.4981	0.4159	0.1077
14:55:13	0.21	0.194	0.0815
14:55:23	0.0499	0.0904	0.0654
14:55:33	0.0095	0.0618	0.0493
14:55:43	-0.0054	0.0511	0.0493
14:55:53	-0.0054	0.0446	0.0493
14:56:03	-0.0149	0.041	0.0493

**Zero Bias**

	<b>-0.00857</b>	<b>0.045567</b>	<b>0.0493</b>
14:56:13	0.0059	0.0535	0.2392
14:56:23	8.3107	7.5263	1.4157
14:56:33	18.4663	0.1464	13.0484
14:56:43	19.4064	0.3041	14.8771
14:56:53	19.765	0.2243	14.945
14:57:03	20.1235	0.1071	14.964

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
14:57:13	20.2725	0.0613	14.9848
14:57:23	20.3259	0.0452	14.9973
14:57:33	20.343	0.0398	14.9985
14:57:43	20.345	0.0392	14.9985
<b>THC Mid Bias</b>	<b>20.33797</b>	<b>0.0414</b>	<b>14.9981</b>
14:57:53	20.345	0.038	15.0051
14:58:03	20.3027	0.0553	9.2224
14:58:13	10.409	7.3347	0.5367
14:58:23	9.9306	7.418	0.2803
<b>Resume Run 5B</b>			
14:58:33	9.7758	7.521	0.2517
14:58:43	9.6616	7.5971	0.2439
14:58:53	9.5967	7.6323	0.2517
14:59:03	9.6044	7.6251	0.2463
14:59:13	9.6021	7.6317	0.2439
14:59:23	9.5449	7.6793	0.2255
14:59:33	9.4307	7.7697	0.2196
14:59:43	9.2837	7.8762	0.2207
14:59:53	9.1653	7.9524	0.2118
15:00:03	9.1218	7.981	0.213
15:00:13	9.148	7.9643	0.213
15:00:23	9.2224	7.9239	0.2118
15:00:33	9.3105	7.8679	0.2047
15:00:43	9.3676	7.8382	0.2094
15:00:53	9.3295	7.8786	0.2071
15:01:03	9.2111	7.9727	0.213
15:01:13	9.1081	8.0488	0.1993
15:01:23	9.0796	8.0673	0.1969
15:01:33	9.1522	8.0143	0.2118
15:01:43	9.3355	7.881	0.213
15:01:53	9.5104	7.7614	0.1993
15:02:03	9.6747	7.6442	0.213
15:02:13	9.8181	7.5382	0.213
15:02:23	9.8467	7.5275	0.2047
15:02:33	9.7758	7.5763	0.2071
15:02:43	9.7264	7.6061	0.213
15:02:53	9.6806	7.6346	0.2047
15:03:03	9.6497	7.643	0.1969
15:03:13	9.6997	7.6007	0.1898
15:03:23	9.7949	7.5323	0.1969
15:03:33	9.9115	7.4466	0.1993
15:03:43	10.0008	7.3859	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:03:53	9.9877	7.3972	0.2047
15:04:03	9.8615	7.4906	0.2041
15:04:13	9.7205	7.5918	0.1946
15:04:23	9.5622	7.6924	0.1898
15:04:33	9.4896	7.7334	0.1892
15:04:43	9.5128	7.7114	0.1969
15:04:53	9.6044	7.6453	0.1969
15:05:03	9.7663	7.537	0.1969
15:05:13	9.8943	7.4478	0.2047
15:05:23	9.9246	7.4406	0.1969
15:05:33	9.9228	7.4513	0.213
15:05:43	9.8484	7.5025	0.2196
15:05:53	9.736	7.5829	0.2094
15:06:03	9.6842	7.6162	0.2047
15:06:13	9.7455	7.5626	0.2047
15:06:23	9.8996	7.4501	0.2118
15:06:33	10.0294	7.3746	0.213
15:06:43	10.1496	7.2907	0.2279
15:06:53	10.2222	7.2454	0.2279
15:07:03	10.1746	7.2859	0.2196
15:07:13	10.077	7.3478	0.2196
15:07:23	9.974	7.4162	0.2207
15:07:33	9.9377	7.4377	0.219
15:07:43	9.9704	7.4085	0.2178
15:07:53	10.0829	7.3287	0.2279
15:08:03	10.2049	7.2383	0.2279
15:08:13	10.3233	7.1514	0.2279
15:08:23	10.3501	7.1377	0.2279
15:08:33	10.3001	7.1823	0.2279
15:08:43	10.1514	7.2805	0.2279
15:08:53	9.9835	7.3948	0.2207
15:09:03	9.9056	7.443	0.2279
15:09:13	9.877	7.4609	0.2279
15:09:23	9.9877	7.3692	0.2291
15:09:33	10.1442	7.2561	0.2255
15:09:43	10.2662	7.1681	0.2279
15:09:53	10.3674	7.0984	0.2231
15:10:03	10.384	7.0931	0.2291
15:10:13	10.3347	7.1371	0.2279
15:10:23	10.268	7.1889	0.2207
15:10:33	10.1996	7.2365	0.2279
15:10:43	10.1841	7.2401	0.2207
15:10:53	10.268	7.1758	0.219
15:11:03	10.4073	7.0723	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:11:13	10.5596	6.9669	0.213
15:11:23	10.6917	6.8687	0.213
15:11:33	10.684	6.889	0.213
15:11:43	10.5596	7.002	0.2047
15:11:53	10.434	7.0865	0.1969
15:12:03	10.3364	7.1538	0.1922
15:12:13	10.2811	7.1889	0.1868
15:12:23	10.2948	7.1752	0.1969
15:12:33	10.3977	7.0984	0.1892
15:12:43	10.5025	7.0217	0.1969
15:12:53	10.5769	6.961	0.2047
15:13:03	10.5578	6.986	0.2047
15:13:13	10.4358	7.0782	0.2047
15:13:23	10.2888	7.1776	0.2017
15:13:33	10.1365	7.2823	0.1969
15:13:43	10.0579	7.3323	0.2047
15:13:53	10.0508	7.3293	0.2029
15:14:03	10.1591	7.2514	0.2047
15:14:13	10.268	7.1675	0.2118
15:14:23	10.3745	7.0961	0.213
15:14:33	10.3882	7.0967	0.213
15:14:43	10.3269	7.146	0.213
15:14:53	10.1918	7.2365	0.2047
15:15:03	10.0793	7.3109	0.213
15:15:13	10.0317	7.3377	0.2047
15:15:23	10.0579	7.3133	0.213
15:15:33	10.1591	7.2407	0.2118
15:15:43	10.2394	7.1859	0.213
15:15:53	10.2948	7.1437	0.213
15:16:03	10.3293	7.124	0.2047
15:16:13	10.3347	7.1109	0.2118
15:16:23	10.346	7.1014	0.213
15:16:33	10.4132	7.0538	0.2047
15:16:43	10.5102	6.9889	0.2047
15:16:53	10.6417	6.9044	0.2047
15:17:03	10.825	6.7777	0.1969
15:17:13	10.9601	6.6813	0.1969
15:17:23	11.1071	6.5825	0.2047
15:17:33	11.191	6.5259	0.2118
15:17:43	11.1874	6.5533	0.2047
15:17:53	11.0845	6.6432	0.2047
15:18:03	11.0155	6.6997	0.2118
15:18:13	10.9149	6.7729	0.213
15:18:23	10.8917	6.786	0.219

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:18:33	10.9696	6.7199	0.2267
15:18:43	11.0881	6.6348	0.2279
15:18:53	11.2083	6.5426	0.2356
15:19:03	11.3172	6.4646	0.2439
15:19:13	11.3707	6.4373	0.2338
15:19:23	11.3493	6.47	0.2231
15:19:33	11.2999	6.5176	0.2207
15:19:43	11.2005	6.5974	0.213
15:19:53	11.1702	6.6188	0.2207
15:20:03	11.2196	6.573	0.2279
15:20:13	11.3303	6.4938	0.2279
15:20:23	11.4695	6.3903	0.2356
15:20:33	11.5993	6.2968	0.2338
15:20:43	11.6546	6.2641	0.2315
15:20:53	11.5897	6.3206	0.2207
15:21:03	11.4808	6.4093	0.213
15:21:13	11.3684	6.4938	0.2047
15:21:23	11.2844	6.5593	0.1969
15:21:33	11.2291	6.592	0.1969
15:21:43	11.2464	6.5801	0.1969
15:21:53	11.2844	6.5396	0.1969
15:22:03	11.382	6.4414	0.2106
15:22:13	11.4695	6.3849	0.2047
15:22:23	11.485	6.3837	0.213
15:22:33	11.4124	6.4504	0.2047
15:22:43	11.3249	6.517	0.1993
15:22:53	11.2731	6.5468	0.1898
15:23:03	11.2333	6.573	0.1898
15:23:13	11.2672	6.5343	0.2017
15:23:23	11.3517	6.4664	0.2047
15:23:33	11.4505	6.3855	0.2094
15:23:43	11.5421	6.3212	0.2106
15:23:53	11.5802	6.3093	0.2047
15:24:03	11.5517	6.3361	0.2047
15:24:13	11.4927	6.3849	0.1868
15:24:23	11.4392	6.4343	0.1821
15:24:33	11.4451	6.3986	0.1761
15:24:43	11.5308	6.3343	0.1969
15:24:53	11.6623	6.2373	0.1969
15:25:03	11.832	6.1064	0.2047
15:25:13	11.9694	6.0022	0.2047
15:25:23	12.0117	5.982	0.2071
15:25:33	11.9504	6.0374	0.2047
15:25:43	11.8337	6.1308	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:25:53	11.7445	6.1968	0.1981
15:26:03	11.6415	6.2772	0.213
15:26:13	11.5653	6.3284	0.2178
15:26:23	11.5939	6.3016	0.2231
15:26:33	11.6564	6.2528	0.2118
15:26:43	11.729	6.1939	0.2047
15:26:53	11.7861	6.148	0.1969
15:27:03	11.773	6.1802	0.1969
15:27:13	11.7236	6.2224	0.1969
15:27:23	11.6296	6.2986	0.1969
15:27:33	11.5421	6.3617	0.191
15:27:43	11.4927	6.3914	0.2047
15:27:53	11.5326	6.3528	0.2047
15:28:03	11.607	6.2861	0.2047
15:28:13	11.6986	6.1998	0.2047
15:28:23	11.7427	6.1599	0.2017
15:28:33	11.6796	6.2093	0.1898
15:28:43	11.5267	6.3266	0.1969
15:28:53	11.3398	6.47	0.1892
15:29:03	11.1797	6.5825	0.1898
15:29:13	11.0482	6.6801	0.1821
15:29:23	11.0369	6.6777	0.1934
15:29:33	11.0637	6.661	0.1969
15:29:43	11.1511	6.5902	0.1957
15:29:53	11.2464	6.5236	0.1969
15:30:03	11.2273	6.5533	0.1969
15:30:13	11.1529	6.617	0.1969
15:30:23	11.0768	6.6801	0.2047
15:30:33	11.0637	6.6938	0.2047
15:30:43	11.1511	6.6313	0.2047
15:30:53	11.2559	6.5474	0.2118
15:31:03	11.4106	6.4396	0.213
15:31:13	11.563	6.3236	0.2047
15:31:23	11.71	6.2052	0.2118
15:31:33	11.798	6.1528	0.1969
15:31:43	11.8242	6.1421	0.2047
15:31:53	11.8552	6.1338	0.2047
15:32:03	11.8855	6.1231	0.1969
15:32:13	11.9028	6.1094	0.1969
15:32:23	11.9176	6.1016	0.2017
15:32:33	11.9409	6.0778	0.2047
15:32:43	11.9486	6.0582	0.213
15:32:53	11.9331	6.0463	0.2047
15:33:03	11.8665	6.0981	0.2041

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:33:13	11.7195	6.2183	0.1993
15:33:23	11.5552	6.3397	0.1969
15:33:33	11.3457	6.4873	0.191
15:33:43	11.1857	6.5962	0.1957
15:33:53	11.0732	6.6676	0.1892
15:34:03	11.0274	6.6914	0.1892
15:34:13	11.0309	6.6777	0.1892
15:34:23	11.0654	6.6271	0.1892
15:34:33	11.0672	6.6229	0.1892
15:34:43	10.9774	6.6955	0.191
15:34:53	10.8839	6.7676	0.1892
15:35:03	10.7923	6.8449	0.1892
15:35:13	10.659	6.9324	0.1969
15:35:23	10.6096	6.9639	0.2047
15:35:33	10.6227	6.9473	0.2047
15:35:43	10.6435	6.9229	0.2094
15:35:53	10.6626	6.9056	0.2154
15:36:03	10.6626	6.9026	0.2196
15:36:13	10.5786	6.9622	0.2071
15:36:23	10.4757	7.0419	0.2017
15:36:33	10.365	7.1419	0.2047
15:36:43	10.2549	7.2353	0.2118
15:36:53	10.2091	7.277	0.2279
15:37:03	10.262	7.2264	0.2356
15:37:13	10.3596	7.1508	0.2154
15:37:23	10.5043	7.0461	0.1969
15:37:33	10.5864	6.9794	0.1969
15:37:43	10.6036	6.9758	0.2047
15:37:53	10.5923	6.9937	0.2047
15:38:03	10.531	7.0348	0.1969
15:38:13	10.4703	7.0782	0.2118
15:38:23	10.4299	7.105	0.2047
15:38:33	10.4626	7.077	0.1993
15:38:43	10.5043	7.0431	0.2094
15:38:53	10.5542	7.002	0.213
15:39:03	10.5864	6.98	0.2047
15:39:13	10.5769	6.9889	0.2047
15:39:23	10.4834	7.0598	0.1969
15:39:33	10.3805	7.127	0.1969
15:39:43	10.2835	7.1996	0.1922
15:39:53	10.2162	7.2407	0.1821
15:40:03	10.1877	7.2538	0.1868
15:40:13	10.2567	7.1907	0.1969
15:40:23	10.3198	7.1449	0.2047



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:40:33	10.4168	7.0746	0.213
15:40:43	10.4203	7.0723	0.213
15:40:53	10.4073	7.0907	0.2154
15:41:03	10.3864	7.1121	0.213
15:41:13	10.3745	7.1258	0.2154
15:41:23	10.3614	7.1407	0.213
15:41:33	10.3727	7.127	0.213
15:41:43	10.4721	7.0538	0.2279
15:41:53	10.6072	6.9556	0.2279
15:42:03	10.7792	6.8318	0.2178
15:42:13	10.8994	6.7604	0.2106
15:42:23	10.9185	6.761	0.213
15:42:33	10.8786	6.7931	0.2047
15:42:43	10.8232	6.839	0.1969
15:42:53	10.8137	6.8473	0.2047
15:43:03	10.85	6.8205	0.1969
15:43:13	10.9643	6.7378	0.219
15:43:23	11.0768	6.661	0.2207
15:43:33	11.1833	6.5753	0.2279
15:43:43	11.2749	6.5152	0.2207
15:43:53	11.2618	6.5313	0.2207
15:44:03	11.2047	6.586	0.2106
15:44:13	11.0845	6.6854	0.2047
15:44:23	10.9911	6.7473	0.2047
15:44:33	10.9506	6.7646	0.1969
15:44:43	10.9815	6.7372	0.2047
15:44:53	11.0595	6.6747	0.213
15:45:03	11.1624	6.5944	0.213
15:45:13	11.2963	6.489	0.2118
15:45:23	11.338	6.4664	0.213
15:45:33	11.3588	6.451	0.2207
15:45:43	11.3761	6.4426	0.2207
15:45:53	11.4047	6.4254	0.2255
15:46:03	11.3934	6.4593	0.2094
15:46:13	11.4201	6.451	0.2047
15:46:23	11.4374	6.4551	0.2047
15:46:33	11.4868	6.4277	0.2231
15:46:43	11.5457	6.401	0.2279
15:46:53	11.6737	6.3063	0.2291
15:47:03	11.7463	6.2564	0.2291
15:47:13	11.8129	6.2153	0.2207
15:47:23	11.8647	6.1843	0.2142
15:47:33	11.8433	6.2052	0.2207
15:47:43	11.7826	6.2552	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:47:53	11.71	6.3063	0.213
15:48:03	11.632	6.3635	0.2106
15:48:13	11.588	6.3909	0.213
15:48:23	11.5862	6.3807	0.213
15:48:33	11.582	6.3712	0.213
15:48:43	11.5993	6.3444	0.213
15:48:53	11.6183	6.3212	0.213
15:49:03	11.607	6.3242	0.213
15:49:13	11.5308	6.3855	0.213
15:49:23	11.4677	6.4313	0.213
15:49:33	11.4088	6.4712	0.213
15:49:43	11.3916	6.4783	0.2047
15:49:53	11.441	6.4402	0.213
15:50:03	11.5136	6.3778	0.2196
15:50:13	11.607	6.2944	0.2267
15:50:23	11.6754	6.2361	0.2154
15:50:33	11.6754	6.2343	0.2231
15:50:43	11.5784	6.3147	0.2207
15:50:53	11.4332	6.4242	0.2291
15:51:03	11.3077	6.5123	0.2207
15:51:13	11.1988	6.5795	0.2106
15:51:23	11.0827	6.6539	0.2094
15:51:33	11.0059	6.6914	0.213
15:51:43	10.9125	6.7402	0.213
15:51:53	10.8459	6.7646	0.213
15:52:03	10.7506	6.8152	0.2207
15:52:13	10.6245	6.9211	0.2207
15:52:23	10.4721	7.0318	0.2207
15:52:33	10.3442	7.1216	0.2047
15:52:43	10.1936	7.2216	0.2017
15:52:53	10.0984	7.2799	0.1969
15:53:03	10.0121	7.327	0.213
15:53:13	10.0103	7.3186	0.213
15:53:23	10.0865	7.2502	0.2279
15:53:33	10.1365	7.2073	0.213
15:53:43	10.1514	7.2056	0.2267
15:53:53	10.14	7.2311	0.1969
15:54:03	10.1252	7.246	0.2047
15:54:13	10.1079	7.2597	0.2047
15:54:23	10.1287	7.2425	0.2118
15:54:33	10.2162	7.1716	0.2047
15:54:43	10.3043	7.0967	0.2047
15:54:53	10.3977	7.0246	0.2118
15:55:03	10.5138	6.9366	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:55:13	10.4781	6.9699	0.2207
15:55:23	10.3805	7.0425	0.2231
15:55:33	10.2739	7.1181	0.213
15:55:43	10.1841	7.1812	0.2207
15:55:53	10.1591	7.202	0.213
15:56:03	10.2144	7.1675	0.2207
15:56:13	10.287	7.1216	0.2279
15:56:23	10.4108	7.0389	0.2207
15:56:33	10.5138	6.9723	0.2207
15:56:43	10.556	6.9562	0.2207
15:56:53	10.5215	6.9949	0.2207
15:57:03	10.4513	7.0473	0.2279
15:57:13	10.3823	7.0919	0.2291
15:57:23	10.409	7.0734	0.238
15:57:33	10.537	6.9895	0.2416
15:57:43	10.7679	6.8366	0.2439
15:57:53	10.9946	6.6807	0.2439
15:58:03	11.2029	6.5396	0.2439
15:58:13	11.3493	6.4432	0.2517
15:58:23	11.3856	6.4295	0.2475
15:58:33	11.4142	6.4158	0.2493
15:58:43	11.4011	6.4295	0.2451
15:58:53	11.4183	6.4182	0.2439
15:59:03	11.4927	6.3528	0.2517
15:59:13	11.6165	6.2558	0.2439
15:59:23	11.7671	6.1427	0.2368
15:59:33	11.8534	6.0707	0.2291
15:59:43	11.901	6.0391	0.2207
15:59:53	11.8819	6.0546	0.2207
16:00:03	11.8569	6.0826	0.213
16:00:13	11.8986	6.0713	0.213
16:00:23	11.9563	6.0314	0.2106
16:00:33	11.9902	6.0165	0.2059
16:00:43	12.0438	5.9832	0.2106
16:00:53	12.0783	5.957	0.213
16:01:03	12.1295	5.9154	0.213
16:01:13	12.1527	5.9005	0.213
16:01:23	12.1545	5.9005	0.213
16:01:33	12.1277	5.9225	0.213
16:01:43	12.1027	5.9374	0.2207
16:01:53	12.1182	5.9219	0.213
<b>End Run 5B</b>	<b>10.34317</b>	<b>7.204498</b>	<b>0.209734</b>
16:02:03	12.12	5.9261	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:02:13	12.1718	5.8749	0.2047
16:02:23	12.267	5.7957	0.213
16:02:33	12.3509	5.7255	0.213
16:02:43	12.4235	5.669	0.2154
16:02:53	12.4407	5.6583	0.219
16:03:03	12.3812	5.7178	0.213
16:03:13	12.3128	5.766	0.2178
16:03:23	12.2539	5.8166	0.213
16:03:33	12.2212	5.841	0.2207
16:03:43	12.2515	5.8207	0.2207
16:03:53	12.2938	5.7898	0.2207
16:04:03	10.3364	1.1057	0.404
16:04:13	0.7915	0.4427	0.119
16:04:23	0.6867	0.3618	0.0791
16:04:33	0.3624	0.1892	0.0666
16:04:43	0.1487	0.1053	0.0654
16:04:53	0.0517	0.0666	0.0654
16:05:03	0.0208	0.0517	0.0571
16:05:13	0.0077	0.0452	0.0571
16:05:23	0.0095	0.0428	0.0571
16:05:33	0.0327	0.0392	0.0517
16:05:43	0.0595	0.038	0.0571
<b>Zero Bias</b>	<b>0.0339</b>	<b>0.04</b>	<b>0.0553</b>
16:05:53	0.0839	0.0369	0.0583
16:06:03	14.2814	0.0726	0.5974
16:06:13	9.0569	8.3976	0.1374
16:06:23	8.9992	8.9058	0.0827
16:06:33	9.2629	9.0153	0.088
16:06:43	9.3503	9.2141	0.0868
16:06:53	9.364	9.339	0.0952
16:07:03	9.364	9.3962	0.088
16:07:13	9.3616	9.4176	0.0803
16:07:23	9.364	9.4259	0.0803
16:07:33	9.3616	9.4301	0.0868
16:07:43	9.364	9.436	0.0803
16:07:53	9.3694	9.4372	0.0868
<b>O2/CO2 Bias</b>	<b>9.365</b>	<b>9.434433</b>	<b>0.084633</b>
16:08:03	9.6824	9.3063	0.4302
16:08:13	18.9276	1.0848	4.6686
16:08:23	19.5726	0.6165	14.5546
16:08:33	19.91	0.4641	14.9735
16:08:43	20.0953	0.2975	14.9825

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:08:53	20.2267	0.1678	15.0063
16:09:03	20.2972	0.097	15.0063
16:09:13	20.3294	0.0648	15.0146
16:09:23	20.339	0.0511	15.0146
16:09:33	20.345	0.0476	15.0063
<b>THC Mid Bias</b>	<b>20.3378</b>	<b>0.0545</b>	<b>15.01183</b>
16:09:43	20.3486	0.0398	15.0063
16:09:53	20.3546	0.0374	14.995
16:10:03	20.4518	0.0583	6.5497

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 1 of 6
Project Number: 40942525.30-02	Operator <i>KMM</i>
Facility: Unit 2	Condition(s) —
Source: Stack	Run(s) —
	Date 10/7/13

Time	Activity	Analyzer Response						Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC				
1400	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	--	
1612	N <sub>2</sub> Zero	0.0	0.0					
1614	O <sub>2</sub> /CO <sub>2</sub> span 19.2/22.5	22.36	19.20					
1616	O <sub>2</sub> /CO <sub>2</sub> mid 10.1/10.0	10.02	10.06					
1620	O <sub>2</sub> /CO <sub>2</sub> Bias 10.1/10.0	9.95	9.92					6
1622	N <sub>2</sub> Zero Bias	0.01	0.08					6
1627	THC Span Bias 21.3							6
	N <sub>2</sub> Zero Bias							6
1645	Short-check pt 3							6
1655	pt 2	11.26	5.48					6
1706	pt 1	12.57	4.69					6
1716	End Short-Check							6
1720	Zero Bias	0.0	0.05	-0.12				6
1722	O <sub>2</sub> /CO <sub>2</sub> Bias	9.87	9.87	-0.10				6
1723	Propane Bias 21.3			40j				6
1726	N <sub>2</sub> Zero			-0.12				6
1729	THC Span Bias 21	21.35	0.03	21.18				6
1731	Zero Bias							
10/8/13								
740	• N <sub>2</sub> Zero	-0.01	0.04					
742	O <sub>2</sub> /CO <sub>2</sub> Span 19.2/22.5	22.3	19.2					
744	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.0	10.14					
747	Zero Bias	0.08	0.07	0.0				6
750	O <sub>2</sub> /CO <sub>2</sub> Bias 10.1/10.0	9.90	9.97	0.04				6
803	THC Response time							6
1150	Start Run 1A pt 3; 210 pt 2; 1240 pt 1							6
1300	End Run 1A							6
1417	Zero Bias	0.05	0.13	—				6
1421	O <sub>2</sub> /CO <sub>2</sub> Bias	9.86	9.97	—				6
1505	Zero Bias	0.11	0.20	-0.09				6

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

Project:	Veolia - Saugnet, IL	Page	1	of	6
Project Number:	40942525.30-02	Operator	KUM		
Facility:	Unit 2	Condition(s)	—		
Source:	Stack	Run(s)	—		
		Date	10/7/13		

### Calibration Gases

Component(s) <sup>1</sup>	Supplier <sup>2</sup>	Concentration(s)	Cylinder ID
N2	AG	—	EEP443
O2/Air	AL	19.2/22.5	CC189665
Propane	AL	10.1/10.0	CC43355
	AL	21.3	CC111534
	AL	12.9	AL899
	AL	7.58	CC250309
	AL	21.1	APL 4460

<sup>1</sup> Indicate multi-component standards appropriately

<sup>2</sup> Code: AG-Airgas; AL-Air Liquide; S-Scott; P-Praxair

### Instrument Identification

Analyte	Manufacturer <sup>3</sup>	Model Number	Serial Number	Instrument Name
O2/Air	S	1440	01440014393	Waits
THC	T	SIC		ELUS
THC	T	Sii	102344084	D10
THC	T	Sii	0907634808	101013
F-342				

<sup>3</sup> Code: T-Thermo; W-Western; C-California; S-Servomex; O-Omega

### Method Performance Checks

Activity	Method	Criterion	Initials
Span Selection	3A, 6C, 7E, 10	Emissions between 20% and 100% of calibration span	KUM
	25A	Span 1.5-2.5 times the emission limit; if no emission limit, span 1.5-2.5 times expected level	KUM
Calibration Gas Selection	3A, 6C, 7E, 10	Protocol gas; calibration span, 40-60% of calibration span, and <20% of calibration span (or zero gas)	KUM
	25A	Protocol gas: 25-35%, 45-55% and 80-90% of span, zero grade air	KUM
Calibration Error	3A, 6C, 7E, 10	Span gas within ±2.0% of calibration span	KUM
		Mid-range gas within ±2.0% of calibration span	KUM
	25A	Zero gas within ±2.0% of calibration span	KUM
		Low-range gas within 5% of certified value	KUM
Converter Check	7E	≥90% converter efficiency	—
	3A, 6C, 7E, 10	Gas through system agrees with calibration error value for that gas within ±5.0% of calibration span	KUM
Response Time	3A, 6C, 7E, 10, 25A	No criteria, evaluated to determine duration at sample points	KUM
Sample Flow Rate	3A, 6C, 7E, 10	Stable sample flow rate within 10% of flow rate established during system response time check and bias check	KUM
3 Point Stratification Check <sup>2,3</sup>	3A, 6C, 7E, 10	± 5% of mean at each point - single point ± 5-10% of mean at each point - 3 points > ± 10% of mean at each point 12 points	KUM
Post-Test Calibration Drift Check	3A, 6C, 7E, 10	Selected gas reading within ±3.0% of calibration span of pre-test reading	KUM
		Zero gas within ±3.0% of span of pre-test reading	KUM
	25A	Selected gas reading within ±3% of span of previous reading	KUM

<sup>4</sup> The stratification check criteria do not apply to RATA.

<sup>3</sup> The stratification check is not required for stacks or ducts <4 inches in diameter

### Hourly Drift Check (M25A only)

Selected gas reading within ±3% of span of initial reading	Okay (initials)					
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6
Zero gas within ±3% of span of initial reading						

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page <b>2</b> of <b>6</b>
Project Number: 40942525.30-02	Operator <b>LMM</b>
Facility: Unit 2	Condition(s) <b>-</b>
Source: Stack	Run(s) <b>1</b>
	Date <b>10/8/13</b>

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	6 <i>6 Runy 10/8/13</i>
1508	THC Span BIAS 21.3			adj			6
1511	N2 Zero BIAS	0.22	0.10	0.05 adj			6
1515	THC Span BIAS 21.3			adj			6
1516	N2 Zero BIAS	0.38	0.07	-0.25			6
1519	THC Span BIAS 21.3	20.84	0.11	20.98			6
1521	THC Mid BIAS 12.9			12.11 12.50			6
1523	THC Low BIAS 7.58			7.35			6
1540	Start Run 1B						6
1640	END Run 1B						6
1645	N2 Zero BIAS	0.04	0.15	1.62			6
1648	THC Mid BIAS 12.9	19.91	0.13	12.47 12.18			6
1652	N2 Zero BIAS			-0.11			6
1655	N2 Zero BIAS	0.02	0.16	-0.27 0.80			6
1800	THC Mid BIAS 12.9	20.04	0.08	10.40			6
1802	THC Low BIAS 7.58	20.28	0.07	6.61			6
1804	THC Span BIAS 21.3	21.57	0.10	19.38			6
1807	N2 Zero BIAS	0.11	0.08	0.07			6
1809	THC Span BIAS 21.3	21.24	0.08	21.45			6
	<del>THC Mid BIAS</del>						6
1811	N2 Zero BIAS	0.10	0.09	0.01			6
1818	THC Span BIAS 21.3	21.32	0.08	21.24			6
1819	THC Mid BIAS						6
1821	N2 Zero BIAS	0.11	0.08	0.17			6
1824	THC Span BIAS	21.30	0.08	20.99			6
1826	THC Low BIAS	20.29	0.08	7.76			6
1828	THC Mid BIAS 12.9	20.15	0.10	12.86			6
1855	END Run 1B						6
1904	N2 Zero BIAS	-0.01	0.10	1.25			6
1906	O <sub>2</sub> /CO <sub>2</sub> Span BIAS	9.82	9.92	1.69			6
1908	THC Mid BIAS	20.00	0.26	14.40			6

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.



# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page <b>3</b> of <b>6</b>
Project Number: 40942525.30-02	Operator <b>KMM</b>
Facility: Unit 2	Condition(s) <b>-</b>
Source: Stack	Run(s) <b>1B; 2A</b>
	Date <b>10/8/13</b>

Time	Activity	Analyzer Response						Sample Flow Rate	
		O <sub>2</sub>	CO <sub>2</sub>	THC					
<del>Turn on Analyzers<sup>1</sup></del>									
1910	THC low BIAS 7.58	20.24	0.14	10.47				6	
1912	THC Span BIAS 12.6	21.36	0.11	23.22				6	
10/19/13									
717	N <sub>2</sub> zero	-0.02	0.06					/	
720	O <sub>2</sub> /CO <sub>2</sub> span 22.5/19.2	22.49	19.08						
722	O <sub>2</sub> /CO <sub>2</sub> mid 10.1/10.0	10.08	10.08						
724	N <sub>2</sub> zero	0.02	0.12						
733	zero BIAS	0.01	0.06						6
736	O <sub>2</sub> /CO <sub>2</sub> BIAS	10.06	9.94						6
945	Start Run 2A								6
1053	End Run 2A								6
1055	zero BIAS	0.06	0.19						6
1057	O <sub>2</sub> /CO <sub>2</sub>	9.92	9.92						6
1106	N <sub>2</sub> zero BIAS			0.10				6	
1107	THC Span BIAS 21.1			adj				6	
1111	N <sub>2</sub> zero BIAS			0.10				6	
1113	THC Span BIAS 21.1			adj				6	
1114	N <sub>2</sub> zero BIAS	0.21	0.09	0.0				6	
1117	THC Span BIAS 21.1	20.26	0.08	20.57	low pr			6	
1119	THC Mid BIAS 21.1 7.58	20.54	0.09	7.95				6	
1125	<del>Low</del> zero BIAS	0.01	0.08	0.23				6	
1127	THC Span BIAS 21.1	20.28	0.09	21.24				6	
1133	THC Span BIAS 21.1	20.65	0.07	20.60				6	
1135	THC low BIAS 7.58	20.61	0.08	7.5				6	
1140	zero BIAS	0.11	0.08	0.01				6	
1143	THC low BIAS 7.58	20.52	0.11	7.68				6	
1145	THC Span BIAS 21.1	20.43	0.13	20.86				6	
11487	THC Mid BIAS 12.9	19.49	0.13	12.5				6	
1148	N <sub>2</sub> zero BIAS	0.23	0.08	-0.34				6	

Comments

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# CEMS Operation Log

Project Name: Veolia - Sauget, IL	Page <b>4</b> of <b>6</b>
Project Number: 40942525.30-02	Operator <b>KMM</b>
Facility: Unit 2	Condition(s) <b>—</b>
Source: Stack	Run(s) <b>2A 3</b>
	Date <b>10/9/13</b>

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
	Turn on Analyzers <sup>1</sup>						
1200	Start Run 2B						6
1252	N <sub>2</sub> Zero BIAS ; analyzer appears to have been contaminated; showing 834 ppm on zero gas						6
1253	N <sub>2</sub> Zero BIAS	-0.05	0.10	8.85			6
1256	THC Span BIAS 21.1	20.36	0.11	20.314	offscale on data logger		6
1258	THC Low BIAS 7.58	20.57	0.09	17.25			6
1300	THC Mid BIAS 12.9	20.45	0.08	23.55			6
1314	O <sub>2</sub> /CO <sub>2</sub> BIAS	10.12	9.93	9.46			6
10/10/13				THC 2			
0712	N <sub>2</sub> Zero	-0.02	0.04	—			1
714	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.63	19.32	—			1
716	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.16	10.20	—			1
733	Zero BIAS	0.11	0.05	0.01			6
736	O <sub>2</sub> /CO <sub>2</sub> BIAS	9.90	9.82	0.0			6
915	Start Run 3A						6
1023	End Run 3A						6
1025	N <sub>2</sub> Zero BIAS	0.05	0.19	0.06			6
1027	O <sub>2</sub> /CO <sub>2</sub> BIAS	9.88	9.89	-0.11			6
1031	THC Span BIAS 21.1	20.84	0.12	20.9			6
	<del>THC Low BIAS 7.58</del>						6
1035	N <sub>2</sub> Zero BIAS	0.03	0.10	0.10			6
1039	THC Span BIAS 21.1	20.52	0.08	21.00			6
1042	THC Low BIAS 7.58	20.50	0.09	7.79			6
1044	THC Mid BIAS 12.9	20.40	0.10	17.90			6
1047	N <sub>2</sub> Zero BIAS	0.26	0.09	0.09			6
1132	N <sub>2</sub> Zero BIAS	-0.02	0.10	0.10			6
1134	O <sub>2</sub> /CO <sub>2</sub> Span	9.85	9.86	-0.05			6
	THC Mid BIAS <sup>with 10/10/13</sup>			adj			6
1137	THC Span BIAS	20.49	0.09	21.32			6

Comments

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<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

# CEMS Operation Log

Project Name: Veolia -- Sauget, IL	Page <u>5</u> of <u>6</u>
Project Number: 40942525.30-02	Operator <u>KMM</u>
Facility: Unit 2	Condition(s) <u>-</u>
Source: Stack	Run(s) <u>3</u>
	Date <u>10/10/13</u>

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
<del>Turn on Analyzers</del>							
1139	THC Mid Bias 12.9	20.29	0.09	12.66			6
1140	THC Low Bias 7.58	20.91	0.11	7.71			6
1143	N2 Zero Bias	0.59	0.13	0.08			6
1230	Start Run 3B						6
1334	Zero Bias	0.11	0.22	0.01			6
1335	THC Bias 12.9 <span style="font-size: small;">running yesterday</span>	19.20.13	0.14	12.55			6
1444	Zero Bias	0.19	0.28	0.02			6
1446	THC Bias 12.9	20.17	0.13	12.53			6
1540	END Run 3B						6
1543	Zero Bias	0.05	0.20	-0.01			6
1545	O <sub>2</sub> /CO <sub>2</sub> Bias	9.84	9.84	-0.04			6
1547	THC Mid Bias	20.07	0.26	12.49			6
10/11/13							
712	N2 Zero	0.00	0.06	-			11
713	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.44	18.97	-			6
715	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.05	10.03	-			6
720	Zero Bias	0.14	0.08	0.03			6
722	O <sub>2</sub> /CO <sub>2</sub> Bias	9.93	9.83	-0.04			6
733	Zero Bias	0.16	0.09	0.07			6
735	THC Span Bias 21.1	20.25	0.08	21.05			6
736	THC Low Bias 7.58	20.44	0.08	7.66			6
739	THC Mid Bias 12.9	20.33	0.07	12.57			6
837	N2 Zero Bias	0.16	0.06	0.05			6
841	THC Mid Bias 12.9	20.16	0.06	12.53			6
913	N2 Zero Bias	0.21	0.08	0.06			6
915	THC Span Bias 21.1	20.07	0.07	20.99			6
917	THC Low Bias 7.58	20.47	0.06	7.64			6
919	THC Mid Bias 12.9	20.35	0.06	12.50			6
0945	Start Run 4B						6

Comments

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<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.



# Response Time Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name: Veolia – Sauget, IL  
 Project Number: 40942525.30-02  
 Facility: Unit 2  
 Source: Stack

Operator: KMM  
 Date: 10/7/13  
 Time: 1620

Parameter	O <sub>2</sub>		CO <sub>2</sub>			
	Zero	Upscale	Zero	Upscale	Zero	Upscale
Analyzer Make and Model	SERVO-MEX 1440		SERVO-MEX 1440			
Analyzer Name	WAITS		WAITS			
Analyzer Range	0-25.6		0-20.90			
From	Zero	Upscale	Zero	Upscale	Zero	Upscale
To	Upscale	Zero	Upscale	Zero	Upscale	Zero
Start Time (hh:mm)	1620:00	1623:00	1620:00	1623:00		
15 sec	—	-0.01	—	0.05		
30 sec	9.93	1.64	9.94	1.96		
45 sec	5.81	6.81	1.81	8.86		
60 sec	0.25	9.75	0.26	9.79		
75 sec	0.06	9.87	0.15	9.87		
90 sec	0.03	9.88	0.11	9.90		
105 sec						
120 sec						
135 sec						
150 sec						
165 sec						
180 sec						
195 sec						
Response Time <sup>1</sup>	60	60	60	60		
Analyzer Response Time <sup>2</sup>	60		60			

<sup>1</sup> Time in seconds to reach 95% of final stable value.

<sup>2</sup> Greater of upscale and downscale response time

	Cylinder Number	Actual Value
Upscale	<del>CC 4338</del> <sup>part</sup> 10/7/13	2
Upscale	CC 4338	10.1110.0
Upscale		
Zero	EEP 443	0

# Response Time Determination

**Project Name:** Veolia **THC**  
**Project Number:** 40942525 **Monitor Make/Model:** TECOSI  
**Facility:** Sauget, IL **Monitor Name:** D10  
**Source:** Unit 2 Stack **Operator:** KUMA  
**Date:** 10/2/13 **Instrument Span:** 25  
**Time:** ~~14:00~~ 1808

From	To	System Response														Response Time <sup>1</sup>	
		15 sec	30 sec	45 sec	60 sec	75 sec	90 sec	105 sec	120 sec	135 sec	150 sec	165 sec	180 sec	195 sec	Upscale	Downscale	
Zero	High	0.41	16.94	21.21	21.32										45		
High	Zero	18.61	2.57	0.11	0.04	0.00										45	
Zero	High	0.54	19.21	21.12	21.15										45		
High	Zero	18.9	3.41	0.21	0.16	0.11										45	
Zero	High	0.33	17.8	21.21	21.22										45		
High	Zero	16.91	2.67	0.18	0.14	0.11										45	
Average																45	
System Response Time <sup>2</sup>																	

<sup>1</sup> Time in seconds to reach 95% of final stable value.

<sup>2</sup> Select greater of upscale and downscale response time.

Cylinder Number	Actual Value
High AAR 4460	21.1
Zero EEP 443	0

FDS-05: CEM Response Time  
 Per EM SOP-027  
 Revision Date: August 2012  
 Reviewed: September 2013

# Response Time Determination

Project Name: Veolia Parameter: THC  
 Project Number: 40942525 Monitor Make/Model: TECO S11  
 Facility: Sauget, IL Monitor Name: —  
 Source: Unit 2 Stack Operator: KUYA  
 Date: 0110113 Instrument Span: 25 ppm  
 Time: 741:30 - 7:50

From	To	System Response												Response Time <sup>1</sup>		
		15 sec	30 sec	45 sec	60 sec	75 sec	90 sec	105 sec	120 sec	135 sec	150 sec	165 sec	180 sec	195 sec	Upscale	Downscale
Zero	High	0.30	18.84	21.01	21.05										45	
High	Zero	18.82	2.60	0.11	0.09											45
Zero	High	0.85	20.58	21.06	21.08									30		
High	Zero	19.78	4.92	0.12	0.11										45	
Zero	High	0.07	17.90	21.05	21.07									45		
High	Zero	16.21	1.80	0.12	0.10										45	
Average																
System Response Time <sup>2</sup>															45	

<sup>1</sup> Time in seconds to reach 95% of final stable value.

<sup>2</sup> Select greater of upscale and downscale response time.

	Cylinder Number	Actual Value
High	AKL 4460	21.1
Zero	EE0 4473	0

FDS-05: CEM Response Time  
 Per EM SOP-027  
 Revision Date: August 2012  
 Reviewed: September 2013





# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia
Project Number	40942525
Facility	Sauget
Source	Unit 2 Stack
Parameter	CO2
Units of Measure (ppm or %)	%

Performed by	Initials	kmm
	Date	10/8/2013
Reviewed by	Initials	WDD
	Date	11/13/13

Traverse Points (3 are required)	Concentration	Difference from Mean	Percent Difference from Mean
1	6.23	0.16	2.48
2	6.29	0.10	1.55
3	6.65	0.26	4.03
4			
5			
6			
7			
8			
9			
10			
11			
12			
<b>Mean Concentration of all Traverse Points</b>	6.39		
<b>Maximum Deviation from Mean</b>		0.26	
<b>Maximum Percent Deviation from Mean</b>			4.03
<b>Stratification Test Criteria<sup>1</sup></b>			
Do the concentrations at each traverse point differ from the mean concentration by no more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive)?	YES	<b>Use 1 point</b>	
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive) and by no more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is  $\pm 0.5\%$  CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is  $\pm 0.3\%$  CO<sub>2</sub> or O<sub>2</sub>.

Notes:

**FDS-12S: Stratification Test**  
 Per EM SOP-037  
 Revision Date: May 2012  
 Reviewed: September 2012

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 1 of 2
Project Number: 40942525.30-02	Operator KMM
Facility: Unit 2	Condition(s) 1
Source: Stack	Run(s)
	Date 10/29/13

Time	Activity	Analyzer Response						Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC				
0930	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	--	
1128	N2 Zero Bt	0.00	0.01	—				
1130	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2							
1131	N2 Zero	0.07	0.07	—				
1132	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.47	19.17	—				
1134	O <sub>2</sub> /CO <sub>2</sub> Mid 9.52/9.53	9.55	9.64	—				
1219	N2 Zero Bias	0.00	0.03	0				8
1222	O <sub>2</sub> /CO <sub>2</sub> Bias	9.39	9.52					8
1224	N2 Zero Bias			0.00				8
1225	THC Span Bias 1 Response		2	24.62				8
	N2/THC Cor RT							8
1234	THC Mid Bias 14.8			14.95				8
1236	THC Low Bias 8.43			8.50				8
10/30/13								
830	N2 Zero	0.01	0.01	—				1
832	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.48	19.19	—				1
834	O <sub>2</sub> /CO <sub>2</sub> Mid 9.52/9.53	9.55	9.64	—				1
836	Zero Bias	0.02	0.02	-0.01				1
838	O <sub>2</sub> /CO <sub>2</sub> Bias	9.38	9.45	0.03				1
839	THC Span Bias 24.7	20.45	0.06	24.45				1
841	THC Mid Bias 14.8	20.39	0.02	14.86				1
843	THC Low Bias 8.43	20.49	0.02	8.50				1
1202	Zero Bias	0.04	0.08	0.05				1
1204	O <sub>2</sub> /CO <sub>2</sub> Bias	9.40	9.47	0.07				1
1206	THC Span Bias 24.7	20.51	0.05	24.63				1
1208	THC Mid Bias 14.8	20.45	0.04	14.97				1
1209	THC Low Bias 8.43	20.52	0.05	8.54				1
1210	N2 Zero Bias	0.04	0.04	0.03				1
1215	N2 Zero Bias Start Run SB							1
1348	N2 Zero Bias	0.10	0.09	0.07				1

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

Project:	Veolia - Saugnet, IL	Page	1	of	
Project Number:	40942525.30-02	Operator	LMM		
Facility:	Unit 2	Condition(s)	I		
Source:	Stack	Run(s)	-		
		Date	10/29/13		

### Calibration Gases

Component(s) <sup>1</sup>	Supplier <sup>2</sup>	Concentration(s)	Cylinder ID
N <sub>2</sub>	AG	-	52400193157-1A
O <sub>2</sub> /CO <sub>2</sub>	AL	22.51/19.2	CC189665
THC	AL	9.52/19.53	CC196768
	S	24.7	ACM025456
	S	14.8	ACM028646
	S	8.43	ACM057529

<sup>1</sup> Indicate multi-component standards appropriately

<sup>2</sup> Code: AG-Airgas; AL-Air Liquide; S-Scott; P-Praxair

### Instrument Identification

Analyte	Manufacturer <sup>3</sup>	Model Number	Serial Number	Instrument Name
O <sub>2</sub> /CO <sub>2</sub>	S	1440	01440014393	Waits
THC	T	51i	1210152154	208167-CleanAir

<sup>3</sup> Code: T-Thermo; W-Western; C-California; S-Servomex; O-Omega

## Method Performance Checks

Activity	Method	Criterion	Initials
Span Selection	3A, 6C, 7E, 10	Emissions between 20% and 100% of calibration span	LMM
	25A	Span 1.5-2.5 times the emission limit, if no emission limit, span 1.5-2.5 times expected level	LMM
Calibration Gas Selection	3A, 6C, 7E, 10	Protocol gas; calibration span, 40-60% of calibration span, and <20% of calibration span (or zero gas)	LMM
	25A	Protocol gas: 25-35%, 45-55% and 80-90% of span, zero grade air	LMM
	3A, 6C, 7E, 10	Span gas within ±2.0% of calibration span	LMM
Calibration Error		Mid-range gas within ±2.0% of calibration span	LMM
		Zero gas within ±2.0% of calibration span	LMM
		Low-range gas within 5% of certified value	LMM
	25A	Mid-range gas within 5% of certified value	LMM
Converter Check	7E	Span gas within 5% of certified value	LMM
System Bias Check	3A, 6C, 7E, 10	Gas through system agrees with calibration error value for that gas within ±5.0% of calibration span	LMM
Response Time	3A, 6C, 7E, 10, 25A	No criteria, evaluated to determine duration at sample points	LMM
Sample Flow Rate	3A, 6C, 7E, 10	Stable sample flow rate within 10% of flow rate established during system response time check and bias check	LMM
3 Point Stratification Check <sup>2,3</sup>	3A, 6C, 7E, 10	± 5% of mean at each point - single point ± 5-10% of mean at each point - 3 points > ± 10% of mean at each point 12 points	LMM
Post-Test Calibration Drift Check	3A, 6C, 7E, 10	Selected gas reading within ±3.0% of calibration span of pre-test reading	LMM
	25A	Zero gas within ±3% of span of pre-test reading	LMM

<sup>2</sup> The stratification check criteria do not apply to RATA.

<sup>3</sup> The stratification check is not required for stacks or ducts <4 inches in diameter

### Hourly Drift Check (M25A only)

Selected gas reading within ±3% of span of initial reading	Okay (initials)					
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6
Zero gas within ±3% of span of initial reading	LMM	LMM	LMM	LMM	LMM	LMM



# Response Time Determination - EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name: Veolia - Sauget, IL  
 Project Number: 40942525.30-02  
 Facility: Unit 2  
 Source: Stack

Operator KMM  
 Date: 10/29/13  
 Time 12:19

Parameter	O <sub>2</sub>		CO <sub>2</sub>			
	Zero	Upscale	Zero	Upscale	Zero	Upscale
Analyzer Make and Model	Servomex 1440		Servomex 1440			
Analyzer Name	Watts		Watts			
Analyzer Range	25		20			
From	Zero	Upscale	Zero	Upscale	Zero	Upscale
To	Upscale	Zero	Upscale	Zero	Upscale	Zero
Start Time (hh:mm)	12:19:15	12:22:30	12:19:15	12:22:30		
15 sec	0.83	12.41	0.04	9.31		
30 sec	10.16	0.41	8.86	0.16		
45 sec	9.72	0.02	9.20	0.08		
60 sec	9.66	0.00	9.32	0.06		
75 sec	9.40		9.50			
90 sec	9.37		9.52			
105 sec						
120 sec						
135 sec						
150 sec						
165 sec						
180 sec						
195 sec						
Response Time <sup>1</sup>						
Analyzer Response Time <sup>2</sup>						

<sup>1</sup> Time in seconds to reach 95% of final stable value.

<sup>2</sup> Greater of upscale and downscale response time

	Cylinder Number	Actual Value
Upscale	CC196768	9.52/9.53
Upscale		
Upscale		
Zero	52-400193157-11A	0

# Response Time Determination

Project Name: Veolia THC  
 Project Number: 40942525  
 Facility: Unit 2 Slack  
 Source: Sauget  
 Date: 10/29/13  
 Parameter: TECO 51i  
 Monitor Make/Model: 121 0152154  
 Operator: KUMM  
 Instrument Span: 30  
 Time: 1215

From	To	System Response											Response Time <sup>1</sup>				
		15 sec	30 sec	45 sec	60 sec	75 sec	90 sec	105 sec	120 sec	135 sec	150 sec	165 sec	180 sec	195 sec	Upscale	Downscale	
Zero	High	0.71	23.68	24.60	24.62												
High	Zero	10.61	0.26	0.00	-0.01												
Zero	High	8.74	24.48	24.59	24.60												
High	Zero	8.40	0.38	-0.03	-0.03												
Zero	High	8.55	24.52	24.64	24.60												
High	Zero	8.04	0.10	-0.01	-0.02												
Average																	
System Response Time <sup>2</sup>																	

<sup>1</sup> Time in seconds to reach 95% of final stable value.

<sup>2</sup> Select greater of upscale and downscale response time.

	Cylinder Number	Actual Value
High	A2M025456	24.7
Zero	52-400193157-11A	0

FDS-05: CEM Response Time  
 Per EM SOP-027  
 Revision Date: August 2012  
 Reviewed: September 2013

# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia
Project Number	40942525
Facility	Sauget
Source	Unit 2 Stack
Parameter	CO2
Units of Measure (ppm or %)	%

Performed by	Initials	kmm
	Date	10/8/2013
Reviewed by	Initials	mdd
	Date	11/13/2013

Traverse Points (3 are required)	Concentration	Difference from Mean	Percent Difference from Mean
1	6.23	0.16	2.48
2	6.29	0.10	1.55
3	6.65	0.26	4.03
4			
5			
6			
7			
8			
9			
10			
11			
12			
<b>Mean Concentration of all Traverse Points</b>	6.39		
<b>Maximum Deviation from Mean</b>		0.26	
<b>Maximum Percent Deviation from Mean</b>			4.03
<b>Stratification Test Criteria<sup>1</sup></b>			
Do the concentrations at each traverse point differ from the mean concentration by no more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive)?	YES	<b>Use 1 point</b>	
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive) and by no more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is  $\pm 0.5\%$  CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is  $\pm 0.3\%$  CO<sub>2</sub> or O<sub>2</sub>.

Notes:

*FDS-12S: Stratification Test  
Per EM SOP-037  
Revision Date: May 2012  
Reviewed: September 2012*

**Veolia Unit 2**

Uncorrected Concentrations									
8-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 1A	1150-1300	11.32	6.38						
Run 1B	1540-1855	9.84	7.95				0.68	44.68	1.23

Corrected O <sub>2</sub> Conc.					
8-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1150-1300	11.32	-0.03	1.02	11.56
Run 1B	1540-1855	9.84	0.00	1.02	10.08

Corrected CO <sub>2</sub> Conc.					
8-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1150-1300	6.38	0.07	1.01	6.35
Run 1B	1540-1855	7.95	0.10	1.01	7.95



**Veolia Unit 2  
O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:40	-0.03	0.03	0.1%
span gas	CC189665	22.50	07:42	22.33	0.17	0.7%
mid-range	CC43355	10.10	07:44	10.01	0.09	0.4%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	-0.03	07:48	-0.02	0.0%	14:18	-0.05	-0.1%	-0.1%	C <sub>O</sub> = -0.031 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.018
	10.10	10.01	07:50	9.91	-0.4%	14:21	9.88	-0.6%	-0.1%	
Run 1B	0.00	-0.03	14:18	-0.05	-0.1%	19:03	0.04	0.3%	0.4%	C <sub>O</sub> = -0.002 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.024
	10.10	10.01	14:21	9.88	-0.6%	19:07	9.85	-0.7%	-0.1%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:40	0.04	0.04	0.2%
span gas	CC189665	19.20	07:42	19.23	0.03	0.2%
mid-range	CC43355	10.00	07:44	10.13	0.13	0.7%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	0.04	07:48	0.06	0.1%	14:18	0.09	0.2%	0.1%	C <sub>O</sub> = 0.075 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.008
	10.00	10.13	07:50	10.00	-0.7%	14:21	9.99	-0.7%	-0.1%	
Run 1B	0.00	0.04	14:18	0.09	0.2%	19:03	0.11	0.3%	0.1%	C <sub>O</sub> = 0.098 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.013
	10.00	10.13	14:21	9.99	-0.7%	19:07	9.96	-0.9%	-0.2%	

Veolia Unit 2

THC Calibration Data Summary

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: Dio  
 Span Value: 25.00  
 Analyzer Range 25  
 Units: ppm  
 Technician(s): kmm

EPA Method 25A Calibration Error Test Results

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
Zero	EEP443	0.00	15:16	-0.18	0.18	n/a
Span	CC111534	21.30	15:19	20.98	0.32	1.5%
Mid	AL899	12.90	15:21	12.41	0.49	3.8%
Low	CC250309	7.58	15:23	7.54	0.04	0.5%

Slope 0.9891381  
 Intercept -0.142348

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	mid
--	-----

EPA Method 25A Calibration Drift Tests

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	-0.18	16:52	-0.14	0.2
	12.41	16:48	12.25	-0.7
	-0.18	17:58	-0.63	-1.8
	12.41	18:00	10.40	-8.0

EPA Method 25A Calibration Error Test Results

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
Zero	EEP443	0.00	17:58	-0.63	0.63	n/a
Span	CC111534	21.30	18:04	19.53	1.77	8.3%
Mid	AL899	12.90	18:00	10.40	2.50	19.4%
Low	CC250309	7.58	18:02	6.60	0.98	13.0%

SUMMARY OUTPUT

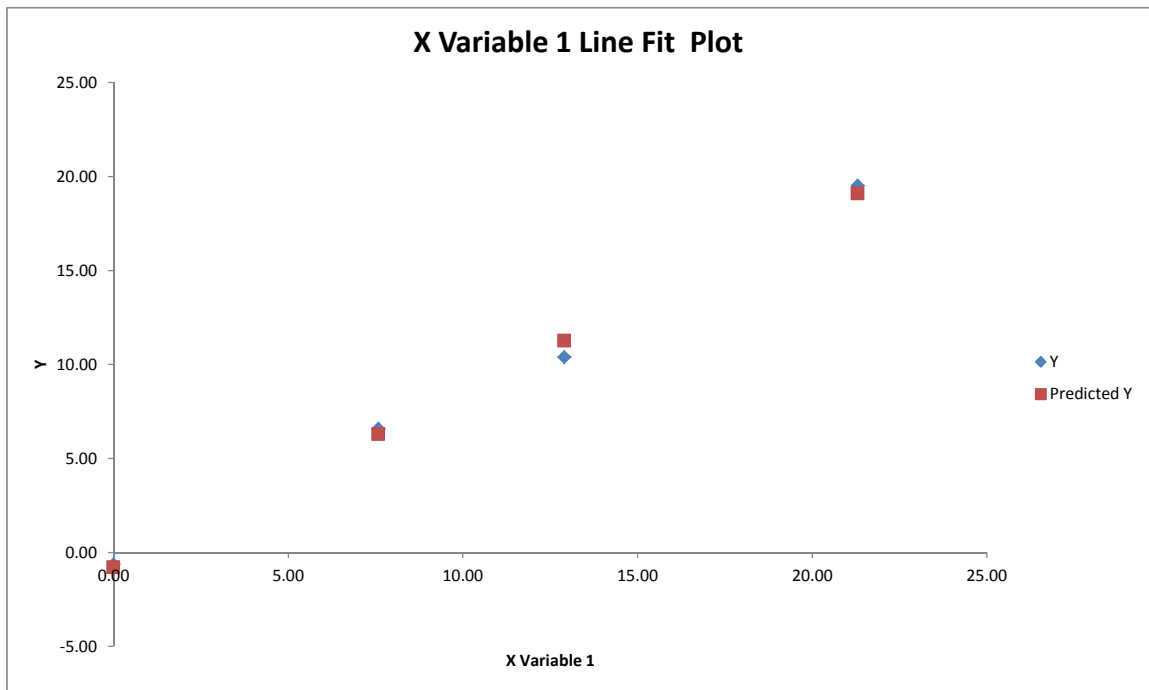
Regression Statistics	
Multiple R	0.99755021
R Square	0.995106422
Adjusted R Square	0.992659634
Standard Error	0.718883594
Observations	4

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	210.1794203	210.1794203	406.6989438	0.00244979
Residual	2	1.033587244	0.516793622		
Total	3	211.2130075			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-0.776977253	0.602482995	-1.2896252	0.326190456	-3.36925236	1.81529785	-3.3692524	1.815298
X Variable 1	0.933552154	0.046291586	20.16677822	0.00244979	0.73437553	1.132728775	0.73437553	1.132729

RESIDUAL OUTPUT

Observation	Predicted Y	Residuals
1	-0.776977253	0.15004392
2	19.10768364	0.41828303
3	11.26584554	-0.864945539
4	6.299348078	0.296618589



Veolia Unit 2

THC Calibration Data Summary

Project ID: 40942525  
 Date: 10/8/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: Dio  
 Span Value: 25.00  
 Analyzer Range: 25  
 Units: ppm  
 Technician(s): kmm

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
Zero	EEP443	0.00	18:21	0.11	0.11	n/a
Span	CC111534	21.30	18:24	21.02	0.28	1.3%
Mid	AL899	12.90	18:28	12.78	0.12	0.9%
Low	CC250309	7.58	18:26	7.92	0.34	4.5%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	mid
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Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	0.11	19:03	1.10	3.9
	12.78	19:09	14.86	8.3
	0.11			-0.4
	12.78			-51.1

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
Zero	EEP443	0.00	19:03	1.10	1.10	n/a
Span	CC111534	21.30	19:13	23.22	1.92	9.0%
Mid	AL899	12.90	19:09	14.86	1.96	15.2%
Low	CC250309	7.58	19:11	10.28	2.70	35.7%

SUMMARY OUTPUT

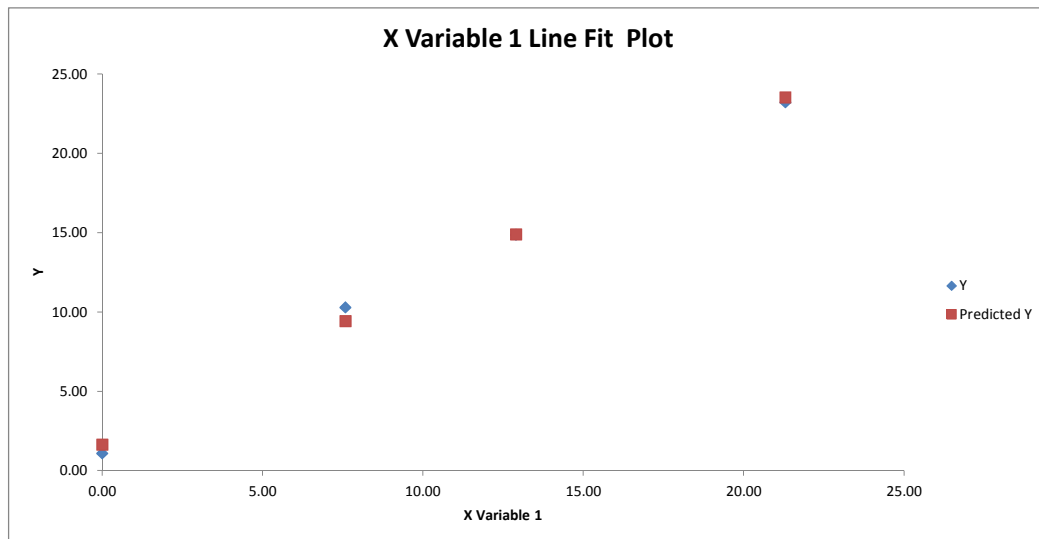
Regression Statistics	
Multiple R	0.99780021
R Square	0.995605259
Adjusted R Square	0.993407888
Standard Error	0.749001305
Observations	4

ANOVA					
	df	SS	MS	F	Significance F
Regression	1	254.1844801	254.1844801	453.089379	0.00219979
Residual	2	1.122005908	0.561002954		
Total	3	255.306486			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.64060787	0.627724089	2.613581188	0.120500072	-1.06027089	4.341486634	-1.0602709	4.341487
X Variable 1	1.026639585	0.048230978	21.28589625	0.00219979	0.81911844	1.234160732	0.81911844	1.234161

RESIDUAL OUTPUT

Observation	Predicted Y	Residuals
1	1.64060787	-0.543474536
2	23.50803103	-0.28896436
3	14.88425851	-0.029125181
4	9.422535923	0.861564077



	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	(%)	(%)	(ppm )		
7:38:53	7.0312	0.0428	1.4068		
7:39:03	0.6028	0.0422	1.3723		
7:39:13	0.0857	0.0422	1.4252		
7:39:23	0.0267	0.0422	1.3961		
7:39:33	0.0095	0.041	1.336		
7:39:43	-0.0018	0.041	1.6127		
7:39:53	-0.0096	0.0404	2.2882		
7:40:03	-0.0173	0.0404	2.1935		
7:40:13	-0.0209	0.0398	1.7311		
7:40:23	-0.0268	0.0434	1.8424		
7:40:33	-0.0286	0.0434	1.4193		
<b>N2 Zero</b>	<b>-0.02543</b>	<b>0.0422</b>	<b>1.664267</b>		
7:40:43	-0.0322	0.0428	1.3265		
7:40:53	-0.0304	0.0428	3.5891		
7:41:03	-0.0078	0.0428	2.2852		
7:41:13	16.1257	18.1451	1.6919		
7:41:23	21.6286	19.058	1.4348		
7:41:33	22.2142	19.1305	1.236		
7:41:43	22.2867	19.1683	1.4276		
7:41:53	22.3058	19.1889	1.3723		
7:42:03	22.3174	19.2035	1.4586		
7:42:13	22.325	19.2186	1.3151		
7:42:23	22.3305	19.2297	1.2533		
7:42:33	22.336	19.2357	1.5318		
7:42:43	22.338	19.2272	1.4949		
<b>O2/CO2 Span</b>	<b>22.33483</b>	<b>19.23087</b>	<b>1.426667</b>		
7:42:53	22.3018	19.1396	1.4276		
7:43:03	22.3018	19.1723	1.3782		
7:43:13	16.8736	10.2668	1.3812		
7:43:23	10.7352	10.1662	1.4175		
7:43:33	10.1037	10.1549	1.2646		
7:43:43	10.0353	10.1472	1.3181		
7:43:53	10.0216	10.14	1.2342		
7:44:03	10.0145	10.1359	1.2295		
7:44:13	10.0085	10.1347	1.2669		
7:44:23	10.005	10.1341	1.3747		
7:44:33	10.0026	10.1323	1.3699		
<b>O2/CO2 Mid</b>	<b>10.00537</b>	<b>10.1337</b>	<b>1.337167</b>		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
7:44:43	9.9895	10.1049	1.383		
7:44:53	9.9877	10.0954	1.2378		
7:45:03	9.9877	10.0918	1.261		
7:45:13	10.0276	10.0305	1.1438		
7:45:23	16.715	0.5159	1.114		
7:45:33	20.2574	0.2017	1.0979		
7:45:43	20.6215	0.1761	1.0938		
7:45:53	20.6502	0.16	1.0664		
7:46:03	20.6522	0.1517	0.0029		
7:46:13	19.3818	0.1481	-0.0102		
7:46:23	4.1128	0.2029	-0.0143		
7:46:33	0.5855	0.0934	-0.0149		
7:46:43	0.1892	0.0868	-0.0209		
7:46:53	0.0898	0.0809	-0.0179		
7:47:03	0.0476	0.0785	-0.0363		
7:47:13	0.0267	0.0755	-0.0221		
7:47:23	0.0113	0.0678	-0.0363		
7:47:33	0.0041	0.0666	-0.0369		
7:47:43	-0.0036	0.0648	-0.0363		
7:47:53	-0.0114	0.0636	-0.0363		
7:48:03	-0.0149	0.0607	-0.0322		
7:48:13	-0.0209	0.0589	0.0011		
<b>Zero Bias</b>	<b>-0.01573</b>	<b>0.061067</b>	<b>-0.02247</b>		
7:48:23	-0.0227	0.0583	0.0011		
7:48:33	-0.0244	0.0559	0.0011		
7:48:43	-0.0286	0.0541	0.2243		
7:48:53	-0.0304	0.0541	0.166		
7:49:03	6.329	0.0886	0.0499		
7:49:13	11.2464	1.0337	0.041		
7:49:23	8.9367	9.517	0.0392		
7:49:33	9.7776	9.8098	0.0392		
7:49:43	9.8675	9.9026	0.0315		
7:49:53	9.8883	9.9466	0.0315		
7:50:03	9.8961	9.9693	0.0345		
7:50:13	9.902	9.9829	0.0363		
7:50:23	9.9056	9.9931	0.0315		
7:50:33	9.9091	9.999	0.0392		
7:50:43	9.9074	10.0026	0.0345		



		O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time		(%)	(%)	(ppm )		
	7:50:53	9.9133	10.0073	0.038		
<b>O2/CO2 Bias</b>		<b>9.909933</b>	<b>10.00297</b>	<b>0.037233</b>		
	7:51:03	9.9091	10.0115	0.9069		
	7:51:13	9.921	9.9657	1.0634		
	11:46:03	10.9833	6.5468	-0.1209		
	11:46:13	10.8744	6.6456	-0.1209		
	11:46:23	10.7084	6.7503	-0.1209		
	11:46:33	10.5905	6.8092	-0.1209		
	11:46:43	10.5483	6.8074	-0.1209		
	11:46:53	10.6364	6.7027	-0.1209		
	11:47:03	10.8095	6.5795	-0.1209		
	11:47:13	10.9488	6.5009	-0.1209		
	11:47:23	11.0137	6.5015	-0.1209		
	11:47:33	10.9167	6.62	-0.1209		
	11:47:43	10.7274	6.761	-0.122		
	11:47:53	10.537	6.8705	-0.122		
	11:48:03	10.3823	6.9592	-0.1209		
	11:48:13	10.3311	6.9616	-0.1209		
	11:48:23	10.4245	6.8509	-0.1209		
	11:48:33	10.5977	6.7265	-0.1209		
	11:48:43	10.7524	6.6479	-0.1209		
	11:48:53	10.8345	6.6337	-0.1209		
	11:49:03	10.8113	6.6801	-0.1209		
	11:49:13	10.6971	6.7759	-0.1209		
	11:49:23	10.5215	6.8884	-0.1209		
	11:49:33	10.4073	6.9312	-0.1209		
	11:49:43	10.4108	6.8901	-0.1209		
	11:49:53	10.5578	6.7455	-0.1209		
<b>Start Run 1A point 3</b>						
	11:50:03	10.7506	6.6295	-0.1209		
	11:50:13	10.8804	6.5616	-0.122		
	11:50:23	10.9434	6.5551	-0.122		
	11:50:33	10.9149	6.6015	-0.122		
	11:50:43	10.8113	6.6908	-0.1209		
	11:50:53	10.6971	6.7527	-0.1209		
	11:51:03	10.5959	6.8128	-0.1209		
	11:51:13	10.5525	6.8265	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
11:51:23	10.5941	6.7604	-0.1209		
11:51:33	10.7125	6.6765	-0.1209		
11:51:43	10.8405	6.6021	-0.1209		
11:51:53	10.9071	6.5968	-0.1209		
11:52:03	10.8613	6.6646	-0.1209		
11:52:13	10.7161	6.7943	-0.1209		
11:52:23	10.5328	6.8949	-0.1209		
11:52:33	10.4394	6.9068	-0.1209		
11:52:43	10.4549	6.8675	-0.1209		
11:52:53	10.581	6.7527	-0.1209		
11:53:03	10.7488	6.6414	-0.1209		
11:53:13	10.8744	6.5825	-0.1209		
11:53:23	10.8952	6.6075	-0.122		
11:53:33	10.8405	6.6676	-0.1209		
11:53:43	10.7239	6.7711	-0.1209		
11:53:53	10.5733	6.8622	-0.1209		
11:54:03	10.4799	6.9026	-0.1209		
11:54:13	10.4876	6.8604	-0.1209		
11:54:23	10.6512	6.7158	-0.1209		
11:54:33	10.8554	6.5884	-0.1209		
11:54:43	11.0101	6.5081	-0.1209		
11:54:53	11.0482	6.5361	-0.1209		
11:55:03	10.9548	6.6307	-0.1209		
11:55:13	10.7965	6.7426	-0.1209		
11:55:23	10.6399	6.8354	-0.1209		
11:55:33	10.5578	6.8419	-0.1209		
11:55:43	10.6399	6.736	-0.1209		
11:55:53	10.8649	6.5694	-0.1209		
11:56:03	11.0274	6.4825	-0.1209		
11:56:13	11.1071	6.4444	-0.1209		
11:56:23	11.1208	6.4688	-0.122		
11:56:33	11.0405	6.5396	-0.1209		
11:56:43	10.9262	6.6218	-0.1209		
11:56:53	10.7447	6.7497	-0.1209		
11:57:03	10.5882	6.8241	-0.1209		
11:57:13	10.5542	6.8146	-0.1209		
11:57:23	10.6512	6.7045	-0.1209		
11:57:33	10.8381	6.5801	-0.1209		
11:57:43	10.9964	6.4926	-0.1209		
11:57:53	11.0922	6.4605	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
11:58:03	11.0881	6.5051	-0.1209		
11:58:13	10.9601	6.6372	-0.1209		
11:58:23	10.7429	6.7806	-0.1209		
11:58:33	10.5715	6.8699	-0.1209		
11:58:43	10.5197	6.8646	-0.1209		
11:58:53	10.6019	6.7658	-0.1209		
11:59:03	10.781	6.6313	-0.1209		
11:59:13	10.953	6.5242	-0.1209		
11:59:23	11.0654	6.4879	-0.1209		
11:59:33	11.0482	6.539	-0.122		
11:59:43	10.9583	6.6182	-0.1209		
11:59:53	10.7965	6.7313	-0.1209		
12:00:03	10.6477	6.8122	-0.1209		
12:00:13	10.5751	6.8271	-0.122		
12:00:23	10.6477	6.7313	-0.1209		
12:00:33	10.8708	6.5557	-0.1209		
12:00:43	11.1166	6.4033	-0.1209		
12:00:53	11.2922	6.3206	-0.1209		
12:01:03	11.3094	6.3611	-0.122		
12:01:13	11.2124	6.4575	-0.1209		
12:01:23	11.0387	6.5878	-0.122		
12:01:33	10.7905	6.7616	-0.122		
12:01:43	10.6703	6.7991	-0.1209		
12:01:53	10.7179	6.736	-0.1209		
12:02:03	10.8423	6.6551	-0.1209		
12:02:13	10.9375	6.6104	-0.1209		
12:02:23	10.9488	6.6557	-0.122		
12:02:33	10.8155	6.7854	-0.1209		
12:02:43	10.5923	6.9556	-0.1209		
12:02:53	10.7256	6.5426	-0.1209		
12:03:03	11.0464	6.5593	-0.1209		
12:03:13	10.6364	6.8396	-0.1209		
12:03:23	10.5138	6.9217	-0.1209		
12:03:33	10.4513	6.9907	-0.1209		
12:03:43	10.5501	6.9199	-0.1209		
12:03:53	10.653	6.8782	-0.122		
12:04:03	10.6953	6.8592	-0.1209		
12:04:13	10.7125	6.8538	-0.1209		
12:04:23	10.6745	6.8884	-0.1209		
12:04:33	10.6001	6.9401	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:04:43	10.5406	6.9687	-0.1209		
12:04:53	10.5215	6.8503	-0.1209		
12:05:03	10.6019	6.767	-0.1209		
12:05:13	10.8441	6.6134	-0.1209		
12:05:23	11.0827	6.5444	-0.1209		
12:05:33	11.191	6.5265	-0.1209		
12:05:43	11.2291	6.5289	-0.1209		
12:05:53	11.1607	6.617	-0.1209		
12:06:03	10.9565	6.7592	-0.1209		
12:06:13	10.8191	6.7985	-0.1209		
12:06:23	10.8822	6.6967	-0.1209		
12:06:33	11.0654	6.5694	-0.1209		
12:06:43	11.1952	6.517	-0.1209		
12:06:53	11.2523	6.5081	-0.1209		
12:07:03	11.2333	6.5557	-0.1209		
12:07:13	11.1261	6.5081	-0.122		
12:07:23	11.1113	6.4902	-0.122		
12:07:33	11.0083	6.6485	-0.122		
12:07:43	10.8857	6.7372	-0.1209		
12:07:53	10.8536	6.7473	-0.1209		
12:08:03	10.9167	6.6813	-0.1209		
12:08:13	11.0232	6.6158	-0.122		
12:08:23	11.1339	6.5414	-0.1209		
12:08:33	11.2351	6.4688	-0.1209		
12:08:43	11.3553	6.3766	-0.1209		
12:08:53	11.5308	6.2314	-0.1209		
12:09:03	11.6623	6.1492	-0.1209		
12:09:13	11.7236	6.1213	-0.1209		
12:09:23	11.6927	6.1665	-0.1209		
12:09:33	11.6147	6.2337	-0.1209		
12:09:43	11.5499	6.2456	-0.1209		
12:09:53	11.5671	6.2254	-0.1209		
<b>Point 2</b>					
12:10:03	11.6147	6.1713	-0.1209		
12:10:13	11.7159	6.1058	-0.1209		
12:10:23	11.7367	6.1385	-0.122		
12:10:33	11.6778	6.2123	-0.1209		
12:10:43	11.5784	6.2861	-0.1209		
12:10:53	11.51	6.3052	-0.1209		
12:11:03	11.563	6.2308	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:11:13	11.6683	6.151	-0.1209		
12:11:23	11.7213	6.1469	-0.1209		
12:11:33	11.6564	6.229	-0.1209		
12:11:43	11.5154	6.3349	-0.1209		
12:11:53	11.4029	6.3837	-0.1209		
12:12:03	11.4142	6.32	-0.1209		
12:12:13	11.4927	6.2689	-0.1209		
12:12:23	11.5671	6.2171	-0.122		
12:12:33	11.6165	6.2171	-0.1209		
12:12:43	11.5862	6.2683	-0.122		
12:12:53	11.5249	6.2956	-0.1209		
12:13:03	11.529	6.2665	-0.122		
12:13:13	11.5362	6.2492	-0.1209		
12:13:23	11.5534	6.2367	-0.1209		
12:13:33	11.5517	6.2522	-0.1209		
12:13:43	11.5326	6.2819	-0.1209		
12:13:53	11.479	6.32	-0.1209		
12:14:03	11.4356	6.3575	-0.1209		
12:14:13	11.3803	6.3932	-0.1209		
12:14:23	11.3059	6.442	-0.1209		
12:14:33	11.2886	6.4331	-0.1209		
12:14:43	11.3077	6.4182	-0.1209		
12:14:53	11.3094	6.4331	-0.1209		
12:15:03	11.294	6.4266	-0.1209		
12:15:13	11.3422	6.3789	-0.1209		
12:15:23	11.3993	6.3319	-0.1209		
12:15:33	11.441	6.3194	-0.1209		
12:15:43	11.4677	6.2938	-0.1209		
12:15:53	11.5058	6.2909	-0.1209		
12:16:03	11.3934	6.4206	-0.1209		
12:16:13	11.197	6.5426	-0.1209		
12:16:23	11.0785	6.5825	-0.1209		
12:16:33	11.1131	6.5283	-0.122		
12:16:43	11.2714	6.3718	-0.1209		
12:16:53	11.5154	6.2022	-0.1209		
12:17:03	11.6909	6.107	-0.1209		
12:17:13	11.7558	6.1046	-0.1209		
12:17:23	11.7004	6.1736	-0.1209		
12:17:33	11.5653	6.2909	-0.1209		
12:17:43	11.3684	6.4277	-0.1209		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:17:53	11.2029	6.5128	-0.1209		
12:18:03	11.1357	6.5289	-0.1209		
12:18:13	11.2142	6.4283	-0.1209		
12:18:23	11.3916	6.3034	-0.1209		
12:18:33	11.5594	6.207	-0.1209		
12:18:43	11.651	6.1915	-0.1209		
12:18:53	11.5802	6.2885	-0.1209		
12:19:03	11.3969	6.4456	-0.1209		
12:19:13	11.1815	6.5694	-0.1209		
12:19:23	11.0405	6.6319	-0.1209		
12:19:33	11.0327	6.5914	-0.122		
12:19:43	11.1857	6.4396	-0.1209		
12:19:53	11.4201	6.2778	-0.1209		
12:20:03	11.6165	6.1629	-0.1209		
12:20:13	11.7064	6.1427	-0.1209		
12:20:23	11.651	6.2224	-0.1209		
12:20:33	11.5058	6.3343	-0.1209		
12:20:43	11.3553	6.4313	-0.122		
12:20:53	11.2481	6.4742	-0.1209		
12:21:03	11.2904	6.3879	-0.1209		
12:21:13	11.4523	6.2605	-0.122		
12:21:23	11.6373	6.1248	-0.1209		
12:21:33	11.7861	6.0546	-0.1203		
12:21:43	11.8266	6.0528	-0.1209		
12:21:53	11.8052	6.0963	-0.122		
12:22:03	11.6969	6.1968	-0.1209		
12:22:13	11.5784	6.2712	-0.1209		
12:22:23	11.5195	6.2938	-0.1209		
12:22:33	11.5136	6.2903	-0.1209		
12:22:43	11.5552	6.2522	-0.1209		
12:22:53	11.5975	6.226	-0.1209		
12:23:03	11.6338	6.2117	-0.1209		
12:23:13	11.6356	6.2236	-0.1209		
12:23:23	11.626	6.232	-0.1209		
12:23:33	11.6397	6.2034	-0.122		
12:23:43	11.7385	6.1123	-0.122		
12:23:53	11.8587	6.0195	-0.1209		
12:24:03	11.9563	5.9588	-0.1209		
12:24:13	11.9902	5.9636	0.0011		
12:24:23	11.9278	6.0356	0.0952		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:24:33	11.8284	6.11	0.0125		
12:24:43	11.7403	6.1576	0.0113		
12:24:53	11.6832	6.1939	0.0261		
12:25:03	11.6796	6.1522	0.0142		
12:25:13	11.7843	6.051	0.0315		
12:25:23	11.8891	5.9719	-0.0381		
12:25:33	11.9789	5.9231	0.0029		
12:25:43	11.9581	5.9951	-0.0227		
12:25:53	11.8016	6.1344	-0.0352		
12:26:03	11.5957	6.2831	0.0267		
12:26:13	11.4124	6.3926	0.063		
12:26:23	11.2922	6.4551	0.1374		
12:26:33	11.2844	6.4236	0.1196		
12:26:43	11.3838	6.3266	0.1315		
12:26:53	11.563	6.1957	0.1773		
12:27:03	11.71	6.1171	0.1214		
12:27:13	11.7332	6.1599	0.1529		
12:27:23	11.6034	6.2736	0.1672		
12:27:33	11.5005	6.3087	0.163		
12:27:43	11.479	6.2956	0.1452		
12:27:53	11.5267	6.223	0.1797		
12:28:03	11.6891	6.0641	0.2862		
12:28:13	11.8915	5.9237	0.2564		
12:28:23	12.0551	5.8172	0.1594		
12:28:33	12.0956	5.8451	0.1362		
12:28:43	11.992	5.963	0.1481		
12:28:53	11.7956	6.1129	0.1184		
12:29:03	11.5671	6.2879	0.1243		
12:29:13	11.363	6.3968	0.1089		
12:29:23	11.2749	6.426	0.1279		
12:29:33	11.2749	6.4069	0.0743		
12:29:43	11.3588	6.329	0.1553		
12:29:53	11.4945	6.2266	0.1214		
12:30:03	11.6165	6.1695	0.0952		
12:30:13	11.6034	6.2284	0.1023		
12:30:23	11.4427	6.3665	0.0755		
12:30:33	11.2142	6.5426	0.0743		
12:30:43	10.9774	6.6807	0.0696		
12:30:53	10.825	6.739	0.0898		
12:31:03	10.8476	6.6765	0.0696		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:31:13	11.0369	6.5099	0.1297		
12:31:23	11.2904	6.3296	0.1214		
12:31:33	11.5136	6.1968	0.1452		
12:31:43	11.6225	6.1671	0.1362		
12:31:53	11.5802	6.232	0.1362		
12:32:03	11.4088	6.3873	0.1678		
12:32:13	11.1928	6.5146	0.1725		
12:32:23	11.0595	6.5593	0.1898		
12:32:33	11.0369	6.5372	0.1362		
12:32:43	11.172	6.4099	0.1481		
12:32:53	11.3648	6.2855	0.1529		
12:33:03	11.5231	6.1962	0.1422		
12:33:13	11.5689	6.2141	0.0904		
12:33:23	11.4886	6.3034	-0.128		
12:33:33	11.338	6.4242	-0.1209		
12:33:43	11.1416	6.5622	-0.1256		
12:33:53	11.0024	6.6229	-0.1209		
12:34:03	11.0214	6.5587	-0.1209		
12:34:13	11.1476	6.4563	-0.1209		
12:34:23	11.2963	6.3611	-0.1209		
12:34:33	11.3779	6.3534	-0.1209		
12:34:43	11.338	6.4224	-0.1209		
12:34:53	11.2255	6.5188	-0.1232		
12:35:03	11.0637	6.6283	-0.1209		
12:35:13	10.9411	6.6914	-0.1286		
12:35:23	10.8994	6.6801	-0.1268		
12:35:33	11.0232	6.5361	-0.1256		
12:35:43	11.3094	6.2915	-0.1268		
12:35:53	11.6778	6.0469	-0.1232		
12:36:03	11.8284	6.0356	-0.128		
12:36:13	11.7427	6.1451	-0.1286		
12:36:23	11.5671	6.2718	-0.1286		
12:36:33	11.4124	6.3593	-0.1286		
12:36:43	11.313	6.4045	-0.1286		
12:36:53	11.2696	6.4153	-0.1286		
12:37:03	11.2714	6.4051	-0.1286		
12:37:13	11.2981	6.3807	-0.1286		
12:37:23	11.3535	6.3444	-0.1286		
12:37:33	11.4142	6.3117	-0.1286		
12:37:43	11.466	6.2748	-0.1286		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:37:53	11.5403	6.2105	-0.1286		
12:38:03	11.6129	6.1498	-0.1286		
12:38:13	11.6546	6.1314	-0.1286		
12:38:23	11.626	6.182	-0.1286		
12:38:33	11.5213	6.2724	-0.1286		
12:38:43	11.4183	6.3284	-0.128		
12:38:53	11.338	6.3891	-0.128		
12:39:03	11.2523	6.4444	-0.1286		
12:39:13	11.2237	6.4361	-0.1286		
12:39:23	11.2999	6.3492	-0.1286		
12:39:33	11.4868	6.1897	-0.1286		
12:39:43	11.71	6.0356	-0.128		
12:39:53	11.8605	5.9665	-0.128		
<b>Point 1</b>					
12:40:03	11.8605	6.0177	-0.128		
12:40:13	11.729	6.1361	-0.1286		
12:40:23	11.529	6.2938	-0.1286		
12:40:33	11.3684	6.3748	-0.1286		
12:40:43	11.2886	6.3968	-0.1286		
12:40:53	11.3422	6.3182	-0.128		
12:41:03	11.479	6.2034	-0.1286		
12:41:13	11.6493	6.1034	-0.1286		
12:41:23	11.7195	6.107	-0.1286		
12:41:33	11.6469	6.201	-0.1286		
12:41:43	11.51	6.3105	-0.1286		
12:41:53	11.338	6.4254	-0.128		
12:42:03	11.2101	6.4908	-0.1286		
12:42:13	11.1738	6.47	-0.1286		
12:42:23	11.2886	6.3617	-0.1286		
12:42:33	11.4564	6.2337	-0.1286		
12:42:43	11.626	6.1254	-0.1286		
12:42:53	11.7272	6.0915	-0.1286		
12:43:03	11.71	6.148	-0.1286		
12:43:13	11.5993	6.2403	-0.1286		
12:43:23	11.4261	6.3605	-0.1286		
12:43:33	11.2922	6.426	-0.1286		
12:43:43	11.2868	6.3712	-0.1286		
12:43:53	11.4237	6.2528	-0.1286		
12:44:03	11.5725	6.1397	-0.1286		
12:44:13	11.7272	6.0409	-0.1286		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
12:44:23	11.8016	6.0391	-0.1286		
12:44:33	11.7349	6.1254	-0.1286		
12:44:43	11.5975	6.2367	-0.1286		
12:44:53	11.441	6.3391	-0.1286		
12:45:03	11.3112	6.4212	-0.128		
12:45:13	11.1815	6.4998	-0.1286		
12:45:23	11.1416	6.4998	-0.128		
12:45:33	11.1797	6.4527	-0.128		
12:45:43	11.3207	6.3349	-0.128		
12:45:53	11.4695	6.2427	-0.1286		
12:46:03	11.5552	6.2123	-0.1286		
12:46:13	11.5326	6.2748	-0.1286		
12:46:23	11.4332	6.3641	-0.1286		
12:46:33	11.3017	6.4444	-0.1286		
12:46:43	11.2577	6.4242	-0.128		
12:46:53	11.2868	6.3801	-0.1286		
12:47:03	11.3535	6.3087	-0.1286		
12:47:13	11.4523	6.2635	-0.1286		
12:47:23	11.4546	6.2998	-0.1286		
12:47:33	11.4297	6.3105	-0.1286		
12:47:43	11.466	6.2629	-0.1286		
12:47:53	11.5386	6.2022	-0.1286		
12:48:03	11.607	6.1498	-0.1286		
12:48:13	11.6528	6.1427	-0.1286		
12:48:23	11.582	6.2308	-0.128		
12:48:33	11.4618	6.323	-0.1286		
12:48:43	11.3648	6.3593	-0.1286		
12:48:53	11.3684	6.3313	-0.128		
12:49:03	11.4332	6.2718	-0.1286		
12:49:13	11.5231	6.2099	-0.1286		
12:49:23	11.5517	6.2343	-0.1286		
12:49:33	11.4773	6.3093	-0.1286		
12:49:43	11.3684	6.3914	-0.1286		
12:49:53	11.2773	6.4432	-0.1286		
12:50:03	11.2386	6.4373	-0.1286		
12:50:13	11.2844	6.3873	-0.1286		
12:50:23	11.4201	6.2534	-0.1286		
12:50:33	11.6225	6.1123	-0.1286		
12:50:43	11.748	6.0528	-0.128		
12:50:53	11.7712	6.0629	-0.1286		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
12:51:03	11.7272	6.1141	-0.1286		
12:51:13	11.5993	6.2236	-0.1286		
12:51:23	11.4427	6.3194	-0.1286		
12:51:33	11.3267	6.3837	-0.1286		
12:51:43	11.2696	6.4039	-0.128		
12:51:53	11.2868	6.3694	-0.128		
12:52:03	11.3803	6.2819	-0.128		
12:52:13	11.51	6.2177	0.0452		
12:52:23	11.5671	6.1986	0.0547		
12:52:33	11.5784	6.2076	0.0934		
12:52:43	11.5707	6.2022	0.0868		
12:52:53	11.582	6.1843	0.0678		
12:53:03	11.607	6.1599	0.0714		
12:53:13	11.6183	6.1445	0.0708		
12:53:23	11.5784	6.2177	0.0708		
12:53:33	11.4755	6.3046	0.0708		
12:53:43	11.3553	6.3968	0.0773		
12:53:53	11.2446	6.4617	0.0904		
12:54:03	11.2124	6.4575	-0.0179		
12:54:13	11.3207	6.3421	0.0011		
12:54:23	11.529	6.1873	0.016		
12:54:33	11.7272	6.0606	0.0517		
12:54:43	11.8206	6.0499	0.063		
12:54:53	11.748	6.1498	0.0898		
12:55:03	11.6088	6.2665	0.0976		
12:55:13	11.4392	6.3742	0.0868		
12:55:23	11.3285	6.4099	0.0743		
12:55:33	11.3553	6.3385	0.0928		
12:55:43	11.529	6.1713	0.0743		
12:55:53	11.7826	5.9981	0.0993		
12:56:03	11.9176	5.9463	0.0678		
12:56:13	11.9063	5.988	0.066		
12:56:23	11.8093	6.076	0.0547		
12:56:33	11.6891	6.151	0.0601		
12:56:43	11.601	6.1968	0.0601		
12:56:53	11.5749	6.1873	0.0613		
12:57:03	11.6528	6.0951	0.0601		
12:57:13	11.8189	5.9725	0.141		
12:57:23	11.9754	5.863	0.0868		
12:57:33	12.0914	5.8112	0.0678		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
12:57:43	12.0896	5.8683	0.0696		
12:57:53	11.9426	6.0022	0.0601		
12:58:03	11.7195	6.1635	0.0678		
12:58:13	11.5481	6.2575	0.0791		
12:58:23	11.466	6.2938	0.0803		
12:58:33	11.4945	6.2331	0.0755		
12:58:43	11.6243	6.1177	0.0803		
12:58:53	11.7766	6.0213	-0.034		
12:59:03	11.8891	5.9761	-0.1328		
12:59:13	11.8986	6.0118	-0.1286		
12:59:23	11.8147	6.0873	-0.1268		
12:59:33	11.6778	6.1992	-0.1256		
12:59:43	11.5362	6.2754	-0.1286		
12:59:53	11.4755	6.2802	-0.1238		
<b>End Run 1A</b>	<b>11.32452</b>	<b>6.37725</b>	<b>-0.07462</b>		
13:00:03	11.5499	6.1861	-0.1256		
13:00:13	11.71	6.0546	-0.1238		
13:00:23	11.8796	5.9392	-0.1286		
13:00:33	11.9849	5.9064	-0.1286		
13:00:43	11.9539	5.9683	-0.1232		
13:00:53	11.8433	6.0558	-0.1286		
13:01:03	11.7427	6.1159	-0.128		
13:01:13	11.6546	6.1689	-0.1286		
13:01:23	11.5784	6.204	-0.1286		
13:01:33	11.5612	6.1986	-0.1328		
13:01:43	11.6165	6.1397	-0.1286		
13:01:53	11.6909	6.0933	-0.1429		
13:02:03	11.7558	6.06	-0.1429		
13:02:13	11.8147	6.0213	-0.1429		
13:02:23	11.8093	6.0427	-0.1429		
13:02:33	11.7385	6.1076	-0.1429		
13:02:43	11.6546	6.1564	-0.1429		
13:02:53	11.5939	6.1879	-0.1429		
13:03:03	11.5862	6.1713	-0.1429		
13:03:13	11.6225	6.1361	-0.1429		
13:03:23	11.6737	6.1034	-0.1429		
13:03:33	11.704	6.0963	-0.1429		
13:03:43	11.7141	6.0885	-0.1429		
13:03:53	11.7272	6.0737	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:04:03	11.7689	6.0278	-0.1429		
13:04:13	11.8093	6.0183	-0.1429		
13:04:23	11.8206	6.0153	-0.1429		
13:04:33	11.8016	6.0332	-0.1429		
13:04:43	11.7921	6.0284	-0.1429		
13:04:53	11.8361	5.9386	-0.1429		
13:05:03	11.9658	5.866	-0.1429		
13:05:13	12.0402	5.8172	-0.1429		
13:05:23	12.0878	5.7666	-0.1429		
13:05:33	12.2003	5.6083	-0.1429		
13:05:43	12.5092	5.2869	-0.1429		
13:05:53	12.9305	4.9471	-0.1429		
13:06:03	13.3316	4.6198	-0.1429		
13:06:13	13.6363	4.3812	-0.1429		
13:06:23	13.8351	4.2187	-0.1429		
13:06:33	13.9726	4.0973	-0.1429		
13:06:43	14.06	4.0086	-0.1429		
13:06:53	14.1077	3.9449	-0.1429		
13:07:03	14.1499	3.889	-0.1429		
13:07:13	14.182	3.8485	-0.1429		
13:07:23	14.1993	3.8247	-0.1429		
13:07:33	14.2011	3.8003	-0.1429		
13:07:43	14.2219	3.7736	-0.1429		
13:07:53	14.2356	3.7599	-0.1429		
13:08:03	14.1957	3.7771	-0.1429		
13:08:13	14.163	3.7825	-0.1429		
13:08:23	14.138	3.7866	-0.1429		
13:08:33	14.1154	3.7866	-0.1429		
13:08:43	14.0999	3.7938	-0.1429		
13:08:53	14.119	3.77	-0.1429		
13:09:03	14.163	3.7456	-0.1429		
13:09:13	14.1612	3.7527	-0.1429		
13:09:23	14.1457	3.7646	-0.1429		
13:09:33	14.1041	3.7861	-0.1429		
13:09:43	14.0636	3.8033	-0.1429		
13:09:53	14.0505	3.8051	-0.1429		
13:10:03	14.0541	3.8015	-0.1429		
13:10:13	14.0428	3.8134	-0.1429		
13:10:23	14.0047	3.8366	-0.1429		
13:10:33	13.9476	3.8682	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:10:43	13.9148	3.8789	-0.1429		
13:10:53	13.9095	3.8753	-0.1429		
13:11:03	13.9077	3.8747	-0.1429		
13:11:13	13.9077	3.8717	-0.1429		
13:11:23	13.9339	3.8539	-0.1429		
13:11:33	13.9624	3.8372	-0.1429		
13:11:43	13.9892	3.8218	-0.1429		
13:11:53	14.0202	3.8081	-0.1429		
13:12:03	14.0351	3.7997	-0.1429		
13:12:13	14.0565	3.7837	-0.1429		
13:12:23	14.0755	3.7706	-0.1429		
13:12:33	14.1059	3.7539	-0.1429		
13:12:43	14.138	3.7367	-0.1429		
13:12:53	14.1612	3.7355	-0.1429		
13:13:03	14.1862	3.7194	-0.1429		
13:13:13	14.1957	3.7158	-0.1429		
13:13:23	14.2088	3.7081	-0.1429		
13:13:33	14.2183	3.7021	-0.1429		
13:13:43	14.2201	3.7081	-0.1429		
13:13:53	14.2011	3.7158	-0.1429		
13:14:03	14.1933	3.714	-0.1429		
13:14:13	14.2124	3.7051	-0.1429		
13:14:23	14.2148	3.7051	-0.1441		
13:14:33	14.2148	3.7075	-0.1429		
13:14:43	14.2183	3.7027	-0.1429		
13:14:53	14.1993	3.7194	-0.1429		
13:15:03	14.1707	3.7355	-0.1429		
13:15:13	14.1648	3.7367	-0.1429		
13:15:23	14.1594	3.7343	-0.1429		
13:15:33	14.1517	3.742	-0.1429		
13:15:43	14.169	3.7111	-0.1429		
13:15:53	14.285	3.6504	-0.1429		
13:16:03	14.2945	3.6724	-0.1429		
13:16:13	14.2201	3.7152	-0.1429		
13:16:23	14.1594	3.7384	-0.1429		
13:16:33	14.1285	3.7509	-0.1429		
13:16:43	14.1077	3.7622	-0.1429		
13:16:53	14.0827	3.7777	-0.1429		
13:17:03	14.066	3.7807	-0.1429		
13:17:13	14.0541	3.7777	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:17:23	14.0565	3.7747	-0.1429		
13:17:33	14.066	3.773	-0.1429		
13:17:43	14.0678	3.7759	-0.1429		
13:17:53	14.0791	3.7676	-0.1441		
13:18:03	14.0904	3.7611	-0.0411		
13:18:13	14.0963	3.7599	0.0011		
13:18:23	14.0904	3.7718	0.0011		
13:18:33	14.066	3.7861	0.0047		
13:18:43	14.0487	3.7884	0.0089		
13:18:53	14.0714	3.7694	0.0077		
13:19:03	14.1172	3.742	0.0089		
13:19:13	14.1725	3.7134	0.0113		
13:19:23	14.2148	3.6968	0.0154		
13:19:33	14.2564	3.6777	0.0315		
13:19:43	14.2945	3.6581	0.0345		
13:19:53	14.335	3.6343	0.0452		
13:20:03	14.3707	3.6135	0.0422		
13:20:13	14.407	3.592	0.0535		
13:20:23	14.4338	3.5831	0.063		
13:20:33	14.4302	3.5914	0.0601		
13:20:43	14.4112	3.5968	0.0601		
13:20:53	14.3844	3.6111	0.0678		
13:21:03	14.3612	3.6218	0.0678		
13:21:13	14.3689	3.6135	0.0928		
13:21:23	14.3463	3.6313	0.0708		
13:21:33	14.3231	3.6438	0.0666		
13:21:43	14.3118	3.6492	0.0928		
13:21:53	14.2987	3.6635	0.1118		
13:22:03	14.2701	3.6777	0.1696		
13:22:13	14.2606	3.6807	0.122		
13:22:23	14.2487	3.6879	0.0743		
13:22:33	14.2356	3.6908	0.0666		
13:22:43	14.2338	3.6914	0.0678		
13:22:53	14.2451	3.6771	0.0726		
13:23:03	14.2677	3.6646	0.1249		
13:23:13	14.2909	3.6533	0.1231		
13:23:23	14.2909	3.6599	0.1267		
13:23:33	14.2737	3.6623	0.0934		
13:23:43	14.2701	3.6718	0.0077		
13:23:53	14.2755	3.6635	0.0232		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:24:03	14.2814	3.6611	0.0238		
13:24:13	14.2963	3.6533	0.0422		
13:24:23	14.3082	3.6438	0.0309		
13:24:33	14.3463	3.6188	0.022		
13:24:43	14.3707	3.6153	0.0238		
13:24:53	14.3516	3.6355	0.0613		
13:25:03	14.3195	3.6539	0.0976		
13:25:13	14.2796	3.6783	0.0773		
13:25:23	14.2433	3.6938	0.0928		
13:25:33	14.2219	3.7015	0.0833		
13:25:43	14.2219	3.7021	0.0928		
13:25:53	14.2297	3.6879	0.1053		
13:26:03	14.2374	3.6783	0.122		
13:26:13	14.2451	3.673	0.0976		
13:26:23	14.2582	3.667	0.0976		
13:26:33	14.2582	3.67	0.0898		
13:26:43	14.2546	3.6694	0.0886		
13:26:53	14.2564	3.6652	0.11		
13:27:03	14.266	3.6623	0.1184		
13:27:13	14.2737	3.6617	0.1041		
13:27:23	14.2814	3.6545	0.0833		
13:27:33	14.2945	3.6438	0.069		
13:27:43	14.3153	3.6295	0.0613		
13:27:53	14.3231	3.6337	0.0678		
13:28:03	14.3249	3.6367	0.0755		
13:28:13	14.3386	3.6129	0.0898		
13:28:23	14.3445	3.6164	0.0743		
13:28:33	14.3386	3.623	0.0898		
13:28:43	14.3326	3.6212	0.0976		
13:28:53	14.3368	3.6266	0.0976		
13:29:03	14.3231	3.6295	0.0708		
13:29:13	14.3005	3.6456	0.0678		
13:29:23	14.2701	3.6587	0.069		
13:29:33	14.2564	3.6641	0.0928		
13:29:43	14.2701	3.6539	0.0404		
13:29:53	14.2737	3.6587	0.044		
13:30:03	14.2546	3.6652	0.0404		
13:30:13	14.2582	3.6516	0.0422		
13:30:23	14.2719	3.6462	0.0404		
13:30:33	14.2755	3.642	0.038		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:30:43	14.2624	3.6527	0.0327		
13:30:53	14.2433	3.6652	0.0458		
13:31:03	14.2338	3.6694	-0.0149		
13:31:13	14.2314	3.667	0.0017		
13:31:23	14.2505	3.6527	0.0458		
13:31:33	14.2868	3.6319	0.0648		
13:31:43	14.3136	3.6212	0.0678		
13:31:53	14.3153	3.6206	0.0678		
13:32:03	14.3177	3.623	0.0642		
13:32:13	14.31	3.6289	0.0601		
13:32:23	14.3058	3.6343	0.063		
13:32:33	14.2892	3.6408	0.0642		
13:32:43	14.2737	3.6474	0.0678		
13:32:53	14.266	3.6533	0.0708		
13:33:03	14.2606	3.6516	0.0678		
13:33:13	14.2642	3.6486	0.069		
13:33:23	14.2606	3.651	0.0708		
13:33:33	14.2546	3.6557	0.0678		
13:33:43	14.2677	3.6426	0.069		
13:33:53	14.2868	3.6343	0.066		
13:34:03	14.2814	3.6426	0.0613		
13:34:13	14.266	3.6516	0.0618		
13:34:23	14.2529	3.6569	0.0583		
13:34:33	14.2546	3.6569	0.0553		
13:34:43	14.2487	3.6748	0.0613		
13:34:53	14.2392	3.6777	0.0601		
13:35:03	14.2546	3.6569	0.0601		
13:35:13	14.2927	3.6337	0.0601		
13:35:23	14.3195	3.6289	0.0458		
13:35:33	14.3082	3.6379	0.0279		
13:35:43	14.3272	3.6045	-0.0102		
13:35:53	14.4451	3.545	0.0089		
13:36:03	14.4451	3.5635	0.0041		
13:36:13	14.3862	3.6022	0.0011		
13:36:23	14.3272	3.6236	0.0136		
13:36:33	14.2909	3.6367	0.0327		
13:36:43	14.2909	3.626	0.0458		
13:36:53	14.304	3.6313	0.0565		
13:37:03	14.2927	3.6343	0.066		
13:37:13	14.3005	3.648	0.0696		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:37:23	14.4165	3.5367	0.0755		
13:37:33	14.6058	3.4605	0.0755		
13:37:43	14.6742	3.5129	0.0743		
13:37:53	14.5772	3.6879	0.0726		
13:38:03	14.3326	3.942	0.0696		
13:38:13	14.0178	4.1979	0.0743		
13:38:23	13.7131	4.4454	0.0898		
13:38:33	13.4155	4.7001	0.1023		
13:38:43	13.1632	4.9025	0.0993		
13:38:53	12.965	5.0602	0.0857		
13:39:03	12.7496	5.2197	0.0678		
13:39:13	12.4901	5.4012	0.0601		
13:39:23	12.2325	5.5803	0.0678		
13:39:33	12.0117	5.7327	0.0726		
13:39:43	11.8492	5.8553	0.0743		
13:39:53	11.7004	5.9588	0.0743		
13:40:03	11.6147	6.0147	0.0898		
13:40:13	11.5844	6.0314	0.0976		
13:40:23	11.5939	6.0249	0.0976		
13:40:33	11.6129	6.029	0.0898		
13:40:43	11.582	6.0743	0.1118		
13:40:53	11.504	6.1391	-0.0465		
13:41:03	11.4332	6.1885	0.0208		
13:41:13	11.3898	6.198	0.0601		
13:41:23	11.3457	6.2445	0.0505		
13:41:33	11.2904	6.2754	0.0601		
13:41:43	11.2481	6.3075	0.0553		
13:41:53	11.2351	6.3046	0.063		
13:42:03	11.2523	6.2873	0.063		
13:42:13	11.3017	6.2617	0.0601		
13:42:23	11.338	6.2397	0.0499		
13:42:33	11.3916	6.1903	0.0565		
13:42:43	11.4737	6.1332	0.0601		
13:42:53	11.5344	6.0969	0.0726		
13:43:03	11.5403	6.1034	0.0904		
13:43:13	11.5439	6.1058	0.0993		
13:43:23	11.563	6.0707	0.0928		
13:43:33	11.6451	6.0016	0.0357		
13:43:43	11.6891	5.988	0.041		
13:43:53	11.6891	5.9951	0.066		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
13:44:03	11.6832	5.9909	0.0785		
13:44:13	11.6814	5.9957	0.0916		
13:44:23	11.6873	5.985	0.0916		
13:44:33	11.71	5.9778	0.1053		
13:44:43	11.7004	5.9987	0.1077		
13:44:53	11.6832	6.0016	0.1041		
13:45:03	11.6909	5.9909	0.0976		
13:45:13	11.6814	6.0005	0.0946		
13:45:23	11.651	6.0385	0.0952		
13:45:33	11.5915	6.0671	0.0976		
13:45:43	11.601	6.0362	0.0898		
13:45:53	11.6129	6.0421	0.0898		
13:46:03	11.5784	6.0653	0.0743		
13:46:13	11.5707	6.0635	0.0755		
13:46:23	11.601	6.029	0.0755		
13:46:33	11.6356	6.0195	0.0743		
13:46:43	11.6451	6.013	0.0737		
13:46:53	11.6683	5.9868	0.0142		
13:47:03	11.6986	5.9606	0.0309		
13:47:13	11.7213	5.9517	0.0309		
13:47:23	11.7445	5.9255	0.0309		
13:47:33	11.7576	5.9183	0.0327		
13:47:43	11.7748	5.9035	0.0333		
13:47:53	11.7903	5.8856	0.0309		
13:48:03	11.8111	5.8826	0.0309		
13:48:13	11.7939	5.9112	0.044		
13:48:23	11.7427	5.957	0.069		
13:48:33	11.7004	5.985	0.0743		
13:48:43	11.6528	6.029	0.0714		
13:48:53	11.607	6.0415	0.0898		
13:49:03	11.6338	6.0249	0.0839		
13:49:13	11.607	6.0766	0.0952		
13:49:23	11.5386	6.1213	0.0898		
13:49:33	11.4773	6.1671	0.0809		
13:49:43	11.4505	6.1701	0.0773		
13:49:53	11.491	6.126	0.0678		
13:50:03	11.4963	6.1689	0.0708		
13:50:13	11.4713	6.1879	0.0666		
13:50:23	11.441	6.223	0.0601		
13:50:33	11.3779	6.2766	-0.0536		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:50:43	11.2981	6.3385	-0.1429		
13:50:53	11.2083	6.4087	-0.1286		
13:51:03	11.1339	6.4313	-0.1286		
13:51:13	11.1434	6.4063	-0.1286		
13:51:23	11.382	5.9493	-0.1232		
13:51:33	11.8206	5.9767	-0.128		
13:51:43	11.4808	6.1832	-0.1286		
13:51:53	11.3553	6.3034	-0.1238		
13:52:03	11.1452	6.4795	-0.1286		
13:52:13	11.0613	6.523	-0.1286		
13:52:23	11.0559	6.5283	-0.1286		
13:52:33	11.044	6.567	-0.1238		
13:52:43	10.9601	6.642	-0.1286		
13:52:53	10.8839	6.6854	-0.1286		
13:53:03	10.7851	6.7866	-0.128		
13:53:13	10.6953	6.8324	-0.1286		
13:53:23	10.7566	6.6527	-0.1286		
13:53:33	10.7161	6.711	-0.1286		
13:53:43	10.6876	6.7366	-0.1286		
13:53:53	10.6572	6.8723	-0.1286		
13:54:03	10.6149	6.908	-0.1286		
13:54:13	10.684	6.8616	-0.1286		
13:54:23	10.7256	6.8646	-0.1286		
13:54:33	10.7221	6.8759	-0.1286		
13:54:43	10.7012	6.8949	-0.1351		
13:54:53	10.6893	6.8777	-0.1429		
13:55:03	10.7637	6.8289	-0.1429		
13:55:13	10.7679	6.8473	-0.1429		
13:55:23	10.8	6.8211	-0.1429		
13:55:33	10.806	6.8336	-0.1429		
13:55:43	10.7369	6.7777	-0.1429		
13:55:53	10.7488	6.7461	-0.1429		
13:56:03	10.6417	6.9026	-0.1429		
13:56:13	10.5596	6.9568	-0.1429		
13:56:23	10.5525	6.9592	-0.1429		
13:56:33	10.6191	6.9145	-0.1429		
13:56:43	10.7066	6.8634	-0.1429		
13:56:53	10.7905	6.8378	-0.1429		
13:57:03	10.8518	6.7943	-0.1429		
13:57:13	10.9012	6.7729	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
13:57:23	10.928	6.7676	-0.1429		
13:57:33	10.9339	6.764	-0.1441		
13:57:43	10.9583	6.7443	-0.1429		
13:57:53	10.9869	6.7211	-0.1429		
13:58:03	11.0422	6.6729	-0.1429		
13:58:13	11.075	6.6658	-0.1429		
13:58:23	11.0922	6.6533	-0.1429		
13:58:33	11.1113	6.6229	-0.1429		
13:58:43	11.1148	6.6348	-0.1429		
13:58:53	11.0708	6.6604	-0.1429		
13:59:03	11.0137	6.6747	-0.1429		
13:59:13	10.9964	6.6688	-0.1429		
13:59:23	10.9661	6.7027	-0.1429		
13:59:33	10.9125	6.7426	-0.1429		
13:59:43	10.8518	6.7806	-0.1429		
13:59:53	10.7923	6.8312	-0.1429		
14:00:03	10.7256	6.8943	-0.1429		
14:00:13	10.659	6.9479	-0.1429		
14:00:23	10.5786	7.011	-0.1429		
14:00:33	10.5084	7.0586	-0.1441		
14:00:43	10.4703	7.0806	-0.1429		
14:00:53	10.4376	7.105	-0.1429		
14:01:03	10.4471	7.0853	-0.1429		
14:01:13	10.5025	7.0484	-0.1429		
14:01:23	10.5388	7.0401	-0.1429		
14:01:33	10.5406	7.0425	-0.1429		
14:01:43	10.5638	7.0121	-0.1429		
14:01:53	10.6019	7.0068	-0.1429		
14:02:03	10.5691	7.0461	-0.1429		
14:02:13	10.5162	7.08	-0.1429		
14:02:23	10.5007	7.0937	-0.1429		
14:02:33	10.4662	7.1216	-0.1429		
14:02:43	10.4626	7.1264	-0.1429		
14:02:53	10.4644	7.1133	-0.1429		
14:03:03	10.4626	7.13	-0.1429		
14:03:13	10.4299	7.1639	-0.1429		
14:03:23	10.3959	7.1782	-0.1429		
14:03:33	10.3745	7.202	-0.1429		
14:03:43	10.3483	7.2204	-0.1429		
14:03:53	10.3501	7.2151	-0.1429		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
14:04:03	10.3596	7.2097	-0.1429		
14:04:13	10.3632	7.2127	-0.1429		
14:04:23	10.371	7.2079	-0.1429		
14:04:33	10.3787	7.2103	-0.1429		
14:04:43	10.3632	7.2175	-0.1429		
14:04:53	10.3311	7.2419	-0.1441		
14:05:03	10.3174	7.2311	-0.1429		
14:05:13	10.3347	7.2109	-0.1429		
14:05:23	10.3579	7.2127	-0.1429		
14:05:33	10.3579	7.1925	-0.1429		
14:05:43	10.4073	7.1538	-0.1429		
14:05:53	10.4358	7.1347	-0.1429		
14:06:03	10.4703	7.1044	-0.1429		
14:06:13	10.4947	7.0919	-0.1429		
14:06:23	10.4971	7.0883	-0.1429		
14:06:33	10.4989	7.083	-0.1429		
14:06:43	10.5215	7.0609	-0.1429		
14:06:53	10.5429	7.058	-0.1429		
14:07:03	10.5233	7.0812	-0.1429		
14:07:13	10.5084	7.0949	-0.1429		
14:07:23	10.4608	7.1312	-0.1429		
14:07:33	10.415	7.1538	-0.1429		
14:07:43	10.4073	7.1568	-0.1429		
14:07:53	10.4073	7.1663	-0.1429		
14:08:03	10.39	7.1788	-0.1429		
14:08:13	10.3823	7.1919	-0.1429		
14:08:23	10.3519	7.2181	-0.1429		
14:08:33	10.3311	7.2204	-0.1429		
14:08:43	10.3406	7.2014	-0.1429		
14:08:53	10.3823	7.1728	-0.1429		
14:09:03	10.39	7.1746	-0.1429		
14:09:13	10.3959	7.1526	-0.1429		
14:09:23	10.4471	7.1246	-0.1429		
14:09:33	10.4418	7.1288	-0.1429		
14:09:43	10.4566	7.1068	-0.1429		
14:09:53	10.4816	7.0919	-0.1429		
14:10:03	10.5215	7.0639	-0.1429		
14:10:13	10.5429	7.0526	-0.1429		
14:10:23	10.5864	7.0104	-0.1441		
14:10:33	10.6417	6.9913	-0.1441		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
14:10:43	10.6554	6.9931	-0.1429		
14:10:53	10.6245	7.0229	-0.1429		
14:11:03	10.5715	7.08	-0.1429		
14:11:13	10.4739	7.1484	-0.1429		
14:11:23	10.365	7.2222	-0.1429		
14:11:33	10.262	7.2841	-0.1429		
14:11:43	10.1996	7.3157	-0.1429		
14:11:53	10.165	7.3478	-0.1429		
14:12:03	10.1442	7.3591	-0.1429		
14:12:13	10.1157	7.3817	-0.1429		
14:12:23	10.1061	7.3817	-0.1429		
14:12:33	10.1365	7.3543	-0.1429		
14:12:43	10.1514	7.3448	-0.1429		
14:12:53	10.1537	7.3478	-0.1429		
14:13:03	10.1418	7.3585	-0.1441		
14:13:13	10.1287	7.3627	-0.1429		
14:13:23	10.14	7.3436	-0.1429		
14:13:33	10.1746	7.3168	-0.1429		
14:13:43	10.1918	7.3073	-0.1429		
14:13:53	10.2204	7.277	-0.1429		
14:14:03	10.2775	7.2484	-0.1429		
14:14:13	10.3043	7.2353	-0.1441		
14:14:23	10.2853	7.2597	-0.1441		
14:14:33	10.2281	7.3055	-0.1429		
14:14:43	10.1781	7.343	-0.1429		
14:14:53	10.1418	7.3627	-0.1429		
14:15:03	10.1079	7.3841	-0.1429		
14:15:13	10.0734	7.4115	-0.1429		
14:15:23	10.0811	7.3948	-0.1429		
14:15:33	10.127	7.3597	-0.1441		
14:15:43	10.1841	7.3329	-0.1441		
14:15:53	10.1954	7.3395	-0.1429		
14:16:03	10.1996	7.3401	-0.1429		
14:16:13	10.4947	6.2034	-0.1429		
14:16:23	9.0093	0.9896	-0.1441		
14:16:33	1.7645	0.817	-0.1441		
14:16:43	1.0015	0.6843	-0.1441		
14:16:53	0.8147	0.4272	-0.1429		
14:17:03	0.3624	0.216	-0.1429		
14:17:13	0.1071	0.1487	-0.1441		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
14:17:23	0.0172	0.1249	-0.1441		
14:17:33	-0.0131	0.1124	-0.1441		
14:17:43	-0.0268	0.1047	-0.1441		
14:17:53	-0.0322	0.0999	-0.1441		
14:18:03	-0.0381	0.097	-0.1441		
14:18:13	-0.0417	0.0952	-0.1441		
14:18:23	-0.0435	0.0904	-0.1441		
14:18:33	-0.0477	0.0886	-0.1429		
14:18:43	-0.0494	0.0862	-0.1441		
<b>Zero Bias</b>	<b>-0.04687</b>	<b>0.0884</b>	<b>-0.1437</b>		
14:18:53	-0.0494	0.0857	-0.1441		
14:19:03	5.8445	6.2772	-0.1429		
14:19:13	7.6221	2.6196	-0.1441		
14:19:23	7.8417	9.0641	-0.1429		
14:19:33	9.2206	9.4152	-0.1429		
14:19:43	9.3735	9.4991	-0.1429		
14:19:53	9.4878	9.5902	-0.1429		
14:20:03	9.6193	9.7282	-0.1429		
14:20:13	9.711	9.8086	-0.1429		
14:20:23	9.7741	9.8722	-0.1429		
14:20:33	9.8217	9.9252	-0.1429		
14:20:43	9.8484	9.9526	-0.1429		
14:20:53	9.8615	9.9698	-0.1429		
14:21:03	9.8675	9.977	-0.1429		
14:21:13	9.8752	9.9806	-0.1429		
14:21:23	9.8752	9.9871	-0.1429		
14:21:33	9.8752	9.9877	-0.1429		
14:21:43	9.877	9.9919	-0.1429		
14:21:53	9.877	9.9931	-0.1429		
<b>O2/CO2 Bias</b>	<b>9.8764</b>	<b>9.9909</b>	<b>-0.1429</b>		
14:22:03	9.877	9.9913	-0.1429		
14:22:13	9.8788	9.9931	-0.1429		
14:22:23	9.8788	9.9984	-0.1429		
14:22:33	9.8847	10.0115	-0.1429		
14:22:43	9.8806	10.0103	-0.1429		
14:22:53	9.8806	10.0121	-0.1429		
14:23:03	9.8806	10.0157	-0.1429		
14:23:13	9.883	10.0169	-0.1429		



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
14:23:23	9.883	10.0157	-0.1429		
14:23:33	9.883	10.0157	-0.1429		
14:23:43	9.883	10.0157	-0.1429		
14:23:53	9.8847	10.0169	-0.1429		
15:10:23	0.4314	0.097	-0.1048		
15:10:33	0.3624	0.0993	0.0535		
15:10:43	0.2957	0.097	0.0773		
15:10:53	0.2231	0.097	0.0392		
15:11:03	0.166	0.0827	0.1053		
15:11:13	0.1106	0.0785	0.0249		
15:11:23	0.0648	0.0743	-0.0506		
15:11:33	0.0327	0.072	-0.1345		
15:11:43	0.0017	0.069	-0.0512		
15:11:53	-0.0096	0.0666	-0.0209		
15:12:03	-0.0286	0.0654	0.1071		
15:12:13	0.7629	1.6383	3.7997		
15:12:23	5.5262	1.7514	21.2287		
15:12:33	17.8596	0.141	22.5052		
15:12:43	20.549	0.0946	22.5813		
15:12:53	20.8179	0.0809	22.5767		
15:13:03	20.8657	0.072	22.5697		
15:13:13	20.9135	0.0743	22.6089		
15:13:23	20.9246	0.072	22.6397		
15:13:33	20.9498	0.0708	22.6321		
15:13:43	20.9745	0.072	22.5823		
15:13:53	21.0107	0.0743	22.6195		
15:14:03	21.045	0.0755	22.6664		
15:14:13	21.0928	0.0743	22.6528		
15:14:23	21.1477	0.072	22.6966		
15:14:33	21.1995	0.0702	22.6407		
15:14:43	21.2489	0.0672	20.9755		
15:14:53	21.2872	0.0648	20.9503		
15:15:03	21.3214	0.0636	21.0248		
15:15:13	21.3521	0.0613	20.8199		
15:15:23	21.3748	0.0618	4.5133		
15:15:33	15.6716	5.963	6.104		
15:15:43	13.8785	0.4475	0.2071		
15:15:53	1.8406	0.1273	-0.081		
15:16:03	0.6427	0.0999	-0.1113		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
15:16:13	0.4998	0.0868	-0.25		
15:16:23	0.4463	0.0803	-0.2518		
15:16:33	0.4142	0.0755	-0.2595		
15:16:43	0.3832	0.0726	-0.1381		
15:16:53	0.3701	0.0726	-0.147		
<b>Zero Bias</b>	<b>0.389167</b>	<b>0.073567</b>	<b>-0.18153</b>		
15:17:03	0.3546	0.0726	-0.1441		
15:17:13	0.3285	0.0743	-0.2756		
15:17:23	0.307	0.0755	-0.3214		
15:17:33	0.2707	0.0851	0.0297		
15:17:43	2.0275	2.8672	9.1313		
15:17:53	6.1248	0.8159	20.199		
15:18:03	19.1033	0.1487	20.8219		
15:18:13	20.7665	0.1166	20.9266		
15:18:23	20.9266	0.1029	20.9588		
15:18:33	20.9649	0.0952	20.9503		
15:18:43	20.9936	0.0892	20.9503		
15:18:53	21.0183	0.0857	20.9629		
15:19:03	21.0278	0.0839	21.0394		
<b>Span Propane 21.3</b>	<b>21.01323</b>	<b>0.086267</b>	<b>20.9842</b>		
15:19:13	21.0374	0.0839	21.0802		
15:19:23	21.0565	0.0851	20.9951		
15:19:33	21.0888	0.0857	10.2162		
15:19:43	19.5726	3.1624	14.8057		
15:19:53	17.0433	1.0783	12.3699		
15:20:03	19.7765	0.1624	12.4288		
15:20:13	19.9976	0.1214	12.4509		
15:20:23	20.055	0.1059	12.4747		
15:20:33	20.0912	0.0976	12.5247		
15:20:43	20.1159	0.091	12.5122		
15:20:53	20.1391	0.088	12.5395		
15:21:03	20.1542	0.0857	12.4146		
15:21:13	20.1658	0.0857	12.3396		
15:21:23	20.1733	0.0857	12.4538		
15:21:33	20.1733	0.0862	12.477		
15:21:43	20.1753	0.0862	12.3616		
15:21:53	20.1789	0.0862	12.3985		
<b>THC Mid Bias 12.9</b>	<b>20.17583</b>	<b>0.0862</b>	<b>12.41237</b>		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
15:22:03	20.1789	0.0815	12.2848		
15:22:13	20.1809	0.0797	12.0533		
15:22:23	20.1809	0.0785	1.8275		
15:22:33	14.3939	6.4295	8.4351		
15:22:43	15.9656	1.5954	7.4067		
15:22:53	19.6678	0.2184	7.3508		
15:23:03	20.2267	0.1243	7.5019		
15:23:13	20.2841	0.1017	7.4162		
15:23:23	20.3012	0.0892	7.3912		
15:23:33	20.3088	0.0827	7.4543		
15:23:43	20.3108	0.0785	7.5477		
15:23:53	20.3123	0.0797	7.6233		
<b>THC Low Bias 7.58</b>	<b>20.31063</b>	<b>0.0803</b>	<b>7.541767</b>		
15:24:03	20.3108	0.0773	7.4984		
15:24:13	20.3068	0.0779	7.5329		
15:24:23	20.3047	0.0797	6.7461		
15:24:33	20.2801	0.1838	1.1176		
15:24:43	13.5334	6.4831	0.7438		
15:24:53	11.3207	6.9021	0.6974		
15:25:03	11.0387	7.024	0.6326		
15:25:13	10.8804	7.1371	0.601		
15:25:23	10.781	7.1948	0.5772		
15:25:33	10.7679	7.1734	0.5867		
15:25:43	10.8744	7.0788	0.5707		
15:25:53	11.0345	6.9663	0.5272		
15:26:03	11.1624	6.886	0.5457		
15:26:13	11.1797	6.9145	0.4493		
15:26:23	11.05	7.0229	0.457		
15:26:33	10.8917	7.1437	0.3207		
15:26:43	10.7274	7.246	0.3558		
15:26:53	10.6608	7.2591	0.4481		
15:27:03	10.7179	7.1823	0.435		
15:27:13	10.825	7.1086	0.4933		
15:27:23	10.9315	7.0318	0.4505		
15:27:33	10.9964	7.0157	0.4481		
15:27:43	10.9434	7.0806	0.4885		
15:27:53	10.8042	7.1734	0.3511		
15:28:03	10.653	7.2716	0.4082		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
15:28:13	10.5352	7.3395	0.3909		
15:28:23	10.4721	7.3758	0.4427		
15:28:33	10.5406	7.296	0.4255		
15:28:43	10.703	7.1681	0.3166		
15:28:53	10.8786	7.0556	0.1458		
15:29:03	10.9815	7.0324	0.3451		
15:29:13	10.9298	7.1127	0.3499		
15:29:23	10.8095	7.2192	0.3636		
15:29:33	10.6322	7.3585	0.316		
15:29:43	10.4816	7.4543	0.288		
15:29:53	10.4168	7.4692	0.3778		
15:30:03	10.5138	7.3591	0.4243		
15:30:13	10.6935	7.227	0.4445		
15:30:23	10.8917	7.0842	0.2624		
15:30:33	10.9756	7.0663	0.2225		
15:30:43	10.9411	7.1228	0.213		
15:30:53	10.806	7.2276	0.1452		
15:31:03	10.6667	7.3276	0.1553		
15:31:13	10.5501	7.3883	0.2588		
15:31:23	10.4989	7.4275	0.2559		
15:31:33	10.4739	7.4537	0.3814		
15:31:43	10.5066	7.4359	0.3832		
15:31:53	10.5578	7.4257	0.3737		
15:32:03	10.5923	7.4371	0.4362		
15:32:13	10.6114	7.4478	0.4981		
15:32:23	10.5864	7.4734	0.4124		
15:32:33	10.5501	7.5049	0.4475		
15:32:43	10.5043	7.5186	0.3475		
15:32:53	10.4989	7.5204	0.2344		
15:33:03	10.4608	7.5507	0.2826		
15:33:13	10.4721	7.5341	0.2814		
15:33:23	10.5138	7.4864	0.2832		
15:33:33	10.6286	7.3906	0.2701		
15:33:43	10.7447	7.2972	0.3398		
15:33:53	10.8423	7.2317	0.2023		
15:34:03	10.8595	7.2502	0.1797		
15:34:13	10.7679	7.3383	0.2707		
15:34:23	10.6495	7.4186	0.2559		
15:34:33	10.512	7.5085	0.3064		
15:34:43	10.4626	7.5305	0.3624		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
15:34:53	10.5084	7.4609	0.3814		
15:35:03	10.6608	7.3508	0.3588		
15:35:13	10.8042	7.249	0.4463		
15:35:23	10.9244	7.1806	0.3064		
15:35:33	10.9411	7.221	0.3909		
15:35:43	10.8232	7.3043	0.4445		
15:35:53	10.6399	7.4519	0.3654		
15:36:03	10.4263	7.5602	0.3719		
15:36:13	10.3347	7.5971	0.3177		
15:36:23	10.3823	7.5192	0.2892		
15:36:33	10.537	7.4103	0.2529		
15:36:43	10.6858	7.2972	0.3529		
15:36:53	10.7982	7.2508	0.3749		
15:37:03	10.7869	7.3002	0.3017		
15:37:13	10.6554	7.3966	-0.0018		
15:37:23	10.5138	7.4757	0.2088		
15:37:33	10.415	7.5108	0.2612		
15:37:43	10.371	7.5019	0.2594		
15:37:53	10.4566	7.4138	0.3606		
15:38:03	10.5905	7.3073	0.2243		
15:38:13	10.7447	7.2056	0.194		
15:38:23	10.8286	7.1722	0.3451		
15:38:33	10.7982	7.2347	0.2612		
15:38:43	10.6876	7.321	0.3636		
15:38:53	10.5656	7.4061	0.5028		
15:39:03	10.4739	7.4609	0.4701		
15:39:13	10.4453	7.4537	0.5034		
15:39:23	10.5751	7.343	0.5391		
15:39:33	10.7066	7.2567	0.5808		
15:39:43	10.8381	7.1734	0.6248		
15:39:53	10.9071	7.1591	0.657		
<b>Start Run 1B</b>					
15:40:03	10.8113	7.2645	0.5838		0.5838
15:40:13	10.6512	7.3817	0.6468		0.6468
15:40:23	10.4608	7.4995	0.7194		0.7194
15:40:33	10.371	7.5299	0.5629		0.5629
15:40:43	10.365	7.5138	0.4963		0.4963
15:40:53	10.4626	7.4317	0.7165		0.7165
15:41:03	10.6096	7.324	0.576		0.576

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
15:41:13	10.7411	7.2436	0.679	0.679
15:41:23	10.7828	7.2585	0.6058	0.6058
15:41:33	10.7369	7.3168	0.5207	0.5207
15:41:43	10.6364	7.4204	0.3856	0.3856
15:41:53	10.4912	7.5186	0.4082	0.4082
15:42:03	10.3692	7.5775	0.2987	0.2987
15:42:13	10.3388	7.5668	0.2957	0.2957
15:42:23	10.3406	7.5561	0.3415	0.3415
15:42:33	10.3942	7.5126	0.3594	0.3594
15:42:43	10.4549	7.4751	0.2005	0.2005
15:42:53	10.4989	7.4573	0.0565	0.0565
15:43:03	10.4816	7.4674	0.0422	0.0422
15:43:13	10.4662	7.471	0.0154	0.0154
15:43:23	10.4531	7.4763	0.0261	0.0261
15:43:33	10.4227	7.487	0.1344	0.1344
15:43:43	10.4132	7.4912	0.2005	0.2005
15:43:53	10.415	7.4918	0.1279	0.1279
15:44:03	10.3805	7.5239	0.1124	0.1124
15:44:13	10.3596	7.5293	0.0678	0.0678
15:44:23	10.3674	7.5043	-0.1708	-0.1708
15:44:33	10.4644	7.4216	-0.1179	-0.1179
15:44:43	10.5769	7.3317	-0.1173	-0.1173
15:44:53	10.6989	7.2502	-0.103	-0.103
15:45:03	10.7369	7.2555	-0.1667	-0.1667
15:45:13	10.678	7.3246	-0.1631	-0.1631
15:45:23	10.5542	7.4168	-0.1143	-0.1143
15:45:33	10.4245	7.5025	-0.2643	-0.2643
15:45:43	10.3388	7.5287	-0.1018	-0.1018
15:45:53	10.3596	7.471	-0.0917	-0.0917
15:46:03	10.5043	7.3573	-0.1518	-0.1518
15:46:13	10.6649	7.2436	-0.122	-0.122
15:46:23	10.7923	7.1615	-0.1869	-0.1869
15:46:33	10.8328	7.1621	-0.2238	-0.2238
15:46:43	10.7584	7.2407	-0.0744	-0.0744
15:46:53	10.6114	7.3531	-0.1363	-0.1363
15:47:03	10.4584	7.4478	-0.1441	-0.1441
15:47:13	10.3614	7.5204	-0.2137	-0.2137
15:47:23	10.287	7.5602	-0.2738	-0.2738
15:47:33	10.2698	7.5757	-0.2863	-0.2863
15:47:43	10.287	7.5775	-0.3309	-0.3309

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
15:47:53	10.262	7.6352	-0.244	-0.244
15:48:03	10.1383	7.7566	-0.1708	-0.1708
15:48:13	9.9306	7.9197	-0.1714	-0.1714
15:48:23	9.6997	8.0643	-0.2536	-0.2536
15:48:33	9.5336	8.1411	-0.2553	-0.2553
15:48:43	9.4842	8.1577	-0.2393	-0.2393
15:48:53	9.5372	8.0917	-0.303	-0.303
15:49:03	9.6538	8.0238	-0.3327	-0.3327
15:49:13	9.7568	7.9756	-0.4178	-0.4178
15:49:23	9.8294	7.9441	-0.4672	-0.4672
15:49:33	9.8026	8.0018	-0.5237	-0.5237
15:49:43	9.6669	8.1167	-0.5761	-0.5761
15:49:53	9.5051	8.2333	-0.6463	-0.6463
15:50:03	9.3735	8.3119	-0.6809	-0.6809
15:50:13	9.3355	8.3244	-0.763	-0.763
15:50:23	9.4098	8.2434	-0.5904	-0.5904
15:50:33	9.5372	8.1726	-0.7344	-0.7344
15:50:43	9.6824	8.0762	-0.7493	-0.7493
15:50:53	9.7741	8.0357	-0.7886	-0.7886
15:51:03	9.7741	8.0566	-0.779	-0.779
15:51:13	9.7205	8.1006	-0.4952	-0.4952
15:51:23	9.608	8.2059	-0.5053	-0.5053
15:51:33	9.4247	8.316	-0.4452	-0.4452
15:51:43	9.345	8.3589	-0.5386	-0.5386
15:51:53	9.3866	8.2946	-0.5809	-0.5809
15:52:03	9.4342	8.2708	-0.4624	-0.4624
15:52:13	9.4307	8.2821	-0.4529	-0.4529
15:52:23	9.3849	8.3547	-0.4845	-0.4845
15:52:33	9.2266	8.4975	-0.3595	-0.3595
15:52:43	9.1159	8.5797	-0.2649	-0.2649
15:52:53	9.6788	7.8709	-0.206	-0.206
15:53:03	9.5735	8.3595	-0.0369	-0.0369
15:53:13	9.1444	8.5898	0.3683	0.3683
15:53:23	9.173	8.5594	0.5219	0.5219
15:53:33	9.2551	8.4755	0.5772	0.5772
15:53:43	9.4438	8.3482	0.7153	0.7153
15:53:53	9.5527	8.297	0.8051	0.8051
15:54:03	9.5812	8.3291	0.9093	0.9093
15:54:13	9.5449	8.3619	0.6962	0.6962
15:54:23	9.4652	8.4464	0.6944	0.6944

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
15:54:33	9.3789	8.4958	0.7421	0.7421
15:54:43	9.364	8.488	0.8777	0.8777
15:54:53	9.4057	8.3755	0.9617	0.9617
15:55:03	9.442	8.3279	1.0997	1.0997
15:55:13	9.5908	8.2327	1.0825	1.0825
15:55:23	9.6366	8.2488	1.0366	1.0366
15:55:33	9.6461	8.2428	0.842	0.842
15:55:43	9.6806	8.2137	0.7325	0.7325
15:55:53	9.614	8.2791	0.7718	0.7718
15:56:03	9.5354	8.322	0.7421	0.7421
15:56:13	9.5241	8.2982	0.7183	0.7183
15:56:23	9.5848	8.2375	0.7575	0.7575
15:56:33	9.6402	8.1958	0.6802	0.6802
15:56:43	9.686	8.178	0.729	0.729
15:56:53	9.6366	8.2405	0.698	0.698
15:57:03	9.5223	8.3107	0.6629	0.6629
15:57:13	9.5414	8.2363	0.4743	0.4743
15:57:23	9.5146	8.2714	0.5897	0.5897
15:57:33	9.4307	8.3434	0.6153	0.6153
15:57:43	9.4039	8.3416	0.5772	0.5772
15:57:53	9.4801	8.2565	0.5582	0.5582
15:58:03	9.6271	8.1506	0.5897	0.5897
15:58:13	9.755	8.0661	0.5992	0.5992
15:58:23	9.8806	7.978	0.6284	0.6284
15:58:33	9.999	7.8792	0.601	0.601
15:58:43	10.1704	7.7537	0.5867	0.5867
15:58:53	10.3769	7.5936	0.6706	0.6706
15:59:03	10.581	7.4585	0.4749	0.4749
15:59:13	10.7602	7.3222	0.6088	0.6088
15:59:23	10.9149	7.227	0.6028	0.6028
15:59:33	10.9643	7.2222	0.6409	0.6409
15:59:43	10.9107	7.2782	0.7069	0.7069
15:59:53	10.7524	7.4043	0.7266	0.7266
16:00:03	10.5578	7.5293	0.745	0.745
16:00:13	10.4263	7.5745	0.7087	0.7087
16:00:23	10.3424	7.5971	0.72	0.72
16:00:33	10.3269	7.5894	0.7629	0.7629
16:00:43	10.3311	7.5811	0.5409	0.5409
16:00:53	10.2739	7.6489	0.5522	0.5522
16:01:03	10.121	7.7626	0.4481	0.4481



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test
				Regression Analysis Corrected THC Result (ppm)
16:01:13	9.8847	7.9322	0.4272	0.4272
16:01:23	9.6693	8.0566	0.2975	0.2975
16:01:33	9.5562	8.1036	0.0898	0.0898
16:01:43	9.589	8.0536	0.1767	0.1767
16:01:53	9.6919	7.9762	0.2178	0.2178
16:02:03	9.8062	7.9102	0.1291	0.1291
16:02:13	9.8062	7.9548	0.11	0.11
16:02:23	9.6824	8.0494	0.1214	0.1214
16:02:33	9.5372	8.1304	0.1172	0.1172
16:02:43	9.5033	8.1185	0.1719	0.1719
16:02:53	9.5735	8.0435	0.2481	0.2481
16:03:03	9.6979	7.9596	0.3166	0.3166
16:03:13	9.7508	7.9619	0.2374	0.2374
16:03:23	9.6521	8.0679	0.2338	0.2338
16:03:33	9.4819	8.194	0.2814	0.2814
16:03:43	9.3313	8.2982	0.2927	0.2927
16:03:53	9.198	8.4237	0.3719	0.3719
16:04:03	9.1331	8.4898	0.3273	0.3273
16:04:13	9.0718	8.5755	0.3874	0.3874
16:04:23	9.0587	8.5934	0.2737	0.2737
16:04:33	9.1028	8.5678	0.3761	0.3761
16:04:43	9.2682	8.4273	0.2862	0.2862
16:04:53	9.4438	8.2994	0.1648	0.1648
16:05:03	9.5753	8.2363	-0.0048	-0.0048
16:05:13	9.5985	8.2643	0.1041	0.1041
16:05:23	9.5396	8.3291	0.1059	0.1059
16:05:33	9.4497	8.4148	0.1469	0.1469
16:05:43	9.3277	8.5023	0.0708	0.0708
16:05:53	9.2611	8.535	0.3213	0.3213
16:06:03	9.2819	8.4654	-0.0363	-0.0363
16:06:13	9.4461	8.3202	0.0821	0.0821
16:06:23	9.6175	8.1958	0.1327	0.1327
16:06:33	9.7604	8.1185	-0.0131	-0.0131
16:06:43	9.8181	8.1119	0.0898	0.0898
16:06:53	9.7776	8.1673	-0.0114	-0.0114
16:07:03	9.6919	8.219	-0.075	-0.075
16:07:13	9.6116	8.2452	-0.1857	-0.1857
16:07:23	9.5967	8.2411	-0.1774	-0.1774
16:07:33	9.6116	8.1863	-0.3119	-0.3119
16:07:43	9.73	8.0875	-0.2518	-0.2518

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:07:53	9.8467	8.0054	-0.2565		-0.2565
16:08:03	9.8865	8.006	-0.3125		-0.3125
16:08:13	9.8389	8.0655	-0.5386		-0.5386
16:08:23	9.7568	8.1244	-0.5827		-0.5827
16:08:33	9.6461	8.2149	-0.5178		-0.5178
16:08:43	9.5318	8.2815	-0.6463		-0.6463
16:08:53	9.4592	8.3214	-0.5499		-0.5499
16:09:03	9.5069	8.2488	-0.5624		-0.5624
16:09:13	9.6348	8.1536	-0.4404		-0.4404
16:09:23	9.7604	8.0685	-0.3726		-0.3726
16:09:33	9.8389	8.0506	-0.3119		-0.3119
16:09:43	9.7967	8.1048	-0.3577		-0.3577
16:09:53	9.7223	8.1548	-0.3327		-0.3327
16:10:03	9.6443	8.2291	-0.4398		-0.4398
16:10:13	9.5777	8.2791	-0.4851		-0.4851
16:10:23	9.5277	8.294	-0.6606		-0.6606
16:10:33	9.5985	8.219	-0.5589		-0.5589
16:10:43	9.7223	8.1173	-0.5749		-0.5749
16:10:53	9.8752	8.0101	-0.5815		-0.5815
16:11:03	9.9574	7.9738	-0.5981		-0.5981
16:11:13	9.9627	7.9834	-0.7189		-0.7189
16:11:23	9.8925	8.0506	-0.6713		-0.6713
16:11:33	9.7871	8.1066	-0.6332		-0.6332
16:11:43	9.7205	8.1167	-0.7975		-0.7975
16:11:53	9.7092	8.1107	-0.6874		-0.6874
16:12:03	9.6901	8.1196	-0.6725		-0.6725
16:12:13	9.6669	8.128	-0.6963		-0.6963
16:12:23	9.6044	8.1726	-0.8528		-0.8528
16:12:33	9.5562	8.1815	-0.785		-0.785
16:12:43	9.5604	8.1548	-0.8975		-0.8975
16:12:53	9.6806	8.056	-0.9058		-0.9058
16:13:03	9.7913	7.9703	-0.8885		-0.8885
16:13:13	9.902	7.9102	-1.0641		-1.0641
16:13:23	9.9496	7.8983	-1.0147		-1.0147
16:13:33	9.9038	7.9566	-0.9891		-0.9891
16:13:43	9.8044	8.0274	-0.9915		-0.9915
16:13:53	9.6592	8.1256	-0.9992		-0.9992
16:14:03	9.5658	8.1756	-0.9534		-0.9534
16:14:13	9.5301	8.1631	-0.8957		-0.8957
16:14:23	9.6348	8.0649	-0.9498		-0.9498

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:14:33	9.7645	7.9792	-0.9969		-0.9969
16:14:43	9.858	7.925	-0.9736		-0.9736
16:14:53	9.902	7.9875	-1.095		-1.095
16:15:03	9.858	7.9721	-1.1212		-1.1212
16:15:13	9.7627	8.047	-1.1813		-1.1813
16:15:23	9.6634	8.1143	-1.1206		-1.1206
16:15:33	9.6044	8.1292	-1.1694		-1.1694
16:15:43	9.6425	8.0613	-1.1712		-1.1712
16:15:53	9.7818	7.9667	-1.0623		-1.0623
16:16:03	9.902	7.8816	-1.0349		-1.0349
16:16:13	9.9913	7.8376	-1.0826		-1.0826
16:16:23	9.9931	7.8614	-1.0177		-1.0177
16:16:33	9.9264	7.9108	-1.0689		-1.0689
16:16:43	9.8502	7.9685	-1.0302		-1.0302
16:16:53	9.7627	8.0107	-0.951		-0.951
16:17:03	9.7092	8.028	-0.9118		-0.9118
16:17:13	9.7282	7.9792	-0.8487		-0.8487
16:17:23	9.8312	7.8995	-0.9487		-0.9487
16:17:33	9.9324	7.8269	-0.929		-0.929
16:17:43	10.0163	7.787	-0.7999		-0.7999
16:17:53	9.98	7.8542	-0.7945		-0.7945
16:18:03	9.8865	7.9262	-0.7963		-0.7963
16:18:13	9.7985	7.9994	-0.7856		-0.7856
16:18:23	9.6788	8.0899	-0.9308		-0.9308
16:18:33	9.5753	8.1417	-0.9487		-0.9487
16:18:43	9.5848	8.0952	-1.026		-1.026
16:18:53	9.6634	8.0334	-1.0718		-1.0718
16:19:03	9.7723	7.959	-1.0879		-1.0879
16:19:13	9.8502	7.9441	-1.0516		-1.0516
16:19:23	9.8312	7.9887	-1.17		-1.17
16:19:33	9.7508	8.0441	-1.0718		-1.0718
16:19:43	9.6592	8.1298	-1.1522		-1.1522
16:19:53	9.5812	8.1649	-1.1986		-1.1986
16:20:03	9.5604	8.1762	-1.1885		-1.1885
16:20:13	9.6235	8.1066	-1.2968		-1.2968
16:20:23	9.7473	8.0107	-1.2557		-1.2557
16:20:33	9.8752	7.9322	-1.2968		-1.2968
16:20:43	9.9514	7.9001	-1.295		-1.295
16:20:53	9.9282	7.9506	-1.2885		-1.2885
16:21:03	9.8467	8.0161	-1.1718		-1.1718

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:21:13	9.7627	8.0845	-1.1319		-1.1319
16:21:23	9.6652	8.1435	-1.2123		-1.2123
16:21:33	9.6211	8.1387	-1.2932		-1.2932
16:21:43	9.7092	8.0566	-1.2581		-1.2581
16:21:53	9.8199	7.9685	-1.292		-1.292
16:22:03	9.9359	7.8911	-1.173		-1.173
16:22:13	9.9931	7.8828	-1.2272		-1.2272
16:22:23	9.974	7.9108	-1.1599		-1.1599
16:22:33	9.9246	7.9542	-1.1349		-1.1349
16:22:43	9.8348	8.0274	-1.1891		-1.1891
16:22:53	9.7871	8.0351	-1.1522		-1.1522
16:23:03	9.7949	7.9685	-1.1617		-1.1617
16:23:13	9.9133	7.9048	-1.1843		-1.1843
16:23:23	10.0579	7.828	-1.2284		-1.2284
16:23:33	10.2013	7.7382	-1.1349		-1.1349
16:23:43	10.2698	7.7287	-1.0748		-1.0748
16:23:53	10.2317	7.7864	-1.1022		-1.1022
16:24:03	10.1305	7.8709	-1.1825		-1.1825
16:24:13	10.0008	7.9483	-1.2819		-1.2819
16:24:23	9.9282	7.9857	-1.151		-1.151
16:24:33	9.9377	7.9435	-1.0814		-1.0814
16:24:43	10.0698	7.8382	-1.0861		-1.0861
16:24:53	10.2204	7.7293	-1.1433		-1.1433
16:25:03	10.3442	7.6674	-1.1587		-1.1587
16:25:13	10.3787	7.6757	-1.2777		-1.2777
16:25:23	10.3216	7.7406	-1.2902		-1.2902
16:25:33	10.1877	7.8435	-1.2855		-1.2855
16:25:43	10.0389	7.9298	-1.2462		-1.2462
16:25:53	9.9609	7.9602	-1.2539		-1.2539
16:26:03	10.005	7.8887	-1.1909		-1.1909
16:26:13	10.121	7.8108	-1.0147		-1.0147
16:26:23	10.243	7.7239	-0.8689		-0.8689
16:26:33	10.3079	7.7114	-0.6648		-0.6648
16:26:43	10.268	7.7667	-0.4244		-0.4244
16:26:53	10.1936	7.8263	0.0345		0.0345
16:27:03	10.0811	7.906	0.8611		0.8611
16:27:13	9.98	7.9655	1.5853		1.5853
16:27:23	9.9306	7.9965	2.1977		2.1977
16:27:33	9.9133	7.9965	2.8023		2.8023
16:27:43	9.9169	7.9965	3.2076		3.2076

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:27:53	9.9282	7.9816	3.8587		3.8587
16:28:03	9.9151	8.003	4.3437		4.3437
16:28:13	9.9246	7.9869	4.6555		4.6555
16:28:23	9.955	7.9489	5.0013		5.0013
16:28:33	10.0639	7.8346	5.4089		5.4089
16:28:43	10.1877	7.759	5.5488		5.5488
16:28:53	10.2906	7.69	5.8874		5.8874
16:29:03	10.2888	7.7221	6.101		6.101
16:29:13	10.2031	7.7935	6.1546		6.1546
16:29:23	10.0752	7.8816	6.229		6.229
16:29:33	9.9437	7.9613	6.1974		6.1974
16:29:43	9.8788	7.956	6.201		6.201
16:29:53	9.9704	7.8774	6.3117		6.3117
16:30:03	10.1061	7.7727	6.2546		6.2546
16:30:13	10.243	7.706	6.2558		6.2558
16:30:23	10.2835	7.7144	6.1498		6.1498
16:30:33	10.224	7.781	5.9362		5.9362
16:30:43	10.1002	7.8721	6.0219		6.0219
16:30:53	9.999	7.9358	6.0754		6.0754
16:31:03	10.0067	7.8899	5.9296		5.9296
16:31:13	10.1133	7.8048	5.9249		5.9249
16:31:23	10.2525	7.7055	5.8189		5.8189
16:31:33	10.346	7.6727	5.7214		5.7214
16:31:43	10.3251	7.7245	5.6345		5.6345
16:31:53	10.2127	7.8197	5.6297		5.6297
16:32:03	10.0889	7.9018	5.6845		5.6845
16:32:13	9.9954	7.9542	5.6327		5.6327
16:32:23	9.9764	7.9298	5.5613		5.5613
16:32:33	10.0448	7.8685	5.4155		5.4155
16:32:43	10.1609	7.7816	5.397		5.397
16:32:53	10.249	7.7531	5.2845		5.2845
16:33:03	10.2567	7.7751	5.2131		5.2131
16:33:13	10.1555	7.8757	5.2762		5.2762
16:33:23	10.0067	7.9834	5.3905		5.3905
16:33:33	9.883	8.0518	5.4613		5.4613
16:33:43	9.8961	8.003	5.4536		5.4536
16:33:53	9.9972	7.9227	5.2875		5.2875
16:34:03	10.1192	7.8465	5.3304		5.3304
16:34:13	10.2067	7.8019	5.3476		5.3476
16:34:23	10.2091	7.8292	5.4		5.4

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
16:34:33	10.1037	7.9262	5.3732		5.3732
16:34:43	9.9496	8.0274	5.1596		5.1596
16:34:53	9.8752	8.0411	5.1929		5.1929
16:35:03	9.9401	7.9602	5.0864		5.0864
16:35:13	10.0603	7.8655	5.1066		5.1066
16:35:23	10.2013	7.7644	4.9548		4.9548
16:35:33	10.249	7.7548	4.7222		4.7222
16:35:43	10.2127	7.7911	4.6365		4.6365
16:35:53	10.0811	7.9024	4.5621		4.5621
16:36:03	9.9377	7.9709	4.5859		4.5859
16:36:13	9.8847	7.9631	4.4395		4.4395
16:36:23	9.9687	7.884	4.3377		4.3377
16:36:33	10.0984	7.7858	4.186		4.186
16:36:43	10.2186	7.7245	4.0259		4.0259
16:36:53	10.2376	7.7382	3.9134		3.9134
16:37:03	10.1877	7.7888	3.9069		3.9069
16:37:13	10.0639	7.8834	3.8378		3.8378
16:37:23	9.9419	7.9512	3.4337		3.4337
16:37:33	9.9187	7.9155	3.5058		3.5058
16:37:43	9.9972	7.8518	3.4814		3.4814
16:37:53	10.1323	7.7584	3.423		3.423
16:38:03	10.2394	7.6995	3.3802		3.3802
16:38:13	10.3097	7.6935	3.2778		3.2778
16:38:23	10.2186	7.8072	3.1142		3.1142
16:38:33	10.0674	7.9054	2.9957		2.9957
16:38:43	9.999	7.9185	3.1415		3.1415
16:38:53	10.1097	7.7888	3.1618		3.1618
16:39:03	10.3156	7.6251	3.113		3.113
16:39:13	10.5406	7.4668	3.235		3.235
16:39:23	10.6917	7.3889	3.3266		3.3266
16:39:33	10.7161	7.4002	3.2998		3.2998
16:39:43	10.6459	7.465	2.9434		2.9434
16:39:53	10.5715	7.5132	2.969		2.969
16:40:03	10.5066	7.5537	2.994		2.994
16:40:13	10.531	7.4966	3.0511		3.0511
16:40:23	10.6495	7.3787	3.032		3.032
16:40:33	10.8268	7.2484	2.994		2.994
16:40:43	10.947	7.1841	2.9321		2.9321
16:40:53	10.9661	7.1978	2.91		2.91
16:41:03	10.8899	7.2704	2.8648		2.8648

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	16:41:13	10.7792	7.3424	2.7666	2.7666
	16:41:23	10.6858	7.396	2.7375	2.7375
	16:41:33	10.6459	7.4013	2.7517	2.7517
	16:41:43	10.6495	7.3865	2.7029	2.7029
	16:41:53	10.684	7.3609	2.8565	2.8565
	16:42:03	10.7256	7.3347	2.7761	2.7761
	16:42:13	10.7566	7.3258	2.6173	2.6173
	16:42:23	10.7506	7.3466	2.6869	2.6869
	16:42:33	10.6745	7.421	2.5274	2.5274
	16:42:43	10.6001	7.4841	2.5363	2.5363
	16:42:53	10.5542	7.5406	2.4863	2.4863
	16:43:03	10.4947	7.6001	2.4447	2.4447
	16:43:13	10.4626	7.643	2.4131	2.4131
	16:43:23	10.4584	7.6721	2.2995	2.2995
	16:43:33	10.493	7.6721	2.2388	2.2388
	16:43:43	10.5215	7.6656	2.2167	2.2167
	16:43:53	10.5542	7.6697	2.7708	2.7708
<b>Start Calibration</b>					
	16:44:03	10.6816	7.0972	2.3471	
	16:44:13	12.8793	0.6855	1.8627	
	16:44:23	1.9799	0.3737	1.8543	
	16:44:33	0.3624	0.2636	1.8359	
	16:44:43	0.1469	0.2053	1.7359	
	16:44:53	0.1011	0.1916	1.6484	
	16:45:03	0.0803	0.1797	1.6389	
	16:45:13	0.063	0.1678	1.6169	
	16:45:23	0.0517	0.1636	1.6157	
	16:45:33	0.0404	0.1541	1.6062	
	16:45:43	0.0309	0.1475	1.5978	
	16:45:53	0.0232	0.1446	1.6234	
	16:46:03	0.0154	0.141	1.605	
	16:46:13	0.0077	0.1303	1.5508	
	16:46:23	0.0041	0.1285	1.3812	
	16:46:33	0.0017	0.1261	1.6817	
	16:46:43	4.0937	5.3768	2.7642	
	16:46:53	5.8047	1.7651	11.3332	
	16:47:03	16.9728	0.2243	12.1563	
	16:47:13	19.563	0.1672	12.1628	
	16:47:23	19.845	0.1475	12.2967	

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
16:47:33	19.9251	0.1339	12.367		
16:47:43	19.9749	0.1237	12.4884		
16:47:53	20.0072	0.1178	12.4634		
16:48:03	20.0303	0.1112	12.3033		
16:48:13	20.0495	0.1077	12.2527		
16:48:23	20.0605	0.1041	12.2134		
16:48:33	20.0681	0.1041	12.2824		
<b>THC Mid Bias</b>	<b>20.05937</b>	<b>0.1053</b>	<b>12.2495</b>		
16:48:43	20.0761	0.1053	12.1593		
16:48:53	20.0797	0.1023	12.1771		
16:49:03	20.0837	0.0999	12.0771		
16:49:13	20.0837	0.0976	6.5611		
16:49:23	18.8495	3.0558	7.3674		
16:49:33	14.695	2.2905	1.3651		
16:49:43	4.4181	0.21	0.6564		
16:49:53	0.6105	0.1434	0.6712		
16:50:03	0.2707	0.122	0.6897		
16:50:13	0.1755	0.11	0.4028		
16:50:23	0.1202	0.1023	0.2422		
16:50:33	0.0821	0.1059	0.1118		
16:50:43	0.0517	0.094	0.0565		
16:50:53	0.0363	0.0922	0.0809		
16:51:03	0.0309	0.0892	0.1452		
16:51:13	0.0232	0.0862	0.0696		
16:51:23	0.0154	0.0839	-0.0602		
16:51:33	0.0136	0.0815	-0.0239		
16:51:43	0.0095	0.0803	-0.0584		
16:51:53	0.0077	0.0785	-0.1161		
16:52:03	0.0059	0.0773	-0.084		
16:52:13	0.0017	0.0749	-0.0893		
16:52:23	0.0041	0.0743	-0.1488		
16:52:33	0.0017	0.0732	-0.0846		
16:52:43	0.0017	0.0726	-0.181		
<b>Zero Bias</b>	<b>0.0025</b>	<b>0.073367</b>	<b>-0.13813</b>		
16:52:53	0.0017	0.0797	-0.0619		
16:53:03	0.5552	1.3509	0.4082		
16:53:13	8.5987	7.127	0.4772		
16:53:23	10.1174	7.1972	0.4939		



	O2	CO2	THC	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	(%)	(%)	(ppm )		
16:53:33	10.4644	7.1478	0.4272		
16:53:43	10.6459	7.105	0.4939		
16:53:53	10.6876	7.177	0.3874		
16:54:03	10.6019	7.2776	0.3778		
16:54:13	10.4358	7.4216	0.4427		
16:54:23	10.3025	7.4942	0.46		
<b>Resume Run 1B</b>					
16:54:33	10.268	7.4989	0.4052	1.2663216	1.266322
16:54:43	10.3745	7.4103	0.4635	1.3287712	1.328771
16:54:53	10.531	7.3002	0.5064	1.3747248	1.374725
16:55:03	10.6798	7.2181	0.5611	1.4333182	1.433318
16:55:13	10.7661	7.1853	0.4635	1.3287712	1.328771
16:55:23	10.7084	7.2758	0.4731	1.3390545	1.339055
16:55:33	10.5465	7.3805	0.4034	1.2643935	1.264393
16:55:43	10.3918	7.4805	0.3713	1.2300087	1.230009
16:55:53	10.2603	7.5454	0.3862	1.2459692	1.245969
16:56:03	10.2091	7.5394	0.3207	1.1758071	1.175807
16:56:13	10.3311	7.424	0.2469	1.0967542	1.096754
16:56:23	10.5138	7.2895	0.166	1.010096	1.010096
16:56:33	10.6935	7.1895	0.1648	1.0088105	1.008811
16:56:43	10.7679	7.1704	0.0934	0.9323285	0.932328
16:56:53	10.7334	7.2377	0.1327	0.9744257	0.974426
16:57:03	10.6227	7.3347	0.144	0.98653	0.98653
16:57:13	10.5138	7.4025	0.0928	0.9316858	0.931686
16:57:23	10.4721	7.4156	0.0964	0.935542	0.935542
16:57:33	10.4894	7.4073	0.0696	0.9068344	0.906834
16:57:43	10.5066	7.4049	0.0279	0.8621663	0.862166
16:57:53	10.5257	7.3668	0.047	0.8826258	0.882626
16:58:03	10.5673	7.3787	0.0095	0.8424567	0.842457
16:58:13	10.562	7.3841	0.066	0.9029782	0.902978
16:58:23	10.5501	7.3972	-0.0149	0.81632	0.81632
16:58:33	10.5786	7.349	-0.0268	0.8035729	0.803573
16:58:43	10.6322	7.2996	-0.0334	0.7965032	0.796503
16:58:53	10.7203	7.2323	-0.0941	0.7314827	0.731483
16:59:03	10.7697	7.2186	-0.0369	0.7927541	0.792754
16:59:13	10.7256	7.2799	-0.0256	0.8048584	0.804858
16:59:23	10.6191	7.3561	-0.0036	0.8284243	0.828424
16:59:33	10.4721	7.4722	-0.0018	0.8303524	0.830352
16:59:43	10.3251	7.5537	-0.078	0.7487287	0.748729

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
16:59:53	10.287	7.5561	-0.2863	0.5256024	0.525602
17:00:03	10.3942	7.4543	-0.3756	0.4299463	0.429946
17:00:13	10.5673	7.3329	-0.2661	0.5472402	0.54724
17:00:23	10.7334	7.221	-0.3518	0.4554403	0.45544
17:00:33	10.8441	7.1776	-0.3946	0.4095939	0.409594
17:00:43	10.8113	7.2425	-0.4339	0.3674966	0.367497
17:00:53	10.6703	7.3561	-0.3869	0.417842	0.417842
17:01:03	10.4703	7.487	-0.3797	0.4255544	0.425554
17:01:13	10.3079	7.5614	-0.3643	0.4420506	0.442051
17:01:23	10.2525	7.5745	-0.3155	0.494324	0.494324
17:01:33	10.3174	7.4942	-0.3059	0.5046073	0.504607
17:01:43	10.4608	7.3865	-0.4755	0.3229356	0.322936
17:01:53	10.6269	7.2597	-0.394	0.4102366	0.410237
17:02:03	10.7542	7.2085	-0.4654	0.3337545	0.333755
17:02:13	10.7274	7.2728	-0.4226	0.3796009	0.379601
17:02:23	10.6054	7.3704	-0.4797	0.3184367	0.318437
17:02:33	10.4299	7.4906	-0.5196	0.2756967	0.275697
17:02:43	10.3174	7.543	-0.4321	0.3694247	0.369425
17:02:53	10.3025	7.5263	-0.4136	0.3892415	0.389242
17:03:03	10.4037	7.4311	-0.4529	0.3471442	0.347144
17:03:13	10.5483	7.3216	-0.4327	0.368782	0.368782
17:03:23	10.7203	7.2085	-0.497	0.2999053	0.299905
17:03:33	10.8095	7.1841	-0.5017	0.2948708	0.294871
17:03:43	10.7542	7.2514	-0.4904	0.3069751	0.306975
17:03:53	10.6322	7.343	-0.497	0.2999053	0.299905
17:04:03	10.4816	7.4341	-0.5148	0.2808384	0.280838
17:04:13	10.384	7.4817	-0.4309	0.3707101	0.37071
17:04:23	10.3632	7.4591	-0.5226	0.2724832	0.272483
17:04:33	10.4703	7.3746	-0.494	0.3031188	0.303119
17:04:43	10.5715	7.2972	-0.4166	0.386028	0.386028
17:04:53	10.6667	7.2514	-0.4184	0.3840999	0.3841
17:05:03	10.653	7.2978	-0.4416	0.3592485	0.359249
17:05:13	10.512	7.4377	-0.466	0.3331118	0.333112
17:05:23	10.3364	7.5436	-0.5731	0.2183887	0.218389
17:05:33	10.2049	7.618	-0.4708	0.3279702	0.32797
17:05:43	10.2204	7.5549	-0.5226	0.2724832	0.272483
17:05:53	10.3364	7.4638	-0.5416	0.2521308	0.252131
17:06:03	10.4852	7.3716	-0.5446	0.2489173	0.248917
17:06:13	10.5733	7.3502	-0.5452	0.2482746	0.248275
17:06:23	10.5483	7.4133	-0.5368	0.2572725	0.257272

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:06:33	10.4073	7.5329	-0.5083	0.287801	0.287801
17:06:43	10.2793	7.6144	-0.7142	0.0672456	0.067246
17:06:53	10.1609	7.6977	-0.6749	0.1093428	0.109343
17:07:03	10.0889	7.7293	-0.641	0.1456558	0.145656
17:07:13	10.0942	7.7179	-0.66	0.1253034	0.125303
17:07:23	10.1418	7.6924	-0.6523	0.1335515	0.133551
17:07:33	10.1781	7.6805	-0.6237	0.1641871	0.164187
17:07:43	10.1954	7.6757	-0.6809	0.1029158	0.102916
17:07:53	10.2013	7.6572	-0.6273	0.1603309	0.160331
17:08:03	10.2811	7.5888	-0.594	0.1960011	0.196001
17:08:13	10.3882	7.5007	-0.7457	0.0335035	0.033503
17:08:23	10.4531	7.471	-0.6826	0.1010948	0.101095
17:08:33	10.434	7.5132	-0.7802	-0.0034521	-0.00345
17:08:43	10.3519	7.5531	-0.7445	0.0347889	0.034789
17:08:53	10.3501	7.5347	-0.8296	-0.0563683	-0.05637
17:09:03	10.3519	7.5239	-0.807	-0.0321597	-0.03216
17:09:13	10.3632	7.5132	-0.7255	0.0551413	0.055141
17:09:23	10.3406	7.5531	-0.657	0.1285169	0.128517
17:09:33	10.262	7.6138	-0.6172	0.1711498	0.17115
17:09:43	10.1728	7.6668	-0.4904	0.3069751	0.306975
17:09:53	10.1954	7.6221	-0.5571	0.2355276	0.235528
17:10:03	10.2966	7.5501	-0.5702	0.2214951	0.221495
17:10:13	10.4281	7.4531	-0.61	0.1788623	0.178862
17:10:23	10.5215	7.4287	-0.6648	0.1201617	0.120162
17:10:33	10.4686	7.4948	-0.657	0.1285169	0.128517
17:10:43	10.3614	7.571	-0.6368	0.1501547	0.150155
17:10:53	10.2739	7.5942	-0.7064	0.0756008	0.075601
17:11:03	10.2739	7.5745	-0.8118	-0.0373013	-0.0373
17:11:13	10.3156	7.5204	-0.8326	-0.0595818	-0.05958
17:11:23	10.365	7.4972	-0.8516	-0.0799342	-0.07993
17:11:33	10.3311	7.5489	-0.7743	0.0028678	0.002868
17:11:43	10.2299	7.6346	-0.8516	-0.0799342	-0.07993
17:11:53	10.1097	7.7322	-0.9147	-0.1475255	-0.14753
17:12:03	10.0317	7.7894	-0.9403	-0.1749476	-0.17495
17:12:13	10.0103	7.8144	-0.7898	-0.0137354	-0.01374
17:12:23	9.9895	7.8602	-0.7445	0.0347889	0.034789
17:12:33	9.9704	7.9108	-0.8516	-0.0799342	-0.07993
17:12:43	9.9609	7.9631	-0.8231	-0.0494056	-0.04941
17:12:53	9.9169	8.0304	-0.7665	0.011223	0.011223
17:13:03	9.8633	8.0958	-0.7612	0.0169002	0.0169

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
17:13:13	9.8276	8.1048	-0.904	-0.1360639	-0.13606
17:13:23	9.9169	8.0328	-0.7868	-0.0105219	-0.01052
17:13:33	10.0258	7.9566	-0.766	0.0117586	0.011759
17:13:43	10.1365	7.8971	-0.7493	0.0296472	0.029647
17:13:53	10.1514	7.9328	-0.7945	-0.01877	-0.01877
17:14:03	9.9972	8.0613	-0.7189	0.062211	0.062211
17:14:13	9.7871	8.1863	-0.7493	0.0296472	0.029647
17:14:23	9.6021	8.2738	-0.8094	-0.0347305	-0.03473
17:14:33	9.4973	8.3321	-0.763	0.0149721	0.014972
17:14:43	9.4991	8.2768	-0.7564	0.0220419	0.022042
17:14:53	9.6765	8.1363	-0.66	0.1253034	0.125303
17:15:03	9.8961	7.9899	-0.644	0.1424422	0.142442
17:15:13	10.0907	7.8757	-0.5356	0.2585579	0.258558
17:15:23	10.1609	7.8703	-0.4785	0.3197221	0.319722
17:15:33	10.0829	7.9536	-0.5761	0.2151752	0.215175
17:15:43	9.955	8.0167	-0.5017	0.2948708	0.294871
17:15:53	9.8199	8.0887	-0.6077	0.181326	0.181326
17:16:03	9.7395	8.1083	-0.4952	0.3018334	0.301833
17:16:13	9.7723	8.0405	-0.5827	0.2081054	0.208105
17:16:23	9.955	7.8941	-0.5303	0.2642351	0.264235
17:16:33	10.1478	7.7542	-0.7707	0.0067241	0.006724
17:16:43	10.3251	7.6513	-0.7207	0.0602829	0.060283
17:16:53	10.3882	7.6531	-0.6077	0.181326	0.181326
17:17:03	10.2888	7.7376	-0.5892	0.2011428	0.201143
17:17:13	10.127	7.8602	-0.9576	-0.193479	-0.19348
17:17:23	9.902	7.9762	-0.7344	0.0456078	0.045608
17:17:33	9.7776	8.0244	-0.7076	0.0743153	0.074315
17:17:43	9.7854	7.9572	-0.6749	0.1093428	0.109343
17:17:53	9.921	7.8477	-0.6868	0.0965958	0.096596
17:18:03	10.096	7.7185	-0.8267	-0.0532619	-0.05326
17:18:13	10.2281	7.6602	-0.8475	-0.0755424	-0.07554
17:18:23	10.2031	7.7287	-0.7802	-0.0034521	-0.00345
17:18:33	10.0371	7.856	-0.8261	-0.0526192	-0.05262
17:18:43	9.8139	8.0066	-0.7648	0.013044	0.013044
17:18:53	9.6479	8.0792	-0.8356	-0.0627954	-0.0628
17:19:03	9.5562	8.1214	-0.9534	-0.1889801	-0.18898
17:19:13	9.5908	8.0435	-0.9219	-0.155238	-0.15524
17:19:23	9.7568	7.9227	-0.8957	-0.1271731	-0.12717
17:19:33	9.9377	7.7995	-0.8153	-0.0410505	-0.04105
17:19:43	10.0371	7.7685	-0.779	-0.0021667	-0.00217

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
17:19:53	9.9913	7.8376	-0.8046	-0.0295889	-0.02959
17:20:03	9.8157	7.9679	-0.7975	-0.0219835	-0.02198
17:20:13	9.5735	8.1244	-0.7898	-0.0137354	-0.01374
17:20:23	9.3789	8.219	-0.6826	0.1010948	0.101095
17:20:33	9.2759	8.247	-0.8165	-0.0423359	-0.04234
17:20:43	9.3408	8.1488	-0.7612	0.0169002	0.0169
17:20:53	9.5164	8.0226	-0.763	0.0149721	0.014972
17:21:03	9.7015	7.9114	-0.8528	-0.0812196	-0.08122
17:21:13	9.7967	7.8947	-0.9106	-0.1431337	-0.14313
17:21:23	9.7336	7.9792	-0.8737	-0.1036072	-0.10361
17:21:33	9.5586	8.1107	-0.9344	-0.1686277	-0.16863
17:21:43	9.3045	8.2797	-0.9915	-0.2297919	-0.22979
17:21:53	9.1081	8.3958	-0.9629	-0.1991563	-0.19916
17:22:03	9.0147	8.4107	-1.032	-0.2731746	-0.27317
17:22:13	9.1123	8.3023	-1.048	-0.2903135	-0.29031
17:22:23	9.2932	8.1803	-0.9469	-0.1820174	-0.18202
17:22:33	9.4628	8.0923	-0.8885	-0.1194606	-0.11946
17:22:43	9.5491	8.078	-0.9201	-0.1533099	-0.15331
17:22:53	9.4652	8.1726	-0.7725	0.0047959	0.004796
17:23:03	9.2646	8.3214	-0.7832	-0.0066657	-0.00667
17:23:13	9.0016	8.488	-0.8029	-0.0277679	-0.02777
17:23:23	8.8356	8.5636	-0.7362	0.0436797	0.04368
17:23:33	8.7665	8.5624	-0.804	-0.0289462	-0.02895
17:23:43	8.8754	8.4386	-0.8118	-0.0373013	-0.0373
17:23:53	9.0605	8.2875	-0.7427	0.036717	0.036717
17:24:03	9.2188	8.2149	-0.763	0.0149721	0.014972
17:24:13	9.2301	8.2631	-0.7219	0.0589975	0.058998
17:24:23	9.0528	8.4434	-0.6648	0.1201617	0.120162
17:24:33	8.8052	8.6285	-0.616	0.1724352	0.172435
17:24:43	8.582	8.763	-0.6553	0.1303379	0.130338
17:24:53	8.4541	8.8421	-0.5672	0.2247087	0.224709
17:25:03	8.4654	8.7921	-0.6963	0.0864197	0.08642
17:25:13	8.6445	8.6457	-0.613	0.1756487	0.175649
17:25:23	8.8409	8.5118	-0.5838	0.2069271	0.206927
17:25:33	8.9879	8.441	-0.5214	0.2737686	0.273769
17:25:43	9.0242	8.4606	-0.4607	0.3387891	0.338789
17:25:53	8.9653	8.5309	-0.4089	0.394276	0.394276
17:26:03	8.8772	8.6231	-0.4464	0.3541069	0.354107
17:26:13	8.8124	8.6529	-0.4446	0.356035	0.356035
17:26:23	8.8374	8.6303	-0.3184	0.4912176	0.491218

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:26:33	8.9861	8.4952	-0.3387	0.4694727	0.469473
17:26:43	9.1998	8.3267	-0.2803	0.5320295	0.532029
17:26:53	9.4289	8.1815	-0.2994	0.51157	0.51157
17:27:03	9.583	8.1161	-0.2613	0.5523818	0.552382
17:27:13	9.6348	8.1101	-0.1726	0.6473953	0.647395
17:27:23	9.5967	8.1655	-0.1286	0.6945271	0.694527
17:27:33	9.4628	8.2411	-0.1869	0.6320774	0.632077
17:27:43	9.3753	8.2785	-0.1762	0.643539	0.643539
17:27:53	9.3164	8.2922	-0.3071	0.5033219	0.503322
17:28:03	9.3218	8.2696	-0.2803	0.5320295	0.532029
17:28:13	9.4152	8.1625	-0.2726	0.5402775	0.540278
17:28:23	9.5848	8.0459	-0.2089	0.6085115	0.608512
17:28:33	9.736	7.9566	-0.2619	0.5517391	0.551739
17:28:43	9.7836	7.9548	-0.0965	0.7289119	0.728912
17:28:53	9.6884	8.0578	-0.1084	0.7161649	0.716165
17:29:03	9.4461	8.2321	-0.1423	0.679852	0.679852
17:29:13	9.1807	8.413	-0.1256	0.6977406	0.697741
17:29:23	8.929	8.5565	-0.0292	0.8010021	0.801002
17:29:33	8.8028	8.6011	0.1124	0.9526808	0.952681
17:29:43	8.826	8.519	0.0279	0.8621663	0.862166
17:29:53	8.9826	8.3874	0.1196	0.9603933	0.960393
17:30:03	9.1462	8.266	0.0666	0.9036209	0.903621
17:30:13	9.3087	8.1845	0.1309	0.9724976	0.972498
17:30:23	9.339	8.2024	0.1196	0.9603933	0.960393
17:30:33	9.2248	8.3065	0.0952	0.9342566	0.934257
17:30:43	9.0147	8.4731	0.0583	0.8947301	0.89473
17:30:53	8.8183	8.5809	0.1434	0.9858873	0.985887
17:31:03	8.6963	8.641	0.0172	0.8507048	0.850705
17:31:13	8.7326	8.5523	0.0976	0.9368274	0.936827
17:31:23	8.9082	8.4029	0.0142	0.8474912	0.847491
17:31:33	9.1194	8.2464	-0.0179	0.8131064	0.813106
17:31:43	9.2837	8.1803	-0.0744	0.7525849	0.752585
17:31:53	9.3009	8.2196	-0.1316	0.6913135	0.691314
17:32:03	9.1843	8.2928	-0.1	0.7251628	0.725163
17:32:13	9.0415	8.397	-0.0953	0.7301973	0.730197
17:32:23	8.923	8.4464	-0.0459	0.7831135	0.783113
17:32:33	8.9117	8.4172	-0.0435	0.7856843	0.785684
17:32:43	9.0379	8.275	-0.0417	0.7876124	0.787612
17:32:53	9.2396	8.1387	-0.075	0.7519422	0.751942
17:33:03	9.4229	8.0345	-0.1905	0.6282212	0.628221

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
17:33:13	9.5051	8.0298	-0.1804	0.6390401	0.63904
17:33:23	9.4325	8.1113	-0.2238	0.592551	0.592551
17:33:33	9.2343	8.2512	-0.2982	0.5128554	0.512855
17:33:43	8.9445	8.4648	-0.2452	0.5696278	0.569628
17:33:53	8.7076	8.5987	-0.2786	0.5338505	0.53385
17:34:03	8.5725	8.6582	-0.1756	0.6441817	0.644182
17:34:13	8.6541	8.5475	-0.1804	0.6390401	0.63904
17:34:23	8.8165	8.4255	-0.1411	0.6811374	0.681137
17:34:33	8.9558	8.3464	-0.1804	0.6390401	0.63904
17:34:43	9.0093	8.363	-0.1708	0.6493234	0.649323
17:34:53	8.9498	8.4386	-0.1155	0.7085595	0.70856
17:35:03	8.8451	8.5297	-0.0703	0.7569767	0.756977
17:35:13	8.6695	8.6713	-0.1667	0.6537152	0.653715
17:35:23	8.5475	8.7338	-0.3119	0.4981803	0.49818
17:35:33	8.5493	8.682	-0.1649	0.6556433	0.655643
17:35:43	8.6999	8.5541	-0.1899	0.6288639	0.628864
17:35:53	8.8469	8.4523	-0.0679	0.7595476	0.759548
17:36:03	8.9498	8.3916	-0.0715	0.7556913	0.755691
17:36:13	8.9766	8.413	-0.1542	0.6671049	0.667105
17:36:23	8.8701	8.5249	-0.2553	0.5588089	0.558809
17:36:33	8.7112	8.6308	-0.1566	0.6645341	0.664534
17:36:43	8.5225	8.7445	-0.1637	0.6569288	0.656929
17:36:53	8.4237	8.7838	-0.178	0.6416109	0.641611
17:37:03	8.4237	8.7368	-0.2327	0.5830175	0.583018
17:37:13	8.5951	8.5767	-0.3202	0.4892895	0.489289
17:37:23	8.7838	8.444	-0.3012	0.5096419	0.509642
17:37:33	8.9117	8.3714	-0.347	0.4605819	0.460582
17:37:43	8.9445	8.394	-0.125	0.6983833	0.698383
17:37:53	8.8945	8.4606	-0.1429	0.6792092	0.679209
17:38:03	8.7647	8.569	-0.103	0.7219492	0.721949
17:38:13	8.6029	8.6814	-0.2506	0.5638434	0.563843
17:38:23	8.4654	8.7612	-0.0774	0.7493714	0.749371
17:38:33	8.3589	8.8243	-0.0887	0.7372671	0.737267
17:38:43	8.2994	8.8415	-0.0762	0.7506568	0.750657
17:38:53	8.3779	8.7421	0.0404	0.8755561	0.875556
17:39:03	8.5338	8.6243	0.0184	0.8519902	0.85199
17:39:13	8.6487	8.5547	-4.6E-05	0.8322312	0.832231
17:39:23	8.7213	8.5231	-0.1774	0.6422536	0.642254
17:39:33	8.6999	8.5755	-0.1458	0.6761028	0.676103
17:39:43	8.5987	8.6547	-0.056	0.7722946	0.772295

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:39:53	8.4785	8.7606	-0.0084	0.8232826	0.823283
17:40:03	8.3738	8.8195	0.044	0.8794123	0.879412
17:40:13	8.2976	8.8528	-0.0857	0.7404806	0.740481
17:40:23	8.3642	8.7445	-0.103	0.7219492	0.721949
17:40:33	8.4981	8.6404	-0.1232	0.7003114	0.700311
17:40:43	8.6332	8.5487	-0.1095	0.7149866	0.714987
17:40:53	8.7213	8.5011	-0.0762	0.7506568	0.750657
17:41:03	8.738	8.5089	-0.0429	0.786327	0.786327
17:41:13	8.6618	8.582	-0.0292	0.8010021	0.801002
17:41:23	8.5892	8.6255	-0.0227	0.8079648	0.807965
17:41:33	8.5172	8.682	0.0363	0.8711642	0.871164
17:41:43	8.4446	8.7177	0.0726	0.910048	0.910048
17:41:53	8.3988	8.7421	0.0851	0.9234377	0.923438
17:42:03	8.3452	8.7927	0.0618	0.8984793	0.898479
17:42:13	8.2976	8.8284	0.0077	0.8405286	0.840529
17:42:23	8.25	8.9016	0.0392	0.8742707	0.874271
17:42:33	8.1928	8.9772	0.047	0.8826258	0.882626
17:42:43	8.0994	9.1034	0.0803	0.918296	0.918296
17:42:53	8.0131	9.2045	-0.003	0.829067	0.829067
17:43:03	7.9542	9.2575	0.0374	0.8723425	0.872343
17:43:13	8.0286	9.2039	-0.0429	0.786327	0.786327
17:43:23	8.1548	9.1301	-0.0131	0.8182481	0.818248
17:43:33	8.3071	9.0355	-0.0018	0.8303524	0.830352
17:43:43	8.4273	8.9855	-0.0429	0.786327	0.786327
17:43:53	8.4351	9.0248	-0.0584	0.7697237	0.769724
17:44:03	8.3874	9.0599	-0.0352	0.7945751	0.794575
17:44:13	8.3297	9.1028	-0.0274	0.8029302	0.80293
17:44:23	8.2803	9.1123	-0.0381	0.7914686	0.791469
17:44:33	8.275	9.095	-0.1066	0.718093	0.718093
17:44:43	8.3684	8.979	-0.0697	0.7576194	0.757619
17:44:53	8.5148	8.8677	-0.0494	0.7793643	0.779364
17:45:03	8.6564	8.7689	-0.0179	0.8131064	0.813106
17:45:13	8.7136	8.763	0.0202	0.8539183	0.853918
17:45:23	8.6695	8.8189	-0.075	0.7519422	0.751942
17:45:33	8.5856	8.876	-0.0447	0.7843989	0.784399
17:45:43	8.4559	8.973	-0.1143	0.7098449	0.709845
17:45:53	8.3321	9.0444	-0.0607	0.76726	0.76726
17:46:03	8.2595	9.0522	-0.0619	0.7659746	0.765975
17:46:13	8.3226	8.9528	-0.0036	0.8284243	0.828424
17:46:23	8.4255	8.8796	-0.0477	0.7811853	0.781185



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression Corrected THC Result (ppm)	Selected THC Result (ppm)
17:46:33	8.5148	8.8189	-0.078	0.7487287	0.748729
17:46:43	8.5493	8.8177	-0.0798	0.7468005	0.746801
17:46:53	8.5017	8.8844	-0.0905	0.7353389	0.735339
17:47:03	8.4101	8.9469	-0.1345	0.6882071	0.688207
17:47:13	8.2863	9.0367	-0.0417	0.7876124	0.787612
17:47:23	8.1792	9.0986	-0.1619	0.6588569	0.658857
17:47:33	8.147	9.0796	-0.2089	0.6085115	0.608512
17:47:43	8.2708	8.9445	-0.3166	0.4931457	0.493146
17:47:53	8.4273	8.8308	-0.2744	0.5383494	0.538349
17:48:03	8.5606	8.738	-0.3654	0.4408723	0.440872
17:48:13	8.6392	8.7165	-0.3202	0.4892895	0.489289
17:48:23	8.6297	8.7499	-0.3137	0.4962521	0.496252
17:48:33	8.5725	8.8118	-0.4577	0.3420026	0.342003
17:48:43	8.4827	8.8814	-0.635	0.1520828	0.152083
17:48:53	8.4351	8.8933	-0.6368	0.1501547	0.150155
17:49:03	8.4785	8.8171	-0.4863	0.3113669	0.311367
17:49:13	8.6445	8.6683	-0.4892	0.3082605	0.30826
17:49:23	8.8106	8.5446	-0.5696	0.2221378	0.222138
17:49:33	8.9498	8.4583	-0.538	0.255987	0.255987
17:49:43	9.0147	8.4434	-0.66	0.1253034	0.125303
17:49:53	8.9843	8.4892	-0.5874	0.2030709	0.203071
17:50:03	8.9403	8.5219	-0.5719	0.2196741	0.219674
17:50:13	8.8737	8.5636	-0.5624	0.2298503	0.22985
17:50:23	8.8814	8.5446	-0.5083	0.287801	0.287801
17:50:33	8.9802	8.438	-0.5648	0.2272795	0.227279
17:50:43	9.1867	8.2732	-0.538	0.255987	0.255987
17:50:53	9.4194	8.1238	-0.4732	0.3253993	0.325399
17:51:03	9.5949	8.0459	-0.4482	0.3521788	0.352179
17:51:13	9.686	8.0244	-0.4482	0.3521788	0.352179
17:51:23	9.6901	8.0459	-0.6291	0.1584028	0.158403
17:51:33	9.6711	8.0619	-0.5404	0.2534162	0.253416
17:51:43	9.6288	8.0893	-0.5208	0.2744113	0.274411
17:51:53	9.6288	8.0804	-0.4708	0.3279702	0.32797
17:52:03	9.6574	8.0417	-0.4375	0.3636404	0.36364
17:52:13	9.7836	7.9328	-0.4815	0.3165086	0.316509
17:52:23	9.9091	7.8453	-0.5321	0.262307	0.262307
17:52:33	10.0317	7.7644	-0.4892	0.3082605	0.30826
17:52:43	10.1061	7.7441	-0.4089	0.394276	0.394276
17:52:53	10.0561	7.8048	-0.4261	0.3758518	0.375852
17:53:03	9.9419	7.8995	-0.4833	0.3145804	0.31458

				Post test	
				Regression	Selected
				Analysis	THC
				Corrected	THC
				THC Result	Result
				(ppm)	(ppm)
24 hour time	O2	CO2	THC		
	(%)	(%)	(ppm )		
17:53:13	9.8044	7.9721	-0.4565	0.343288	0.343288
17:53:23	9.7205	8.0107	-0.394	0.4102366	0.410237
17:53:33	9.7437	7.9423	-0.4244	0.3776728	0.377673
17:53:43	9.877	7.8489	-0.5321	0.262307	0.262307
17:53:53	10.0008	7.7548	-0.4987	0.2980843	0.298084
17:54:03	10.1115	7.6971	-0.4083	0.3949188	0.394919
<b>Start Calibration</b>					
17:54:13	10.1287	7.7221	-0.5844		
17:54:23	10.0674	7.7757	-0.5333		
17:54:33	9.9687	7.8507	-0.619		
17:54:43	9.8598	7.906	-0.6368		
17:54:53	9.8104	7.9155	-0.6178		
17:55:03	9.8562	7.8483	-0.4952		
17:55:13	9.7282	6.6467	-0.7439		
17:55:23	4.0152	0.5873	-0.8392		
17:55:33	0.5361	0.3374	-0.9022		
17:55:43	0.1315	0.2315	-0.9213		
17:55:53	0.0404	0.1731	-0.9832		
17:56:03	0.0154	0.1583	-1.0326		
17:56:13	0.0041	0.1446	-0.9439		
17:56:23	-0.0054	0.1339	-1.0099		
17:56:33	-0.0173	0.1261	-0.888		
17:56:43	-0.0244	0.1208	-0.8641		
17:56:53	-0.0286	0.116	-0.8058		
17:57:03	-0.0363	0.1106	-0.8451		
17:57:13	-0.0381	0.1077	-0.8909		
17:57:23	-0.0417	0.1053	-0.7612		
17:57:33	-0.0459	0.1023	-0.7582		
17:57:43	-0.0477	0.091	-0.6969		
17:57:53	-0.0512	0.0934	-0.6047		
17:58:03	-0.0512	0.0904	-0.6077		
17:58:13	-0.0536	0.088	-0.6684		
<b>Zero Bias</b>	<b>-0.052</b>	<b>0.0906</b>	<b>-0.62693</b>		
17:58:23	-0.0512	0.0964	-0.3119		
17:58:33	5.9761	4.0259	8.6035		
17:58:43	14.5582	0.216	10.0544		
17:58:53	19.2654	0.1249	10.3745		
17:59:03	19.767	0.1047	10.5043		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	17:59:13	19.8813	0.0952	10.515	
	17:59:23	19.9462	0.0892	10.4519	
	17:59:33	19.9941	0.0839	10.4424	
	17:59:43	20.0303	0.0803	10.4596	
	17:59:53	20.053	0.0886	10.3995	
	18:00:03	20.0701	0.0857	10.3436	
<b>THC Mid Bias</b>	<b>20.05113</b>	<b>0.084867</b>	<b>10.4009</b>		
	18:00:13	20.0872	0.0946	10.2662	
	18:00:23	20.1008	0.094	10.0555	
	18:00:33	20.1084	0.1005	3.2302	
	18:00:43	13.4554	6.0385	6.1469	
	18:00:53	18.9885	0.3082	5.9076	
	18:01:03	20.1275	0.1541	6.082	
	18:01:13	20.2287	0.1285	6.1219	
	18:01:23	20.2494	0.1166	6.204	
	18:01:33	20.2589	0.1095	6.3099	
	18:01:43	20.2685	0.1047	6.5176	
	18:01:53	20.2745	0.0999	6.5849	
	18:02:03	20.2801	0.094	6.6164	
	18:02:13	20.2841	0.0886	6.5866	
<b>THC Low Bias</b>	<b>20.27957</b>	<b>0.094167</b>	<b>6.595967</b>		
	18:02:23	20.2876	0.0862	6.6664	
	18:02:33	20.2917	0.0851	6.6735	
	18:02:43	20.2932	0.0839	6.539	
	18:02:53	20.2932	0.0839	2.0459	
	18:03:03	16.9325	5.2774	10.0752	
	18:03:13	17.2321	0.845	18.6139	
	18:03:23	20.9609	0.1702	19.0983	
	18:03:33	21.331	0.1273	19.1824	
	18:03:43	21.3768	0.1106	19.2816	
	18:03:53	21.3939	0.1023	19.35	
	18:04:03	21.4035	0.0976	19.3863	
	18:04:13	21.411	0.0934	19.4311	
	18:04:23	21.4171	0.0892	19.4286	
	18:04:33	21.4206	0.0868	19.5107	
	18:04:43	21.4226	0.0857	19.5379	
	18:04:53	21.4266	0.0833	19.5293	
<b>THC Span Bias</b>	<b>21.42327</b>	<b>0.085267</b>	<b>19.52597</b>		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:05:03	21.4281	0.0827	21.0641		
18:05:13	21.4302	0.0809	21.0591		
18:05:23	21.4342	0.0785	20.9478		
18:05:33	21.4342	0.0785	6.8491		
18:05:43	17.0967	5.5773	6.245		
18:05:53	13.4036	0.407	0.3594		
18:06:03	1.6425	0.141	0.3088		
18:06:13	0.4868	0.113	0.3213		
18:06:23	0.3017	0.0946	0.0803		
18:06:33	0.21	0.0862	0.0666		
18:06:43	0.1547	0.0827	0.0916		
18:06:53	0.1166	0.0797	0.044		
18:07:03	0.0857	0.0773	0.1309		
18:07:13	0.0613	0.0755	0.1059		
18:07:23	0.0458	0.0743	0.2707		
18:07:33	0.0327	0.0726	0.2243		
18:07:43	0.019	0.0726	0.1898		
18:07:53	0.0077	0.072	0.2154		
18:08:03	-4.6E-05	0.0708	0.2874		
18:08:13	-0.0036	0.0708	0.3082		
18:08:23	0.0517	0.2648	2.719		
18:08:33	4.9328	1.9793	20.0051		
18:08:43	17.7186	0.1547	21.5238		
18:08:53	20.7056	0.1053	21.7353		
18:09:03	21.049	0.0904	21.5485		
18:09:13	21.1633	0.0815	21.4513		
18:09:23	21.2262	0.0773	21.4367		
18:09:33	21.2741	0.0732	21.4579		
18:09:43	21.3083	0.072	21.5218		
18:09:53	21.333	0.0559	21.5772		
18:10:03	21.3541	0.0672	21.5978		
18:10:13	21.3692	0.0672	21.6698		
18:10:23	21.3808	0.0666	21.5027		
18:10:33	21.3919	0.0559	21.5943		
18:10:43	21.3959	0.0613	21.5409		
18:10:53	21.4035	0.0595	5.8267		
18:11:03	16.6959	5.8737	2.844		
18:11:13	11.0768	7.2645	13.6744		
18:11:23	18.4109	0.4897	13.1013		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:11:33	19.9598	0.1827	13.2733		
18:11:43	20.0988	0.1327	13.2561		
18:11:53	20.1295	0.1077	13.3769		
18:12:03	20.1446	0.094	8.6124		
18:12:13	19.2252	2.5226	11.0928		
18:12:23	15.4508	1.8632	20.8133		
18:12:33	20.6884	0.1922	21.6532		
18:12:43	21.3023	0.1398	21.9946		
18:12:53	21.3712	0.116	21.3662		
18:13:03	21.3939	0.1053	21.1421		
18:13:13	21.4075	0.0964	21.0963		
18:13:23	21.4171	0.091	21.1376		
18:13:33	21.4226	0.0868	21.1517		
18:13:43	21.4281	0.0851	11.0244		
18:13:53	19.5132	3.8087	12.2985		
18:14:03	16.1144	1.0866	1.6675		
18:14:13	3.0255	0.1708	1.0027		
18:14:23	0.6183	0.1243	1.0938		
18:14:33	0.3493	0.1053	1.3229		
18:14:43	0.2481	0.0946	1.2485		
18:14:53	0.1815	0.094	0.0029		
18:15:03	0.1339	0.0892	0.0107		
18:15:13	0.1011	0.0862	0.0029		
18:15:23	0.0743	0.0839	-0.0227		
18:15:33	0.0535	0.0815	0.0737		
18:15:43	0.038	0.0803	0.1243		
18:15:53	0.0249	0.0785	0.1892		
18:16:03	0.0154	0.0773	0.2178		
18:16:13	0.0077	0.0755	0.2148		
18:16:23	-4.6E-05	0.0749	0.7611		
18:16:33	4.4252	5.3661	13.9839		
18:16:43	9.9627	0.4451	21.2101		
18:16:53	19.8395	0.1374	21.9453		
18:17:03	20.9191	0.1083	22.7892		
18:17:13	21.1003	0.0952	21.3436		
18:17:23	21.19	0.0868	21.126		
18:17:33	21.2433	0.0833	21.128		
18:17:43	21.2892	0.0803	21.2479		
18:17:53	21.3194	0.0773	21.2308		
18:18:03	21.3425	0.0749	21.1356		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
18:18:13	21.3617	0.0743	21.1477		
18:18:23	21.3748	0.0732	21.0867		
18:18:33	21.3884	0.069	21.1859		
18:18:43	21.3959	0.0702	18.8838		
18:18:53	21.3214	0.3481	5.0816		
18:19:03	12.5205	7.1484	13.4393		
18:19:13	18.8057	0.3975	12.9793		
18:19:23	20.0187	0.16	13.0662		
18:19:33	20.1235	0.1237	13.0978		
18:19:43	20.1446	0.1053	13.0555		
18:19:53	20.1562	0.094	13.1227		
18:20:03	20.1617	0.0868	13.09		
18:20:13	20.1673	0.0827	3.2897		
18:20:23	14.5463	6.7342	6.8729		
18:20:33	14.6569	0.8408	1.2598		
18:20:43	2.3441	0.1827	0.8777		
18:20:53	0.5284	0.1327	0.7212		
18:21:03	0.3052	0.113	0.7671		
18:21:13	0.2136	0.0993	0.8849		
18:21:23	0.1583	0.0916	0.1315		
18:21:33	0.1184	0.0862	0.1231		
18:21:43	0.088	0.0809	0.0803		
<b>Zero Bias</b>	<b>0.121567</b>	<b>0.086233</b>	<b>0.111633</b>		
18:21:53	0.063	0.0773	0.0726		
18:22:03	0.0422	0.0755	0.1993		
18:22:13	0.0309	0.0743	0.1993		
18:22:23	0.0172	0.072	0.1529		
18:22:33	0.0095	0.0708	0.2559		
18:22:43	0.0017	0.0702	0.6439		
18:22:53	4.0574	5.0328	12.7401		
18:23:03	9.2093	0.4951	20.982		
18:23:13	19.7096	0.1368	21.4548		
18:23:23	20.8868	0.1095	21.4835		
18:23:33	21.1003	0.0934	21.0374		
18:23:43	21.188	0.0868	21.2756		
18:23:53	21.2358	0.0815	21.2564		
18:24:03	21.2816	0.0779	21.0132		
18:24:13	21.3138	0.0755	20.986		
18:24:23	21.3385	0.0732	21.047		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
<b>THC Span Bias 21.3</b>	<b>21.3113</b>	<b>0.075533</b>	<b>21.0154</b>		
18:24:33	21.3577	0.0708	20.9503		
18:24:43	21.3748	0.0696	21.0601		
18:24:53	21.3864	0.069	20.9619		
18:25:03	21.3959	0.0678	5.7452		
18:25:13	15.8132	5.7636	10.0341		
18:25:23	19.2388	0.3451	7.9143		
18:25:33	20.198	0.1261	7.8138		
18:25:43	20.2745	0.0993	7.8643		
18:25:53	20.2896	0.0857	7.8007		
18:26:03	20.2972	0.0779	7.7941		
18:26:13	20.3027	0.0732	7.8132		
18:26:23	20.3068	0.0702	7.9554		
18:26:33	20.3088	0.0672	7.9923		
<b>THC Low Bias 7.58</b>	<b>20.3061</b>	<b>0.0702</b>	<b>7.9203</b>		
18:26:43	20.3123	0.0654	7.5067		
18:26:53	20.2952	0.138	3.4004		
18:27:03	14.1422	4.9787	11.5469		
18:27:13	19.2272	0.2445	12.4741		
18:27:23	20.0721	0.1243	12.5895		
18:27:33	20.1446	0.1005	12.5758		
18:27:43	20.1597	0.0886	12.552		
18:27:53	20.1673	0.0815	12.7365		
18:28:03	20.1753	0.0773	12.8514		
18:28:13	20.1768	0.0732	12.8157		
18:28:23	20.1809	0.0708	12.9204		
18:28:33	20.1829	0.069	12.7401		
18:28:43	20.1849	0.0678	12.6847		
<b>THC Mid Bias 12.9</b>	<b>20.1829</b>	<b>0.0692</b>	<b>12.78173</b>		
18:28:53	20.1849	0.0666	12.7657		
18:29:03	20.1864	0.0654	3.0987		
18:29:13	15.6984	5.9499	1.3074		
18:29:23	11.6052	7.0002	1.1229		
18:29:33	11.3094	7.0139	1.2056		
18:29:43	11.3684	6.9455	1.0176		
18:29:53	11.4374	6.9098	0.948		

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	
				Regression	Selected
				Analysis	THC
				Corrected	Result
				THC Result	Result
				(ppm)	(ppm)
<b>Resume Run 1B</b>					
18:30:03	11.4142	6.9705	0.8831	-0.7378518	0.8831
18:30:13	11.3285	7.0342	0.7962	-0.8224969	0.7962
18:30:23	11.26	7.0877	0.8492	-0.7708722	0.8492
18:30:33	11.1702	7.1508	0.8492	-0.7708722	0.8492
18:30:43	11.0994	7.1835	0.7117	-0.9048043	0.7117
18:30:53	11.1321	7.1282	0.8527	-0.767463	0.8527
18:31:03	11.1833	7.0865	0.9289	-0.6932402	0.9289
18:31:13	11.2273	7.0532	0.8938	-0.7274295	0.8938
18:31:23	11.2505	7.058	0.8468	-0.7732099	0.8468
18:31:33	11.1892	7.127	0.8403	-0.7795412	0.8403
18:31:43	11.1244	7.1889	0.7266	-0.8902909	0.7266
18:31:53	11.0369	7.2698	0.745	-0.8723683	0.745
18:32:03	10.9488	7.3365	0.7736	-0.8445105	0.7736
18:32:13	10.8595	7.3805	0.6712	-0.9442534	0.6712
18:32:23	10.9089	7.3151	0.7938	-0.8248346	0.7938
18:32:33	11.0119	7.2288	0.7165	-0.9001288	0.7165
18:32:43	11.1184	7.1568	0.8444	-0.7755476	0.8444
18:32:53	11.1684	7.1407	0.8593	-0.7610342	0.8593
18:33:03	11.1642	7.1669	0.8498	-0.7702877	0.8498
18:33:13	11.1053	7.2204	0.7218	-0.8949663	0.7218
18:33:23	11.0232	7.2788	0.7058	-0.9105512	0.7058
18:33:33	10.9643	7.3067	0.7266	-0.8902909	0.7266
18:33:43	10.947	7.2907	0.7861	-0.8323348	0.7861
18:33:53	11.0422	7.2073	0.748	-0.8694462	0.748
18:34:03	11.1416	7.1228	0.7534	-0.8641863	0.7534
18:34:13	11.2541	7.0484	0.7575	-0.8601927	0.7575
18:34:23	11.2922	7.0449	0.7843	-0.8340881	0.7843
18:34:33	11.2523	7.0984	0.6772	-0.938409	0.6772
18:34:43	11.2005	7.1568	0.6581	-0.9570134	0.6581
18:34:53	11.1017	7.2234	0.7498	-0.8676929	0.7498
18:35:03	11.025	7.2799	0.7105	-0.9059731	0.7105
18:35:13	11.0083	7.2544	0.6712	-0.9442534	0.6712
18:35:23	11.0803	7.1937	0.6355	-0.979027	0.6355
18:35:33	11.1398	7.1478	0.5725	-1.0403923	0.5725
18:35:43	11.2065	7.1086	0.6647	-0.9505847	0.6647
18:35:53	11.2065	7.1532	0.6516	-0.9633448	0.6516
18:36:03	11.0178	7.3299	0.623	-0.9912026	0.623
18:36:13	10.653	7.6001	0.6802	-0.9354869	0.6802
18:36:23	10.1115	7.9369	0.582	-1.0311388	0.582



24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:36:33	9.5372	8.2452	0.2529	-1.3516992	0.2529
18:36:43	9.1063	8.4374	0.4082	-1.2004289	0.4082
18:36:53	8.8986	8.5029	0.4076	-1.2010134	0.4076
18:37:03	8.8219	8.4958	0.2344	-1.3697191	0.2344
18:37:13	8.8451	8.4672	0.1642	-1.4380975	0.1642
18:37:23	8.8909	8.4428	0.1202	-1.4809558	0.1202
18:37:33	8.9635	8.4118	0.0125	-1.5858612	0.0125
18:37:43	9.0474	8.3928	0.1339	-1.4676113	0.1339
18:37:53	9.1426	8.3333	-0.0179	-1.6154724	-0.0179
18:38:03	9.3105	8.228	0.0428	-1.5563474	0.0428
18:38:13	9.5562	8.0613	0.0125	-1.5858612	0.0125
18:38:23	9.8157	7.8977	-0.1345	-1.7290468	-0.1345
18:38:33	10.0603	7.7507	-0.0875	-1.6832664	-0.0875
18:38:43	10.2144	7.6816	-0.1536	-1.7476512	-0.1536
18:38:53	10.2013	7.7322	-0.1649	-1.758658	-0.1649
18:39:03	10.0793	7.8292	-0.1982	-1.7910939	-0.1982
18:39:13	9.9133	7.9387	-0.3595	-1.9482084	-0.3595
18:39:23	9.7949	7.9977	-0.4684	-2.0542826	-0.4684
18:39:33	9.7532	8.0078	-0.4541	-2.0403537	-0.4541
18:39:43	9.8467	7.925	-0.4767	-2.0623673	-0.4767
18:39:53	9.9913	7.8054	-0.4589	-2.0450291	-0.4589
18:40:03	10.1686	7.6989	-0.3863	-1.974313	-0.3863
18:40:13	10.2966	7.6394	-0.5428	-2.1267521	-0.5428
18:40:23	10.3424	7.6406	-0.5731	-2.1562658	-0.5731
18:40:33	10.2948	7.7019	-0.594	-2.1766235	-0.594
18:40:43	10.1996	7.7709	-0.538	-2.1220766	-0.538
18:40:53	10.1347	7.806	-0.5309	-2.1151609	-0.5309
18:41:03	10.0942	7.8233	-0.5309	-2.1151609	-0.5309
18:41:13	10.1157	7.803	-0.7374	-2.3163025	-0.7374
18:41:23	10.1555	7.7894	-0.7094	-2.2890291	-0.7094
18:41:33	10.1972	7.7828	-0.5589	-2.1424343	-0.5589
18:41:43	10.2335	7.7656	-0.5797	-2.1626946	-0.5797
18:41:53	10.2662	7.7697	-0.716	-2.2954578	-0.716
18:42:03	10.287	7.7763	-0.7267	-2.3058802	-0.7267
18:42:13	10.262	7.8221	-0.8046	-2.3817588	-0.8046
18:42:23	10.2281	7.8643	-0.9106	-2.4850083	-0.9106
18:42:33	10.1704	7.9072	-0.8885	-2.4634817	-0.8885
18:42:43	10.1383	7.9268	-0.8219	-2.3986099	-0.8219
18:42:53	10.1305	7.9173	-0.6225	-2.204384	-0.6225
18:43:03	10.2162	7.8495	-0.5922	-2.1748702	-0.5922

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:43:13	10.3156	7.7751	-0.447	-2.0334379	-0.447
18:43:23	10.4073	7.7144	-0.4071	-1.9945733	-0.4071
18:43:33	10.4436	7.7138	-0.3613	-1.9499617	-0.3613
18:43:43	10.371	7.7828	-0.3547	-1.943533	-0.3547
18:43:53	10.243	7.8632	-0.269	-1.8600567	-0.269
18:44:03	10.102	7.9423	-0.3916	-1.9794755	-0.3916
18:44:13	10.0103	7.975	-0.3315	-1.920935	-0.3315
18:44:23	10.0294	7.9125	-0.2928	-1.8832392	-0.2928
18:44:33	10.1555	7.8245	-0.2887	-1.8792455	-0.2887
18:44:43	10.2775	7.74	-0.2119	-1.8044384	-0.2119
18:44:53	10.3918	7.659	-0.178	-1.771418	-0.178
18:45:03	10.4013	7.6912	-0.1	-1.695442	-0.1
18:45:13	10.3025	7.7679	-0.2024	-1.7951849	-0.2024
18:45:23	10.1287	7.8846	-0.0875	-1.6832664	-0.0875
18:45:33	9.9591	7.9667	-0.1542	-1.7482356	-0.1542
18:45:43	9.8484	8.0066	-0.0857	-1.6815131	-0.0857
18:45:53	9.8562	7.9483	-0.2048	-1.7975226	-0.2048
18:46:03	9.9627	7.8614	-0.1619	-1.7557358	-0.1619
18:46:13	10.1174	7.7489	-0.1447	-1.7389821	-0.1447
18:46:23	10.2454	7.6733	0.0267	-1.5720297	0.0267
18:46:33	10.2757	7.6805	0.0333	-1.5656009	0.0333
18:46:43	10.2091	7.7489	0.1184	-1.4827091	0.1184
18:46:53	10.0413	7.8697	0.2422	-1.3621215	0.2422
18:47:03	9.8865	7.9494	0.3052	-1.3007563	0.3052
18:47:13	9.8026	7.975	0.3558	-1.2514692	0.3558
18:47:23	9.9115	7.8518	0.4868	-1.1238685	0.4868
18:47:33	10.0716	7.7423	0.5522	-1.0601655	0.5522
18:47:43	10.2162	7.6519	0.604	-1.0097096	0.604
18:47:53	10.312	7.6073	0.6974	-0.9187332	0.6974
18:48:03	10.2906	7.6567	0.7843	-0.8340881	0.7843
18:48:13	10.1936	7.7275	0.8795	-0.7413584	0.8795
18:48:23	10.0526	7.8179	0.9015	-0.7199293	0.9015
18:48:33	9.9359	7.8685	0.998	-0.6259333	0.998
18:48:43	9.8788	7.8762	1.1664	-0.461903	1.1664
18:48:53	9.9609	7.7971	1.142	-0.4856698	1.142
18:49:03	10.0579	7.7293	1.3181	-0.3141393	1.3181
18:49:13	10.1442	7.6763	1.3705	-0.263099	1.3705
18:49:23	10.1573	7.6882	1.2955	-0.3361529	1.2955
18:49:33	10.0734	7.7751	1.2277	-0.4021936	1.2277
18:49:43	9.9377	7.8739	1.4514	-0.1842982	1.4514

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test	Selected
				Regression Analysis Corrected THC Result (ppm)	THC Result (ppm)
18:49:53	9.7854	7.9721	1.5044	-0.1326735	1.5044
18:50:03	9.6842	8.0334	1.6079	-0.0318592	1.6079
18:50:13	9.6842	7.9953	1.6913	0.0493768	1.6913
18:50:23	9.8157	7.906	1.6901	0.0482079	1.6901
18:50:33	9.9782	7.7923	1.6579	0.0168434	1.6579
18:50:43	10.1496	7.6894	1.8139	0.1687955	1.8139
18:50:53	10.2412	7.6537	1.943	0.2945456	1.943
18:51:03	10.2204	7.7007	1.9239	0.2759412	1.9239
18:51:13	10.1079	7.8048	1.9025	0.2550965	1.9025
18:51:23	9.9264	7.9108	1.9293	0.2812011	1.9293
18:51:33	9.8312	7.9459	1.9966	0.3467547	1.9966
18:51:43	9.8657	7.8667	2.0543	0.4029575	2.0543
18:51:53	10.0216	7.7519	2.1679	0.5136098	2.1679
18:52:03	10.1936	7.637	2.0126	0.3623396	2.0126
18:52:13	10.3347	7.5567	2.1108	0.4579914	2.1108
18:52:23	10.3555	7.5882	2.1412	0.4876026	2.1412
18:52:33	10.2811	7.6376	2.1364	0.4829272	2.1364
18:52:43	10.1704	7.7215	2.059	0.4075356	2.059
18:52:53	10.0085	7.8191	2.1429	0.4892585	2.1429
18:53:03	9.9038	7.8632	2.062	0.4104577	2.062
18:53:13	9.902	7.8274	1.965	0.3159747	1.965
18:53:23	9.9669	7.7733	2.0953	0.4428936	2.0953
18:53:33	10.0621	7.7114	2.1239	0.4707515	2.1239
18:53:43	10.1287	7.6864	2.1394	0.4858493	2.1394
18:53:53	10.0942	7.7477	2.1001	0.4475691	2.1001
18:54:03	9.9591	7.8495	2.1596	0.5055252	2.1596
18:54:13	9.7931	7.9655	2.1727	0.5182852	2.1727
18:54:23	9.6788	8.025	2.187	0.5322142	2.187
18:54:33	9.6348	8.0316	2.04	0.3890286	2.04
18:54:43	9.7473	7.925	1.9924	0.3426637	1.9924
18:54:53	9.9187	7.8155	2.0543	0.4029575	2.0543
18:55:03	10.1157	7.6834	1.9864	0.3368194	1.9864
18:55:13	10.2603	7.6156	1.9287	0.2806166	1.9287
18:55:23	10.2835	7.643	1.893	0.245843	1.893
18:55:33	10.1877	7.7322	1.9162	0.268441	1.9162
18:55:43	10.0603	7.8019	1.8638	0.2174007	1.8638
18:55:53	9.98	7.8483	1.8168	0.1716202	1.8168
18:56:03	9.8693	7.9245	1.8103	0.1652889	1.8103
18:56:13	9.8086	7.9483	1.9067	0.2591875	1.9067
18:56:23	9.8044	7.9435	1.9168	0.2690254	1.9168

24 hour time	O2 (%)	CO2 (%)	THC (ppm )	Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
<b>End Run 1B</b>	<b>9.843176</b>	<b>7.948017</b>	<b>0.362642</b>		<b>0.683031</b>
18:56:33	9.8996	7.8518	1.9198		
18:56:43	10.0389	7.7453	1.8597		
18:56:53	10.1936	7.6519	2.0132		
18:57:03	10.2644	7.6436	1.9543		
18:57:13	10.1877	7.7233	1.8275		
18:57:23	10.0561	7.8215	1.8103		
18:57:33	9.9133	7.9155	1.8281		
18:57:43	9.7889	7.9869	1.7895		
18:57:53	9.7437	7.9953	1.7276		
18:58:03	9.8062	7.925	1.7377		
18:58:13	9.9264	7.8423	1.7662		
18:58:23	10.0579	7.7513	1.7579		
18:58:33	10.1478	7.7251	1.6597		
18:58:43	10.1305	7.7513	1.7615		
18:58:53	10.0258	7.8453	1.7299		
18:59:03	9.883	7.9423	1.6014		
18:59:13	9.7794	8.0197	1.624		
18:59:23	9.7473	7.9869	1.6579		
18:59:33	9.8657	7.8828	1.5461		
18:59:43	10.0317	7.7465	1.502		
18:59:53	10.262	7.6001	1.5461		
19:00:03	10.4073	7.5269	1.5222		
19:00:13	10.4376	7.537	1.502		
19:00:23	10.4739	7.5204	1.4116		
19:00:33	10.3995	7.5477	1.4705		
19:00:43	10.3959	7.5352	1.5693		
19:00:53	10.5025	7.3942	1.6502		
19:01:03	10.9393	6.9586	8.7802		
19:01:13	17.3731	0.7212	9.7157		
19:01:23	19.7614	0.3154	9.98		
19:01:33	20.0072	0.2493	10.3013		
19:01:43	20.0434	0.2285	6.5009		
19:01:53	19.3742	1.8817	6.0308		
19:02:03	16.0227	2.0013	2.0394		
19:02:13	6.2183	0.2493	1.3068		
19:02:23	0.8301	0.1975	1.2199		
19:02:33	0.3338	0.169	1.1426		
19:02:43	0.2005	0.1505	1.0122		

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	19:02:53	0.1297	0.1392	1.0521	
	19:03:03	0.0916	0.119	1.1205	
	19:03:13	0.063	0.1112	1.1426	
	19:03:23	0.0404	0.1077	1.0741	
	19:03:33	0.0267	0.1041	1.0747	
<b>Zero Bias</b>	<b>0.043367</b>	<b>0.107667</b>	<b>1.097133</b>		
	19:03:43	0.0113	0.1005	1.1057	
	19:03:53	0.0017	0.0987	1.1818	
	19:04:03	-0.0096	0.0952	1.1872	
	19:04:13	-0.0149	0.094	1.3306	
	19:04:23	-0.0209	0.0916	1.3532	
	19:04:33	-0.0286	0.0892	1.2931	
	19:04:43	-0.0304	0.0886	1.3116	
	19:04:53	-0.034	0.088	1.3705	
	19:05:03	-0.034	0.0868	1.9335	
	19:05:13	6.9663	4.0259	1.6966	
	19:05:23	6.8878	1.433	1.4859	
	19:05:33	8.7975	9.4533	1.4104	
	19:05:43	9.6729	9.7538	1.4419	
	19:05:53	9.7645	9.8276	1.4479	
	19:06:03	9.7931	9.8728	1.6288	
	19:06:13	9.8121	9.899	1.6062	
	19:06:23	9.8252	9.9187	1.6805	
	19:06:33	9.8371	9.9347	1.6681	
	19:06:43	9.8467	9.9478	1.655	
	19:06:53	9.8502	9.9556	1.718	
	19:07:03	9.8562	9.9639	1.7948	
<b>O2/CO2 Bias</b>	<b>9.851033</b>	<b>9.955767</b>	<b>1.7226</b>		
	19:07:13	9.8598	9.9698	1.9531	
	19:07:23	9.8615	9.9823	2.4024	
	19:07:33	10.043	8.9064	2.8785	
	19:07:43	11.9789	6.9401	12.5562	
	19:07:53	17.3062	0.9254	13.8857	
	19:08:03	19.7191	0.3975	14.1279	
	19:08:13	19.9613	0.307	14.2993	
	19:08:23	20.0208	0.2564	14.3636	
	19:08:33	20.053	0.219	14.4475	
	19:08:43	20.0777	0.1922	14.6159	

				Post test Regression Analysis Corrected THC Result (ppm)	Selected THC Result (ppm)
24 hour time	O2 (%)	CO2 (%)	THC (ppm )		
	19:08:53	20.0953	0.1743	14.6677	
	19:09:03	20.1064	0.1588	14.8248	
	19:09:13	20.1179	0.1475	14.8831	
	19:09:23	20.1255	0.138	14.8575	
<b>THC Mid Bias</b>	<b>20.1166</b>	<b>0.1481</b>	<b>14.85513</b>		
	19:09:33	20.133	0.1356	14.9384	
	19:09:43	20.1391	0.1339	5.3238	
	19:09:53	15.4371	4.3288	11.2053	
	19:10:03	17.9588	0.5141	10.293	
	19:10:13	20.055	0.1809	10.4531	
	19:10:23	20.2383	0.1499	10.5132	
	19:10:33	20.265	0.1356	10.4894	
	19:10:43	20.2745	0.1291	10.5185	
	19:10:53	20.2841	0.1214	10.4424	
	19:11:03	20.2896	0.116	10.2954	
	19:11:13	20.2952	0.1124	10.1145	
<b>THC Low Bias</b>	<b>20.28963</b>	<b>0.1166</b>	<b>10.2841</b>		
	19:11:23	20.2972	0.11	10.1591	
	19:11:33	20.2992	0.1071	5.7999	
	19:11:43	18.0081	3.1564	9.0492	
	19:11:53	16.0209	1.2568	22.1276	
	19:12:03	20.7645	0.169	23.0908	
	19:12:13	21.3194	0.1237	23.1326	
	19:12:23	21.3788	0.1095	23.2087	
	19:12:33	21.3999	0.1017	23.2182	
	19:12:43	21.409	0.0964	23.1936	
	19:12:53	21.4186	0.0934	23.2041	
	19:13:03	21.4226	0.0916	23.2595	
<b>THC Span Bias</b>	<b>21.41673</b>	<b>0.0938</b>	<b>23.21907</b>		
	19:13:13	21.4266	0.091	23.187	
	19:13:23	21.4322	0.0886	23.2223	
	19:13:33	21.4342	0.088	18.9603	
	19:13:43	21.4342	0.088	18.9603	

**Veolia Unit 2**

Uncorrected Concentrations									
9-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 2A	945-1053	11.14	6.59						0.00

Corrected O <sub>2</sub> Conc.					
9-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	945-1053	11.14	-0.02	1.01	11.23

Corrected CO <sub>2</sub> Conc.					
9-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	945-1053	6.59	0.10	1.01	6.56

**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/9/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span)
						2.0% Limit
zero gas	EEP443	0.00	07:24	-0.04	0.04	0.2%
span gas	CC189665	22.50	07:20	22.50	0.00	0.0%
mid-range	CC43355	10.10	07:22	10.07	0.03	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 2A	0.00	-0.04	07:33	-0.03	0.1%	10:55	0.00	0.2%	0.1%	C <sub>O</sub> = -0.016 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.007
	10.10	10.07	07:36	10.04	-0.1%	10:57	9.98	-0.4%	-0.3%	



**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/9/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:24	0.10	0.10	0.5%
span gas	CC189665	19.20	07:20	19.08	0.12	0.6%
mid-range	CC43355	10.00	07:22	10.06	0.06	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
2A	0.00	0.10	07:33	0.05	-0.3%	10:55	0.14	0.2%	0.5%	C <sub>0</sub> = 0.098 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.011
	10.00	10.06	07:36	9.99	-0.4%	10:57	9.98	-0.4%	-0.1%	

	O2 (%)	CO2 (%)
7:16:27	6.348	0.0827
7:16:37	0.5112	0.0743
7:16:47	0.0613	0.0726
7:16:57	0.0077	0.0726
7:17:07	-0.0078	0.0624
7:17:17	-0.0173	0.0624
7:17:27	-0.0209	0.0636
7:17:37	-0.0268	0.0642
7:17:47	-0.0322	0.0648
7:17:57	-0.0286	0.0672
7:18:07	7.6073	10.6399
7:18:17	20.8123	18.561
7:18:27	22.0007	18.8465
7:18:37	22.1245	18.9548
7:18:47	22.1512	18.9996
7:18:57	22.1663	19.0247
7:19:07	22.2293	19.0434
7:19:17	22.4775	19.058
7:19:27	22.4851	19.0595
7:19:37	22.4871	19.066
7:19:47	22.4926	19.0736
7:19:57	22.4967	19.0766
7:20:07	22.4982	19.0801
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.49583</b>	<b>19.07677</b>
7:20:17	22.4946	19.0363
7:20:27	22.4926	19.0187
7:20:37	22.4715	19.0535
7:20:47	12.6258	9.9502
7:20:57	10.2585	10.0657
7:21:07	10.1079	10.0805
7:21:17	10.0829	10.0811
7:21:27	10.0734	10.0793
7:21:37	10.0734	10.0746
7:21:47	10.0752	10.071
7:21:57	10.0716	10.0722
7:22:07	10.0674	10.0698
7:22:17	10.0698	10.0502
<b>O2/CO2 Mid 10.1/10.0</b>	<b>10.0696</b>	<b>10.06407</b>
7:22:27	10.1079	10.0448
7:22:37	9.4325	2.9368
7:22:47	1.793	0.2398
7:22:57	0.2404	0.1761

	O2 (%)	CO2 (%)
7:23:07	0.0285	0.1487
7:23:17	-0.0054	0.1321
7:23:27	-0.0191	0.119
7:23:37	-0.0268	0.1106
7:23:47	-0.0322	0.1041
7:23:57	-0.0399	0.0987
7:24:07	-0.0417	0.1071
7:24:17	-0.0477	0.1041
<b>N2 Zero</b>	<b>-0.0431</b>	<b>0.1033</b>
7:24:27	-0.0477	0.1077
7:24:37	8.1238	0.3058
7:24:47	20.3219	0.1356
7:24:57	20.8179	0.1458
7:25:07	19.5802	0.1434
7:25:17	20.7494	0.1368
7:25:27	20.8712	0.1356
7:25:37	20.8868	0.1374
7:25:47	20.8959	0.135
7:25:57	20.8999	0.1339
7:26:07	20.8657	0.1273
7:26:17	20.8521	0.1273
7:26:27	20.8848	0.1249
7:26:37	20.8924	0.1273
7:26:47	20.8904	0.1273
7:26:57	20.9055	0.1261
7:27:07	20.9019	0.1261
7:27:17	20.9019	0.1273
7:27:27	20.9019	0.1267
7:27:37	20.8999	0.1291
7:27:47	20.8944	0.1297
7:27:57	20.8959	0.1303
7:28:07	20.8959	0.1291
7:28:17	20.8979	0.1291
7:28:27	20.8979	0.1285
7:28:37	20.8979	0.1285
7:28:47	20.8979	0.1285
7:28:57	20.8999	0.1249
7:29:07	20.8999	0.1249
7:29:17	20.8999	0.1249
7:29:27	20.8999	0.1249
7:29:37	20.8999	0.1243
7:29:47	20.8999	0.1249
7:29:57	20.8999	0.1273

	O2 (%)	CO2 (%)
7:30:07	20.8999	0.1267
7:30:17	20.9019	0.1273
7:30:27	20.9019	0.1273
7:30:37	19.9709	0.1231
7:30:47	10.0942	0.0999
7:30:57	4.931	0.0862
7:31:07	3.6093	0.0749
7:31:17	3.645	0.0773
7:31:27	3.6474	0.0755
7:31:37	3.4718	0.0749
7:31:47	3.3611	0.0726
7:31:57	1.3163	0.0648
7:32:07	0.2249	0.0618
7:32:17	0.0535	0.0613
7:32:27	0.0208	0.0595
7:32:37	0.0041	0.0583
7:32:47	-0.0054	0.0571
7:32:57	-0.0149	0.0559
7:33:07	-0.0227	0.0559
7:33:17	-0.0268	0.0535
7:33:27	-0.0304	0.0529
<b>Zero Bias</b>	<b>-0.02663</b>	<b>0.0541</b>
7:33:37	-0.0363	0.0553
7:33:47	2.2816	0.0851
7:33:57	15.8037	0.1148
7:34:07	19.6164	0.119
7:34:17	20.5072	0.119
7:34:27	20.6804	0.1184
7:34:37	18.7503	0.341
7:34:47	11.2005	8.6189
7:34:57	10.6649	9.3283
7:35:07	10.1764	9.8574
7:35:17	10.0811	9.9169
7:35:27	10.0621	9.9395
7:35:37	10.0526	9.9574
7:35:47	10.0448	9.9698
7:35:57	10.043	9.9794
7:36:07	10.0413	9.9931
7:36:17	10.0389	10.0073
<b>O2/CO2 Bias</b>	<b>10.04107</b>	<b>9.993267</b>
7:36:27	10.0371	10.0127
7:36:37	10.0353	10.0175

	O2 (%)	CO2 (%)
7:36:47	14.5332	2.3572
7:36:57	19.8662	0.4951
7:37:07	20.6044	0.3701
7:37:17	20.7282	0.2951
7:37:27	20.774	0.2594
7:37:37	20.7987	0.2338
7:37:47	20.8199	0.2112
7:37:57	20.8315	0.1993
7:38:07	20.8425	0.188
7:38:17	20.8521	0.1773
7:38:27	20.8581	0.1797
7:38:37	20.8617	0.1773
7:38:47	20.8657	0.1731
7:38:57	20.8692	0.1696
7:39:07	20.8732	0.1672
7:39:17	20.8753	0.1642
7:39:27	20.8788	0.1612
7:39:37	20.8808	0.16
7:39:47	20.8828	0.1571
7:39:57	20.8868	0.1559
7:40:07	20.8884	0.1541
7:40:17	20.8868	0.1517
7:40:27	20.8904	0.1505
7:40:37	20.8924	0.1499
7:40:47	20.8924	0.1452
7:40:57	20.8944	0.1249
7:41:07	20.8944	0.1297
7:41:17	20.8979	0.1285
7:41:27	20.8979	0.1285
7:41:37	20.8979	0.1273
7:41:47	20.8999	0.1267
7:41:57	20.8999	0.1261
7:42:07	20.9019	0.1249
7:42:17	20.9019	0.1249
7:42:27	20.904	0.1243
7:42:37	20.9019	0.1249
7:42:47	20.9055	0.1237
7:42:57	20.9055	0.1231
7:43:07	20.9055	0.122
7:43:17	20.9055	0.1208
7:43:27	20.9055	0.1202
7:43:37	20.9075	0.1202
7:43:47	20.9075	0.1208
7:43:57	20.9075	0.119

	O2 (%)	CO2 (%)
7:44:07	20.9095	0.1184
7:44:17	20.9095	0.119
7:44:27	20.9095	0.119
7:44:37	20.9095	0.1178
7:44:47	20.9095	0.1178
7:44:57	20.9095	0.1178
7:45:07	20.9095	0.116
7:45:17	20.9115	0.116
7:45:27	20.9115	0.116
7:45:37	20.9115	0.1154
7:45:47	20.9115	0.119
7:45:57	20.9115	0.1231
7:46:07	20.9115	0.122
7:46:17	20.915	0.122
7:46:27	20.9135	0.122
7:46:37	20.915	0.122
7:46:47	20.9135	0.1214
7:46:57	20.9135	0.122
7:47:07	20.915	0.122
7:47:17	20.915	0.1214
7:47:27	20.9115	0.1214
7:47:37	20.915	0.1208
7:47:47	20.915	0.1208
7:47:57	20.9171	0.1208
7:48:07	20.9135	0.1231
7:48:17	20.915	0.1237
7:48:27	20.915	0.1243
7:48:37	20.915	0.1243
7:48:47	20.9171	0.1243
7:48:57	20.9171	0.1237
7:49:07	20.9171	0.1237
7:49:17	20.9171	0.1237
7:49:27	20.9171	0.1237
7:49:37	20.915	0.1237
7:49:47	20.9171	0.1237
7:49:57	20.9171	0.1231
7:50:07	20.9171	0.122
7:50:17	20.9191	0.122
7:50:27	20.9171	0.1237
7:50:37	20.9191	0.1208
7:50:47	20.915	0.119
7:50:57	20.9191	0.119
7:51:07	20.9171	0.1166
7:51:17	20.9191	0.116

	O2 (%)	CO2 (%)
7:51:27	20.9191	0.1166
7:51:37	20.9171	0.1154
7:51:47	20.9191	0.1136
7:51:57	20.9191	0.113
7:52:07	20.9211	0.1106
7:52:17	20.9191	0.1095
7:52:27	20.9211	0.1095
7:52:37	20.9211	0.1095
7:52:47	20.9191	0.1071
7:52:57	20.9191	0.1071
7:53:07	20.9171	0.113
7:53:17	20.9191	0.119
7:53:27	20.9231	0.1184
7:53:37	20.9211	0.1184
7:53:47	20.9211	0.1178
7:53:57	20.9211	0.1166
7:54:07	20.9191	0.1148
7:54:17	20.9211	0.1136
7:54:27	20.9231	0.113
7:54:37	20.9191	0.1124
7:54:47	20.9322	0.113
7:54:57	20.9211	0.11
7:55:07	20.9191	0.1083
7:55:17	20.9171	0.1077
7:55:27	20.9171	0.1178
7:55:37	20.9191	0.1273
7:55:47	20.9191	0.1267
7:55:57	20.9191	0.1249
7:56:07	20.9231	0.1249
7:56:17	20.9171	0.1243
7:56:27	20.9231	0.1237
7:56:37	20.9211	0.1231
7:56:47	20.9171	0.122
7:56:57	20.915	0.1214
7:57:07	20.9191	0.1208
7:57:17	20.9171	0.1208
7:57:27	20.9191	0.119
7:57:37	20.9191	0.119
7:57:47	20.9171	0.1178
7:57:57	20.9171	0.1261
7:58:07	20.9171	0.1297
7:58:17	20.9211	0.1303
7:58:27	20.9191	0.1303
7:58:37	20.9191	0.1297

	O2 (%)	CO2 (%)
7:58:47	20.9191	0.1297
7:58:57	20.9191	0.1297
7:59:07	20.9191	0.1285
7:59:17	20.9191	0.1267
7:59:27	20.9191	0.1261
7:59:37	20.9171	0.1267
7:59:47	20.9211	0.1261
7:59:57	20.9211	0.1237
8:00:07	20.9231	0.122
8:00:17	20.9211	0.1166
8:00:27	20.9191	0.1106
8:00:37	20.9211	0.1124
8:00:47	20.9211	0.1106
8:00:57	20.9211	0.1106
8:01:07	20.9211	0.1112
8:01:17	20.9211	0.1124
8:01:27	20.9211	0.1112
8:01:37	20.9231	0.1112
8:01:47	20.9211	0.1136
8:01:57	20.9191	0.1124
8:02:07	20.9211	0.1124
8:02:17	20.9231	0.1124
8:02:27	20.9231	0.1124
8:02:37	20.9231	0.1112
8:02:47	20.9211	0.1095
8:02:57	20.9246	0.1095
8:03:07	20.9231	0.1083
8:03:17	20.9211	0.1083
8:03:27	20.9191	0.1083
8:03:37	20.9231	0.1077
8:03:47	20.9231	0.1083
8:03:57	20.9211	0.1083
8:04:07	20.9231	0.1083
8:04:17	20.9211	0.1083
8:04:27	20.9211	0.1095
8:04:37	20.9211	0.1071
8:04:47	20.9211	0.1077
8:04:57	20.9211	0.1077
8:05:07	20.9211	0.1077
8:05:17	20.9211	0.0993
8:05:27	20.9211	0.113
8:05:37	20.9231	0.1124
8:05:47	20.9231	0.113
8:05:57	20.9246	0.113



	O2 (%)	CO2 (%)
8:06:07	20.9211	0.113
8:06:17	20.9211	0.113
8:06:27	20.9231	0.113
8:06:37	20.9246	0.1124
8:06:47	20.9231	0.1124
8:06:57	20.9231	0.1124
8:07:07	20.9231	0.1106
8:07:17	20.9211	0.1106
8:07:27	20.9211	0.1124
8:07:37	20.9231	0.1154
8:07:47	20.9211	0.1166
8:07:57	20.9266	0.1184
8:08:07	20.9246	0.1178
8:08:17	20.9231	0.116
8:08:27	20.9246	0.1166
8:08:37	20.9231	0.1136
8:08:47	20.9246	0.116
8:08:57	20.9246	0.1202
8:09:07	20.9246	0.1184
8:09:17	20.9246	0.1166
8:09:27	20.9246	0.1166
8:09:37	20.9246	0.1136
8:09:47	20.9266	0.1148
8:09:57	20.9266	0.1154
8:10:07	20.9266	0.122
8:10:17	20.9266	0.1124
8:10:27	20.9286	0.1047
8:10:37	20.9286	0.1029
8:10:47	20.9306	0.1023
8:10:57	20.9306	0.1023
8:11:07	20.9306	0.1041
8:11:17	20.9266	0.1041
8:11:27	20.9306	0.1053
8:11:37	20.9286	0.1071
8:11:47	20.9266	0.1059
8:11:57	20.9286	0.1059
8:12:07	20.9322	0.1053
8:12:17	20.9266	0.1041
8:12:27	20.9286	0.1071
8:12:37	20.9306	0.1077
8:12:47	20.9306	0.1005
8:12:57	20.9306	0.1005
8:13:07	20.9286	0.1023
8:13:17	20.9286	0.1017

	O2 (%)	CO2 (%)
8:13:27	20.9306	0.1005
8:13:37	20.9306	0.1017
8:13:47	20.9286	0.1005
8:13:57	20.9286	0.1041
8:14:07	20.9286	0.1047
8:14:17	20.9266	0.1029
8:14:27	20.9266	0.1041
8:14:37	20.9246	0.1077
8:14:47	20.9266	0.1059
8:14:57	20.9266	0.1053
8:15:07	20.9246	0.0987
8:15:17	20.9246	0.1047
8:15:27	20.9246	0.1041
8:15:37	20.9246	0.1017
8:15:47	20.9266	0.1023
8:15:57	20.9246	0.1023
8:16:07	20.9266	0.1005
8:16:17	20.9246	0.0999
8:16:27	20.9286	0.0993
8:16:37	20.9246	0.0976
8:16:47	20.9266	0.0999
8:16:57	20.9211	0.0987
8:17:07	20.9231	0.0952
8:17:17	20.9246	0.0964
8:17:27	20.9246	0.0993
8:17:37	20.9231	0.1059
8:17:47	20.9246	0.1178
8:17:57	20.9231	0.1178
8:18:07	20.9246	0.1166
8:18:17	20.9246	0.1154
8:18:27	20.9246	0.1154
8:18:37	20.9246	0.116
8:18:47	20.9266	0.116
8:18:57	20.9246	0.1124
8:19:07	20.9266	0.1124
8:19:17	20.9266	0.1124
8:19:27	20.9266	0.1112
8:19:37	20.9266	0.1106
8:19:47	20.9266	0.1077
8:19:57	20.9266	0.1136
8:20:07	20.9266	0.1243
8:20:17	20.9266	0.1243
8:20:27	20.9266	0.1249
8:20:37	20.9286	0.1249

	O2 (%)	CO2 (%)
8:20:47	20.9286	0.1243
8:20:57	20.9246	0.1237
8:21:07	20.9286	0.122
8:21:17	20.9266	0.1231
8:21:27	20.9266	0.1231
8:21:37	20.9211	0.1231
8:21:47	20.9266	0.1214
8:21:57	20.9266	0.1208
8:22:07	20.9286	0.119
8:22:17	20.9286	0.119
8:22:27	20.9266	0.1202
8:22:37	20.9286	0.113
8:22:47	20.9286	0.1095
8:22:57	20.9286	0.1095
8:23:07	20.9266	0.1112
8:23:17	20.9286	0.11
8:23:27	20.9135	0.11
8:23:37	20.915	0.1106
8:23:47	20.9246	0.1095
8:23:57	20.915	0.1083
8:24:07	20.9246	0.1095
8:24:17	20.9246	0.1083
8:24:27	20.9266	0.1077
8:24:37	20.9246	0.1077
8:24:47	20.9231	0.1077
8:24:57	20.9231	0.1083
8:25:07	20.9231	0.1077
8:25:17	20.9211	0.1077
8:25:27	20.9211	0.1077
8:25:37	20.9231	0.1071
8:25:47	20.9231	0.1053
8:25:57	20.9266	0.1047
8:26:07	20.9231	0.1053
8:26:17	20.9231	0.1053
8:26:27	20.9211	0.1047
8:26:37	20.9191	0.1059
8:26:47	20.9191	0.1059
8:26:57	20.9211	0.1053
8:27:07	20.9231	0.1059
8:27:17	20.9211	0.1059
8:27:27	20.9211	0.1059
8:27:37	20.9211	0.1083
8:27:47	20.9211	0.1112
8:27:57	20.9211	0.1106

	O2 (%)	CO2 (%)
8:28:07	20.9231	0.11
8:28:17	20.9211	0.1112
8:28:27	20.9211	0.113
8:28:37	20.9231	0.1124
8:28:47	20.9231	0.1112
8:28:57	20.9211	0.1112
8:29:07	20.9231	0.11
8:29:17	20.9231	0.1106
8:29:27	20.9211	0.113
8:29:37	20.9231	0.1106
8:29:47	20.9211	0.1095
8:29:57	20.8315	0.1749
8:30:07	20.9095	0.1148
8:30:17	20.9211	0.116
8:30:27	20.9231	0.1154
8:30:37	20.9231	0.1136
8:30:47	20.9246	0.113
8:30:57	20.9231	0.113
8:31:07	20.9231	0.1148
8:31:17	20.9231	0.1154
8:31:27	20.9246	0.1136
8:31:37	20.9246	0.1124
8:31:47	20.9231	0.113
8:31:57	20.9246	0.1136
8:32:07	20.9246	0.113
8:32:17	20.9231	0.1124
8:32:27	20.9231	0.1124
8:32:37	20.9246	0.1112
8:32:47	20.9246	0.097
8:32:57	20.9231	0.097
8:33:07	20.9231	0.0999
8:33:17	20.9266	0.0999
8:33:27	20.9266	0.0976
8:33:37	20.9246	0.0999
8:33:47	20.9246	0.1017
8:33:57	20.9266	0.1029
8:34:07	20.9266	0.1029
8:34:17	20.9266	0.1017
8:34:27	20.9286	0.1041
8:34:37	20.9266	0.1059
8:34:47	20.9266	0.1059
8:34:57	20.9266	0.1077
8:35:07	20.9286	0.1077
8:35:17	20.9286	0.0976

	O2 (%)	CO2 (%)
8:35:27	20.9266	0.0964
8:35:37	20.9306	0.094
8:35:47	20.9286	0.0916
8:35:57	20.9322	0.094
8:36:07	20.9306	0.0946
8:36:17	20.9322	0.0922
8:36:27	20.9322	0.0922
8:36:37	20.9342	0.094
8:36:47	20.9322	0.0964
8:36:57	20.9322	0.097
8:37:07	20.9322	0.0964
8:37:17	20.9322	0.097
8:37:27	20.9322	0.0999
8:37:37	20.9306	0.1023
8:37:47	20.9306	0.0987
8:37:57	20.9322	0.1059
8:38:07	20.9306	0.1029
8:38:17	20.9322	0.1029
8:38:27	20.9306	0.1053
8:38:37	20.9306	0.1059
8:38:47	20.9306	0.1041
8:38:57	20.9306	0.1005
8:39:07	20.9322	0.0999
8:39:17	20.9306	0.0993
8:39:27	20.9306	0.0987
8:39:37	20.9286	0.1005
8:39:47	20.9306	0.1005
8:39:57	20.9286	0.1017
8:40:07	20.9306	0.1017
8:40:17	20.9306	0.1041
8:40:27	20.9306	0.1154
8:40:37	20.9306	0.1148
8:40:47	20.9286	0.116
8:40:57	20.9322	0.113
8:41:07	20.9286	0.1106
8:41:17	20.9266	0.1095
8:41:27	20.9306	0.11
8:41:37	20.9286	0.1095
8:41:47	20.9266	0.1095
8:41:57	20.9266	0.1095
8:42:07	20.9286	0.1053
8:42:17	20.9266	0.1041
8:42:27	20.9246	0.1077
8:42:37	20.9266	0.1071

	O2 (%)	CO2 (%)
8:42:47	20.9513	0.116
8:42:57	20.9266	0.113
8:43:07	20.9266	0.1106
8:43:17	20.9191	0.113
8:43:27	20.904	0.1136
8:43:37	20.9231	0.1178
8:43:47	20.9211	0.1202
8:43:57	20.9266	0.1184
8:44:07	20.9286	0.1178
8:44:17	20.9266	0.1178
8:44:27	20.9306	0.119
8:44:37	20.9075	0.1208
8:44:47	20.9286	0.122
8:44:57	20.9362	0.1231
8:45:07	20.9286	0.1214
8:45:17	20.9306	0.1071
8:45:27	20.9246	0.1095
8:45:37	20.8848	0.113
8:45:47	20.9306	0.1148
8:45:57	20.9322	0.1136
8:46:07	20.9306	0.1148
8:46:17	20.9322	0.1178
8:46:27	20.9322	0.1178
8:46:37	20.9286	0.1166
8:46:47	20.9306	0.1178
8:46:57	20.9306	0.1184
8:47:07	20.9306	0.1208
8:47:17	20.9322	0.1214
8:47:27	20.9306	0.1214
8:47:37	20.9322	0.1208
8:47:47	20.9322	0.113
8:47:57	20.9342	0.1023
8:48:07	20.9342	0.1029
8:48:17	20.9342	0.1047
8:48:27	20.9342	0.1041
8:48:37	20.9362	0.1047
8:48:47	20.9342	0.1053
8:48:57	20.9362	0.1071
8:49:07	20.9362	0.1071
8:49:17	20.9362	0.1077
8:49:27	20.9362	0.1083
8:49:37	20.9362	0.11
8:49:47	20.9362	0.1124
8:49:57	20.9362	0.1136

	O2 (%)	CO2 (%)
8:50:07	20.9362	0.1083
8:50:17	20.9362	0.1124
8:50:27	20.9382	0.1148
8:50:37	20.9362	0.1112
8:50:47	20.9382	0.1106
8:50:57	20.9382	0.1148
8:51:07	20.9382	0.1113
8:51:17	20.9382	0.1106
8:51:27	20.9382	0.1113
8:51:37	20.9382	0.1148
8:51:47	20.9362	0.1124
8:51:57	20.9362	0.1106
8:52:07	20.9382	0.1113
8:52:17	20.9382	0.1136
8:52:27	20.9382	0.1113
8:52:37	20.9402	0.1273
8:52:47	20.9382	0.1112
8:52:57	20.9402	0.1113
8:53:07	20.9382	0.1136
8:53:17	20.9402	0.1113
8:53:27	20.9382	0.1148
8:53:37	20.9382	0.1116
8:53:47	20.9382	0.1166
8:53:57	20.9402	0.1116
8:54:07	20.9382	0.1148
8:54:17	20.9342	0.1154
8:54:27	20.9382	0.1116
8:54:37	20.9382	0.1116
8:54:47	20.9382	0.1184
8:54:57	20.9382	0.11
8:55:07	20.9382	0.1017
8:55:17	20.9402	0.1005
8:55:27	20.9382	0.0999
8:55:37	20.9402	0.0999
8:55:47	20.9382	0.1023
8:55:57	20.9382	0.1023
8:56:07	20.9417	0.1017
8:56:17	20.9417	0.1017
8:56:27	20.9402	0.1029
8:56:37	20.9402	0.1053
8:56:47	20.9402	0.1047
8:56:57	20.9417	0.1041
8:57:07	20.9402	0.1047
8:57:17	20.9402	0.0993

	O2 (%)	CO2 (%)
8:57:27	20.9417	0.1071
8:57:37	20.9437	0.1059
8:57:47	20.9417	0.1047
8:57:57	20.9402	0.1029
8:58:07	20.9402	0.1005
8:58:17	20.9417	0.1005
8:58:27	20.9417	0.0999
8:58:37	20.9417	0.1005
8:58:47	20.9437	0.1005
8:58:57	20.9417	0.1017
8:59:07	20.9417	0.0999
8:59:17	20.9417	0.0993
8:59:27	20.9417	0.0976
8:59:37	20.9417	0.1095
8:59:47	20.9417	0.1178
8:59:57	20.9417	0.1178
9:00:07	20.9417	0.1184
9:00:17	20.9417	0.1184
9:00:27	20.9402	0.1184
9:00:37	20.9417	0.1178
9:00:47	20.9417	0.1178
9:00:57	20.9417	0.1166
9:01:07	20.9417	0.116
9:01:17	20.9417	0.1154
9:01:27	20.9417	0.116
9:01:37	20.9417	0.1166
9:01:47	20.9417	0.1166
9:01:57	20.9437	0.1148
9:02:07	20.9417	0.116
9:02:17	20.9437	0.116
9:02:27	20.9417	0.1136
9:02:37	20.9437	0.1136
9:02:47	20.9417	0.1154
9:02:57	20.9402	0.1166
9:03:07	20.9402	0.1148
9:03:17	20.9417	0.1136
9:03:27	20.9417	0.116
9:03:37	20.9417	0.116
9:03:47	20.9417	0.1166
9:03:57	20.9402	0.116
9:04:07	20.9402	0.1154
9:04:17	20.9437	0.119
9:04:27	20.9417	0.1148
9:04:37	20.9417	0.1112



	O2 (%)	CO2 (%)
9:04:47	20.9402	0.1124
9:04:57	20.9402	0.1124
9:05:07	20.9417	0.1112
9:05:17	20.9402	0.1106
9:05:27	20.9417	0.1106
9:05:37	20.9417	0.1124
9:05:47	20.9417	0.1124
9:05:57	20.9417	0.1106
9:06:07	20.9437	0.1106
9:06:17	20.9417	0.1106
9:06:27	20.9417	0.1124
9:06:37	20.9402	0.1112
9:06:47	20.9402	0.1095
9:06:57	20.9417	0.1095
9:07:07	20.9417	0.1106
9:07:17	20.9417	0.11
9:07:27	20.9402	0.1083
9:07:37	20.9402	0.1095
9:07:47	20.9402	0.11
9:07:57	20.9402	0.1112
9:08:07	20.9402	0.11
9:08:17	20.9402	0.1083
9:08:27	20.9402	0.1095
9:08:37	20.9402	0.1083
9:08:47	20.9417	0.1083
9:08:57	20.9402	0.11
9:09:07	20.9417	0.1154
9:09:17	20.9417	0.1154
9:09:27	20.9382	0.1148
9:09:37	20.9402	0.1148
9:09:47	20.9417	0.1136
9:09:57	20.9417	0.1148
9:10:07	20.9417	0.1154
9:10:17	20.9437	0.1148
9:10:27	20.9437	0.116
9:10:37	20.9402	0.1184
9:10:47	20.9402	0.1166
9:10:57	20.9417	0.1148
9:11:07	20.9417	0.116
9:11:17	20.9417	0.1166
9:11:27	20.9402	0.1166
9:11:37	20.9402	0.1166
9:11:47	20.9402	0.1249
9:11:57	20.9402	0.1237

	O2 (%)	CO2 (%)
9:12:07	20.9402	0.122
9:12:17	20.9417	0.1202
9:12:27	20.9417	0.1202
9:12:37	20.9437	0.1202
9:12:47	20.9417	0.1208
9:12:57	20.9417	0.1214
9:13:07	20.9402	0.1214
9:13:17	20.9382	0.119
9:13:27	20.9417	0.1178
9:13:37	20.9417	0.1178
9:13:47	20.9402	0.116
9:13:57	20.9417	0.1208
9:14:07	20.9417	0.1243
9:14:17	20.9417	0.1231
9:14:27	20.9417	0.1231
9:14:37	20.9417	0.1237
9:14:47	20.9417	0.1231
9:14:57	20.9402	0.122
9:15:07	20.9417	0.1208
9:15:17	20.9417	0.1214
9:15:27	20.9417	0.122
9:15:37	20.9417	0.1231
9:15:47	20.9402	0.1214
9:15:57	20.9402	0.119
9:16:07	20.9417	0.1178
9:16:17	20.9402	0.1231
9:16:27	20.9402	0.1237
9:16:37	20.9402	0.1237
9:16:47	20.9417	0.122
9:16:57	20.9402	0.1214
9:17:07	20.9417	0.122
9:17:17	20.9417	0.1243
9:17:27	20.9402	0.1231
9:17:37	20.9402	0.119
9:17:47	20.9382	0.1202
9:17:57	20.9402	0.1208
9:18:07	20.9402	0.1184
9:18:17	20.9402	0.1178
9:18:27	20.9417	0.119
9:18:37	20.9402	0.1249
9:18:47	20.9402	0.119
9:18:57	20.9417	0.1178
9:19:07	20.9382	0.1237
9:19:17	20.9402	0.1214

	O2 (%)	CO2 (%)
9:19:27	20.9402	0.1214
9:19:37	20.9417	0.122
9:19:47	20.9437	0.1214
9:19:57	20.9402	0.122
9:20:07	20.9402	0.1231
9:20:17	20.9402	0.1273
9:20:27	20.9402	0.1249
9:20:37	20.9417	0.1243
9:20:47	20.9417	0.1231
9:20:57	20.9417	0.1202
9:21:07	20.9402	0.1178
9:21:17	20.9417	0.1184
9:21:27	20.9417	0.1184
9:21:37	20.9417	0.1184
9:21:47	20.9402	0.1214
9:21:57	20.9417	0.1202
9:22:07	20.9402	0.119
9:22:17	20.9417	0.1285
9:22:27	20.9402	0.1184
9:22:37	20.9417	0.1166
9:22:47	20.9417	0.119
9:22:57	20.9402	0.1202
9:23:07	20.9402	0.122
9:23:17	20.9417	0.1273
9:23:27	20.9402	0.1148
9:23:37	20.9402	0.1154
9:23:47	20.9402	0.116
9:23:57	20.9402	0.1178
9:24:07	20.9402	0.1178
9:24:17	20.9402	0.1178
9:24:27	20.9402	0.116
9:24:37	20.9402	0.1178
9:24:47	20.9402	0.1202
9:24:57	20.9417	0.1184
9:25:07	20.9417	0.1178
9:25:17	20.9382	0.1184
9:25:27	20.9382	0.1208
9:25:37	20.9382	0.116
9:25:47	20.9382	0.1053
9:25:57	20.9402	0.1053
9:26:07	20.9382	0.1071
9:26:17	20.9402	0.1071
9:26:27	20.9402	0.1083
9:26:37	20.9417	0.1077

	O2 (%)	CO2 (%)
9:26:47	20.9402	0.11
9:26:57	20.9417	0.1083
9:27:07	20.9417	0.1077
9:27:17	20.9437	0.1083
9:27:27	20.9417	0.1106
9:27:37	20.9382	0.1124
9:27:47	20.9402	0.1106
9:27:57	20.9402	0.1041
9:28:07	20.9402	0.1071
9:28:17	20.9402	0.1053
9:28:27	20.9402	0.1053
9:28:37	20.9417	0.1053
9:28:47	20.9417	0.1053
9:28:57	20.9417	0.1029
9:29:07	20.9417	0.1023
9:29:17	20.9417	0.1041
9:29:27	20.9417	0.1047
9:29:37	20.9417	0.1041
9:29:47	20.9402	0.1023
9:29:57	20.9437	0.1023
9:30:07	20.9417	0.1124
9:30:17	20.9417	0.1231
9:30:27	20.9417	0.1208
9:30:37	20.9437	0.1202
9:30:47	20.9437	0.1214
9:30:57	20.9417	0.1231
9:31:07	20.9402	0.1214
9:31:17	15.5252	5.6928
9:31:27	11.8379	6.367
9:31:37	11.2065	6.5753
9:31:47	10.9678	6.6854
9:31:57	10.8536	6.7146
9:32:07	10.9089	6.6473
9:32:17	11.0327	6.5503
9:32:27	11.1148	6.5307
9:32:37	11.1053	6.592
9:32:47	11.0214	6.6515
9:32:57	10.9202	6.7396
9:33:07	10.7869	6.8098
9:33:17	10.7274	6.8128
9:33:27	10.7965	6.7318
9:33:37	10.9149	6.6456
9:33:47	11.0327	6.5688
9:33:57	11.1131	6.5414

	O2 (%)	CO2 (%)
9:34:07	11.1035	6.5968
9:34:17	11.025	6.6533
9:34:27	10.9315	6.7217
9:34:37	10.8613	6.7408
9:34:47	10.85	6.7205
9:34:57	10.9315	6.6378
9:35:07	11.0577	6.5361
9:35:17	11.1833	6.4831
9:35:27	11.2541	6.4718
9:35:37	11.2005	6.5349
9:35:47	11.1434	6.5593
9:35:57	11.0958	6.5741
9:36:07	11.1131	6.5236
9:36:17	11.2065	6.4266
9:36:27	11.3267	6.3581
9:36:37	11.4088	6.323
9:36:47	11.4183	6.3444
9:36:57	11.3553	6.4295
9:37:07	11.2124	6.5283
9:37:17	11.0976	6.5908
9:37:27	11.0541	6.5962
9:37:37	11.0732	6.5718
9:37:47	11.1607	6.4819
9:37:57	11.2749	6.4069
9:38:07	11.3535	6.3724
9:38:17	11.3571	6.4129
9:38:27	11.2809	6.4986
9:38:37	11.1761	6.5444
9:38:47	11.1071	6.5884
9:38:57	11.0768	6.5771
9:39:07	11.1303	6.5176
9:39:17	11.2273	6.4396
9:39:27	11.3249	6.3688
9:39:37	11.3916	6.3474
9:39:47	11.3969	6.3766
9:39:57	11.3112	6.4742
9:40:07	11.2029	6.5313
9:40:17	11.1381	6.5694
9:40:27	11.094	6.5831
9:40:37	11.0922	6.5593
9:40:47	11.1738	6.4682
9:40:57	11.2749	6.4123
9:41:07	11.3077	6.4254
9:41:17	11.2696	6.4873

	O2 (%)	CO2 (%)
9:41:27	11.1416	6.5932
9:41:37	11.044	6.6515
9:41:47	10.9738	6.6801
9:41:57	10.972	6.6587
9:42:07	11.0369	6.5849
9:42:17	11.1607	6.4938
9:42:27	11.2505	6.4521
9:42:37	11.2773	6.4563
9:42:47	11.2696	6.4831
9:42:57	11.1874	6.5557
9:43:07	11.1226	6.5825
9:43:17	11.0559	6.6343
9:43:27	10.9869	6.6616
9:43:37	10.9988	6.6045
9:43:47	11.1089	6.52
9:43:57	11.216	6.4486
9:44:07	11.2672	6.4391
9:44:17	11.2386	6.4992
9:44:27	11.1547	6.5694
9:44:37	11.0595	6.6176
9:44:47	10.9988	6.6587
9:44:57	10.9506	6.6878

**Start Run 2A**

9:45:07	10.9012	6.7122
9:45:17	10.8952	6.708
9:45:27	10.9167	6.689
9:45:37	10.9262	6.6944
9:45:47	10.9012	6.7051
9:45:57	10.903	6.6955
9:46:07	10.8994	6.7158
9:46:17	10.8726	6.742
9:46:27	10.8667	6.7443
9:46:37	10.8595	6.7497
9:46:47	10.8268	6.7753
9:46:57	10.7732	6.7795
9:47:07	10.8554	6.7045
9:47:17	11.0309	6.5134
9:47:27	11.2481	6.354
9:47:37	11.4356	6.229
9:47:47	11.5481	6.1534
9:47:57	11.607	6.11
9:48:07	11.6546	6.0689
9:48:17	11.704	6.0588

	O2 (%)	CO2 (%)
9:48:27	11.6796	6.0885
9:48:37	11.6659	6.107
9:48:47	11.6528	6.1635
9:48:57	11.5457	6.2885
9:49:07	11.4183	6.3956
9:49:17	11.3154	6.4694
9:49:27	11.2791	6.4926
9:49:37	11.2291	6.517
9:49:47	11.2559	6.4962
9:49:57	11.2731	6.4748
9:50:07	11.2886	6.47
9:50:17	11.2844	6.4926
9:50:27	11.2333	6.539
9:50:37	11.222	6.5497
9:50:47	11.1761	6.5872
9:50:57	11.1529	6.5956
9:51:07	11.1529	6.5747
9:51:17	11.2255	6.4992
9:51:27	11.2844	6.4551
9:51:37	11.3475	6.423
9:51:47	11.3517	6.4575
9:51:57	11.2904	6.517
9:52:07	11.2333	6.5557
9:52:17	11.1857	6.5819
9:52:27	11.1624	6.5944
9:52:37	11.2029	6.5313
9:52:47	11.2922	6.464
9:52:57	11.3969	6.3873
9:53:07	11.466	6.3605
9:53:17	11.4219	6.4289
9:53:27	11.3321	6.4861
9:53:37	11.2368	6.5616
9:53:47	11.1511	6.6021
9:53:57	11.1285	6.5902
9:54:07	11.2255	6.4908
9:54:17	11.3267	6.4212
9:54:27	11.4237	6.3688
9:54:37	11.4564	6.3694
9:54:47	11.4088	6.4391
9:54:57	11.3321	6.4831
9:55:07	11.2273	6.5563
9:55:17	11.172	6.5777
9:55:27	11.1529	6.5593
9:55:37	11.2505	6.467

	O2 (%)	CO2 (%)
9:55:47	11.3838	6.3682
9:55:57	11.4737	6.3212
9:56:07	11.4981	6.3444
9:56:17	11.4332	6.4033
9:56:27	11.3457	6.4819
9:56:37	11.2178	6.5575
9:56:47	11.1642	6.5646
9:56:57	11.2291	6.4795
9:57:07	11.3303	6.4117
9:57:17	11.4392	6.3296
9:57:27	11.5023	6.3206
9:57:37	11.4963	6.3605
9:57:47	11.4332	6.4212
9:57:57	11.3362	6.4879
9:58:07	11.2541	6.5206
9:58:17	11.2315	6.5224
9:58:27	11.2963	6.4277
9:58:37	11.4219	6.3385
9:58:47	11.529	6.2724
9:58:57	11.5725	6.2718
9:59:07	11.5439	6.3337
9:59:17	11.4618	6.3962
9:59:27	11.3475	6.4873
9:59:37	11.2386	6.542
9:59:47	11.222	6.5117
9:59:57	11.3553	6.3807
10:00:07	11.4886	6.2897
10:00:17	11.582	6.2385
10:00:27	11.6183	6.248
10:00:37	11.5534	6.3284
10:00:47	11.4427	6.3932
10:00:57	11.3707	6.4402
10:01:07	11.2981	6.4748
10:01:17	11.2654	6.4855
10:01:27	11.2541	6.4777
10:01:37	11.319	6.4022
10:01:47	11.3172	6.4533
10:01:57	11.2672	6.4926
10:02:07	11.2791	6.426
10:02:17	11.3898	6.3331
10:02:27	11.4011	6.4396
10:02:37	11.1476	6.7146
10:02:47	10.8423	6.9342
10:02:57	10.6554	7.0479



	O2 (%)	CO2 (%)
10:03:07	10.6435	7.0157
10:03:17	10.7488	6.9372
10:03:27	10.8881	6.8211
10:03:37	11.0559	6.6914
10:03:47	11.2731	6.5099
10:03:57	11.4451	6.3885
10:04:07	11.5725	6.2986
10:04:17	11.601	6.3022
10:04:27	11.5552	6.3421
10:04:37	11.4713	6.3849
10:04:47	11.4279	6.4045
10:04:57	11.4261	6.3718
10:05:07	11.5136	6.2849
10:05:17	11.6129	6.2141
10:05:27	11.6832	6.1897
10:05:37	11.6588	6.2445
10:05:47	11.5671	6.3224
10:05:57	11.4356	6.4135
10:06:07	11.3422	6.4575
10:06:17	11.3344	6.4349
10:06:27	11.5707	6.3688
10:06:37	11.491	6.2968
10:06:47	11.5653	6.2843
10:06:57	11.5326	6.3415
10:07:07	11.4808	6.3944
10:07:17	11.3684	6.4771
10:07:27	11.2868	6.5206
10:07:37	11.2904	6.464
10:07:47	11.3916	6.3748
10:07:57	11.5005	6.2992
10:08:07	11.5725	6.279
10:08:17	11.582	6.298
10:08:27	11.5076	6.3932
10:08:37	11.3666	6.4825
10:08:47	11.2541	6.5456
10:08:57	11.2428	6.5009
10:09:07	11.3077	6.4533
10:09:17	11.3951	6.3956
10:09:27	11.4374	6.4087
10:09:37	11.3993	6.4635
10:09:47	11.2999	6.5575
10:09:57	11.1833	6.6229
10:10:07	11.1131	6.6402
10:10:17	11.1452	6.5801

	O2 (%)	CO2 (%)
10:10:27	11.2446	6.5015
10:10:37	11.3362	6.4498
10:10:47	11.3475	6.4938
10:10:57	11.3725	6.5372
10:11:07	11.2178	6.6116
10:11:17	11.1339	6.6503
10:11:27	11.1398	6.5872
10:11:37	11.2618	6.4771
10:11:47	11.4314	6.3337
10:11:57	11.5993	6.2421
10:12:07	11.7141	6.1713
10:12:17	11.8016	6.1397
10:12:27	11.8224	6.1332
10:12:37	11.8076	6.1469
10:12:47	11.8111	6.1171
10:12:57	11.8433	6.0909
10:13:07	11.895	6.0374
10:13:17	11.9676	5.9993
10:13:27	11.9694	6.0385
10:13:37	11.9141	6.1022
10:13:47	11.8034	6.1832
10:13:57	11.7308	6.2129
10:14:07	11.754	6.1742
10:14:17	11.754	6.1564
10:14:27	11.8147	6.1344
10:14:37	11.8189	6.1683
10:14:47	11.7522	6.2373
10:14:57	11.6088	6.3474
10:15:07	11.4546	6.442
10:15:17	11.3321	6.5265
10:15:27	11.2273	6.5777
10:15:37	11.8171	5.7821
10:15:47	11.9772	6.0981
10:15:57	11.6588	6.2498
10:16:07	11.5766	6.3421
10:16:17	11.4677	6.4123
10:16:27	11.4392	6.4176
10:16:37	11.4505	6.3932
10:16:47	11.4773	6.3712
10:16:57	11.479	6.3879
10:17:07	11.4356	6.4313
10:17:17	11.3951	6.442
10:17:27	11.382	6.4129
10:17:37	11.5326	6.2718

	O2 (%)	CO2 (%)
10:17:47	11.46	6.3736
10:17:57	11.4832	6.3659
10:18:07	11.4297	6.4646
10:18:17	11.4183	6.4551
10:18:27	11.4677	6.42
10:18:37	11.4963	6.4123
10:18:47	11.485	6.4319
10:18:57	11.4582	6.4533
10:19:07	11.4166	6.4795
10:19:17	11.3969	6.4968
10:19:27	11.3612	6.5158
10:19:37	11.338	6.5349
10:19:47	11.4011	6.4402
10:19:57	11.5439	6.2748
10:20:07	11.5975	6.2712
10:20:17	11.5671	6.3724
10:20:27	11.479	6.4682
10:20:37	11.3838	6.548
10:20:47	11.3422	6.5551
10:20:57	11.3779	6.5009
10:21:07	11.4981	6.3938
10:21:17	11.6588	6.2825
10:21:27	11.7956	6.1986
10:21:37	11.8569	6.1897
10:21:47	11.8456	6.2183
10:21:57	11.7463	6.2998
10:22:07	11.6373	6.3617
10:22:17	11.5844	6.348
10:22:27	11.651	6.2742
10:22:37	11.7558	6.1962
10:22:47	11.8206	6.1927
10:22:57	11.7671	6.2724
10:23:07	11.6528	6.3766
10:23:17	11.4677	6.4986
10:23:27	11.3112	6.5831
10:23:37	11.2428	6.5908
10:23:47	11.2523	6.5658
10:23:57	11.338	6.4754
10:24:07	11.441	6.4295
10:24:17	11.4564	6.4504
10:24:27	11.3856	6.523
10:24:37	11.2696	6.5795
10:24:47	11.1892	6.6134
10:24:57	11.2047	6.5575

	O2 (%)	CO2 (%)
10:25:07	11.2791	6.4855
10:25:17	11.3803	6.4075
10:25:27	11.4469	6.3932
10:25:37	11.4356	6.4295
10:25:47	11.3648	6.4992
10:25:57	11.2981	6.5289
10:26:07	11.2714	6.5212
10:26:17	11.338	6.448
10:26:27	11.4201	6.3903
10:26:37	11.485	6.3647
10:26:47	11.4505	6.4188
10:26:57	11.3457	6.5128
10:27:07	11.1607	6.6372
10:27:17	11.044	6.6741
10:27:27	11.0232	6.6515
10:27:37	11.0898	6.5849
10:27:47	11.1928	6.4962
10:27:57	11.313	6.4117
10:28:07	11.3874	6.3801
10:28:17	11.3779	6.3962
10:28:27	11.3094	6.4456
10:28:37	11.2315	6.5027
10:28:47	11.1702	6.5313
10:28:57	11.1071	6.5593
10:29:07	11.05	6.5985
10:29:17	11.0059	6.617
10:29:27	11.0024	6.617
10:29:37	11.0559	6.5634
10:29:47	11.1244	6.5158
10:29:57	11.1857	6.5051
10:30:07	11.1607	6.5581
10:30:17	11.0803	6.6325
10:30:27	11.0309	6.6467
10:30:37	11.0178	6.645
10:30:47	11.025	6.6485
10:30:57	10.9815	6.7021
10:31:07	10.8976	6.7592
10:31:17	10.7965	6.8562
10:31:27	10.6798	6.908
10:31:37	10.6001	6.9497
10:31:47	10.5465	6.9937
10:31:57	10.4947	7.005
10:32:07	10.4418	7.0568
10:32:17	10.3537	7.1139

	O2 (%)	CO2 (%)
10:32:27	10.243	7.1919
10:32:37	10.1918	7.0431
10:32:47	11.0803	6.5712
10:32:57	10.7756	6.8312
10:33:07	10.6572	6.8425
10:33:17	10.5257	7.0318
10:33:27	10.3959	7.1585
10:33:37	10.3216	7.1865
10:33:47	10.3216	7.1728
10:33:57	10.3614	7.1258
10:34:07	10.4489	7.0592
10:34:17	10.5043	7.0556
10:34:27	10.4686	7.1264
10:34:37	10.4834	6.9687
10:34:47	10.4686	7.0752
10:34:57	10.2983	7.1508
10:35:07	10.4322	7.0633
10:35:17	10.5882	6.9324
10:35:27	10.7715	6.8503
10:35:37	10.8232	6.8652
10:35:47	10.6649	6.9967
10:35:57	10.4971	7.0853
10:36:07	10.4263	7.0758
10:36:17	10.4513	7.0401
10:36:27	10.4989	7.0181
10:36:37	10.5233	7.0371
10:36:47	10.4703	7.1044
10:36:57	10.4203	7.0788
10:37:07	10.39	7.077
10:37:17	10.3805	7.0937
10:37:27	10.3995	7.0824
10:37:37	10.4531	7.0538
10:37:47	10.5025	7.0336
10:37:57	10.5275	7.0187
10:38:07	10.5578	6.9973
10:38:17	10.6019	6.9503
10:38:27	10.6554	6.9098
10:38:37	10.7792	6.7908
10:38:47	10.9452	6.6694
10:38:57	11.1113	6.5634
10:39:07	11.2178	6.5182
10:39:17	11.1928	6.5712
10:39:27	11.1071	6.6366
10:39:37	10.9851	6.7164

	O2 (%)	CO2 (%)
10:39:47	10.8994	6.7432
10:39:57	10.8952	6.7176
10:40:07	10.9643	6.6658
10:40:17	11.0291	6.6158
10:40:27	11.0708	6.6069
10:40:37	11.0214	6.6807
10:40:47	10.8994	6.7801
10:40:57	10.7637	6.8669
10:41:07	10.6667	6.9003
10:41:17	10.6703	6.8592
10:41:27	10.8113	6.7336
10:41:37	10.9774	6.6235
10:41:47	11.1131	6.5497
10:41:57	11.1642	6.5521
10:42:07	11.1261	6.6075
10:42:17	11.0101	6.7158
10:42:27	10.8459	6.811
10:42:37	10.7334	6.8538
10:42:47	10.7488	6.8045
10:42:57	10.8536	6.7128
10:43:07	10.9815	6.6456
10:43:17	11.0387	6.6426
10:43:27	10.9774	6.7217
10:43:37	10.8631	6.8021
10:43:47	10.703	6.9044
10:43:57	10.5786	6.9639
10:44:07	10.5179	6.9758
10:44:17	10.5465	6.9259
10:44:27	10.6435	6.8604
10:44:37	10.7393	6.8271
10:44:47	10.7566	6.8538
10:44:57	10.6649	6.9294
10:45:07	10.5959	6.9758
10:45:17	10.4912	7.0437
10:45:27	10.4489	7.0419
10:45:37	10.4739	6.9973
10:45:47	10.6001	6.8907
10:45:57	10.7637	6.7759
10:46:07	10.8822	6.7188
10:46:17	10.9054	6.7396
10:46:27	10.8209	6.8229
10:46:37	10.7334	6.8503
10:46:47	10.6364	6.9425
10:46:57	10.4971	7.0104

	O2 (%)	CO2 (%)
10:47:07	10.4358	7.0092
10:47:17	10.5275	6.9205
10:47:27	10.6572	6.8354
10:47:37	10.7637	6.7848
10:47:47	10.8042	6.8015
10:47:57	10.7352	6.8866
10:48:07	10.6435	6.9443
10:48:17	10.5197	7.0193
10:48:27	10.4281	7.0675
10:48:37	10.4227	7.027
10:48:47	10.5043	6.9616
10:48:57	10.6209	6.8652
10:49:07	10.7447	6.7931
10:49:17	10.8095	6.7937
10:49:27	10.7465	6.8533
10:49:37	10.659	6.9187
10:49:47	10.5656	6.9663
10:49:57	10.4947	6.9996
10:50:07	10.4894	6.9544
10:50:17	10.5751	6.8884
10:50:27	10.6721	6.8241
10:50:37	10.7429	6.8039
10:50:47	10.7334	6.8515
10:50:57	10.6417	6.908
10:51:07	10.5542	6.9556
10:51:17	10.4894	6.9949
10:51:27	10.4358	7.0121
10:51:37	10.3995	7.0193
10:51:47	10.3787	7.0425
10:51:57	10.3424	7.0615
10:52:07	10.3198	7.0651
10:52:17	10.3596	7.0193
10:52:27	10.434	6.9693
10:52:37	10.512	6.93
10:52:47	10.531	6.9485
10:52:57	10.493	6.9842
<b>End Run 2A</b>	<b>11.13754</b>	<b>6.587374</b>
10:53:07	10.4376	7.03
10:53:17	10.3727	7.0663
10:53:27	10.3061	7.1002
10:53:37	10.3001	7.0883
10:53:47	10.3787	7.0193
10:53:57	10.4281	6.9949

	O2 (%)	CO2 (%)
10:54:07	10.4358	7.0014
10:54:17	10.434	6.9895
10:54:27	8.7784	1.1515
10:54:37	0.7915	0.3237
10:54:47	0.1434	0.2445
10:54:57	0.0803	0.2124
10:55:07	0.0476	0.1749
10:55:17	0.0285	0.1666
10:55:27	0.0113	0.1481
10:55:37	-0.0078	0.1404
10:55:47	-0.0173	0.1344
<b>Zero Bias</b>	<b>-0.0046</b>	<b>0.140967</b>
10:55:57	-0.0227	0.1285
10:56:07	-0.0268	0.1285
10:56:17	5.7511	6.0338
10:56:27	6.1248	5.9517
10:56:37	9.3503	9.7752
10:56:47	9.8633	9.883
10:56:57	9.9282	9.9234
10:57:07	9.9574	9.955
10:57:17	9.974	9.9722
10:57:27	9.9817	9.9823
10:57:37	9.9913	9.996
<b>O2/CO2 Bias</b>	<b>9.982333</b>	<b>9.9835</b>
10:57:47	9.9972	10.005
10:57:57	10.005	10.0169
10:58:07	10.0067	10.0252
10:58:17	10.0103	10.0288
10:58:27	10.3347	7.2561
10:58:37	11.1857	6.2337
10:58:47	11.8819	5.5976
10:58:57	12.4901	5.1661
10:59:07	12.9573	4.8192
10:59:17	13.3888	4.5109
10:59:27	13.6804	4.327
10:59:37	13.8309	4.2324
10:59:47	13.894	4.1758
10:59:57	13.938	4.1241
11:00:07	13.9553	4.0925
11:00:17	13.9839	4.0485
11:00:27	14.0011	4.0193
11:00:37	14.0351	3.9807



	O2 (%)	CO2 (%)
11:00:47	14.1154	3.9188
11:00:57	14.1707	3.895
11:01:07	14.1838	3.8789
11:01:17	14.182	3.8831
11:01:27	14.157	3.8997
11:01:37	14.1249	3.8836
11:01:47	14.1612	3.8628
11:01:57	14.1898	3.8402
11:02:07	14.2148	3.8241
11:02:17	14.2433	3.8152
11:02:27	14.2719	3.792
11:02:37	14.3023	3.7718
11:02:47	14.3136	3.7718
11:02:57	14.3195	3.7682
11:03:07	14.329	3.7533
11:03:17	14.3403	3.7533
11:03:27	14.266	3.7509
11:03:37	14.3326	3.7527
11:03:47	14.3386	3.8319
11:03:57	6.2796	1.0271
11:04:07	0.6677	0.2689
11:04:17	0.2178	0.2082
11:04:27	0.1374	0.1815
11:04:37	0.0976	0.1588
11:04:47	0.0595	0.138
11:04:57	0.0345	0.1273
11:05:07	0.0154	0.1202
11:05:17	0.0059	0.1148
11:05:27	-0.0036	0.1106
11:05:37	-0.0149	0.1059
11:05:47	-0.0227	0.1041
11:05:57	-0.0304	0.0999
11:06:07	-0.034	0.0987
11:06:17	-0.0399	0.097
11:06:27	-0.0399	0.0946
11:06:37	-0.0459	0.094
11:06:47	-0.0477	0.0851
11:06:57	-0.0512	0.0815
11:07:07	-0.0512	0.0809
11:07:17	-0.0363	0.1291
11:07:27	10.8857	3.4236
11:07:37	11.0083	0.341
11:07:47	19.3072	0.122
11:07:57	20.2247	0.1017

	O2 (%)	CO2 (%)
11:08:07	20.3657	0.0916
11:08:17	20.4422	0.0839
11:08:27	20.4785	0.0809
11:08:37	20.5072	0.0785
11:08:47	20.5339	0.0761
11:08:57	20.549	0.0755
11:09:07	17.352	3.0993
11:09:17	7.7519	0.2094
11:09:27	0.8545	0.122
11:09:37	0.2939	0.11
11:09:47	0.1832	0.1041
11:09:57	0.1089	0.1005
11:10:07	0.0743	0.0993
11:10:17	0.044	0.0993
11:10:27	0.0232	0.097
11:10:37	0.0059	0.0964
11:10:47	-0.0078	0.0952
11:10:57	-0.0173	0.094
11:11:07	-0.0268	0.094
11:11:17	-0.0304	0.0886
11:11:27	-0.0381	0.0827
11:11:37	-0.0417	0.0827
11:11:47	-0.0459	0.0815
11:11:57	-0.0494	0.0851
11:12:07	9.4039	3.0065
11:12:17	15.5823	0.1749
11:12:27	19.8375	0.1095
11:12:37	20.2781	0.0987
11:12:47	20.3793	0.0934
11:12:57	20.4462	0.0892
11:13:07	20.482	0.088
11:13:17	20.5147	0.0868
11:13:27	20.5339	0.0749
11:13:37	20.553	0.0749
11:13:47	17.4039	3.1404
11:13:57	8.8052	0.2136
11:14:07	0.9539	0.1071
11:14:17	0.3035	0.0916
11:14:27	0.1797	0.0851
11:14:37	0.122	0.0827
11:14:47	0.0785	0.0809
11:14:57	0.0476	0.0779
11:15:07	0.0208	0.0761
11:15:17	0.0077	0.0761

	O2 (%)	CO2 (%)
11:15:27	-0.0096	0.0761
11:15:37	0.479	0.6439
11:15:47	10.3311	1.9019
11:15:57	17.5489	0.1374
11:16:07	20.051	0.097
11:16:17	20.3335	0.088
11:16:27	20.4175	0.0815
11:16:37	20.4689	0.0797
11:16:47	20.5052	0.0761
11:16:57	20.5318	0.0743
11:17:07	20.549	0.0726
11:17:17	20.5661	0.072
11:17:27	20.5797	0.0702
11:17:37	19.1738	2.3262
11:17:47	16.5952	1.1574
11:17:57	20.1582	0.1344
11:18:07	20.5167	0.1005
11:18:17	20.5565	0.0892
11:18:27	20.5701	0.0851
11:18:37	20.5777	0.0809
11:18:47	20.5852	0.0785
11:18:57	20.5908	0.0773
11:19:07	20.5968	0.0785
11:19:17	20.5968	0.0815
11:19:27	20.6023	0.0702
11:19:37	20.6023	0.0726
11:19:47	20.6064	0.072
11:19:57	20.6099	0.0726
11:20:07	20.6099	0.0726
11:20:17	20.6119	0.0803
11:20:27	20.4765	0.56
11:20:37	16.3893	1.9126
11:20:47	19.9825	0.1458
11:20:57	20.4191	0.1047
11:21:07	20.4613	0.0946
11:21:17	20.4689	0.0904
11:21:27	20.4729	0.088
11:21:37	16.7493	3.2748
11:21:47	17.4265	0.7302
11:21:57	20.3219	0.1404
11:22:07	20.5908	0.1106
11:22:17	20.6235	0.1029
11:22:27	20.6366	0.1017
11:22:37	20.6426	0.0964

	O2 (%)	CO2 (%)
11:22:47	20.6461	0.0934
11:22:57	20.6502	0.0892
11:23:07	17.4935	2.1453
11:23:17	4.868	0.1404
11:23:27	0.7022	0.1041
11:23:37	0.3356	0.0952
11:23:47	0.2231	0.0916
11:23:57	0.1624	0.0904
11:24:07	0.1184	0.0862
11:24:17	0.0839	0.0839
11:24:27	0.063	0.0833
11:24:37	0.0422	0.0827
11:24:47	0.0309	0.0827
11:24:57	0.0154	0.0827
11:25:07	0.0059	0.0833
11:25:17	-0.0018	0.0833
11:25:27	-0.0096	0.0815
11:25:37	-0.0149	0.0809
11:25:47	-0.0173	0.0809
11:25:57	-0.0244	0.0803
11:26:07	-0.0322	0.0803
11:26:17	-0.0381	0.0797
11:26:27	-0.0381	0.0803
11:26:37	-0.0363	0.0761
11:26:47	7.6031	5.0792
11:26:57	15.3306	0.2273
11:27:07	19.8183	0.1106
11:27:17	20.2801	0.0916
11:27:27	20.3944	0.0827
11:27:37	20.4518	0.0785
11:27:47	20.4936	0.0755
11:27:57	20.5263	0.0743
11:28:07	20.547	0.072
11:28:17	20.5681	0.072
11:28:27	20.5757	0.0702
11:28:37	17.064	5.0013
11:28:47	15.6698	1.2277
11:28:57	20.0741	0.1832
11:29:07	20.5052	0.1166
11:29:17	20.547	0.0999
11:29:27	20.5701	0.0892
11:29:37	20.5832	0.0839
11:29:47	20.5872	0.0815
11:29:57	20.5968	0.0773

	O2 (%)	CO2 (%)
11:30:07	20.5988	0.0761
11:30:17	20.6044	0.0749
11:30:27	20.6099	0.0732
11:30:37	20.6099	0.0726
11:30:47	20.6159	0.0708
11:30:57	20.6159	0.0708
11:31:07	20.6174	0.069
11:31:17	20.6174	0.0696
11:31:27	14.9491	5.7535
11:31:37	18.8913	0.3005
11:31:47	20.4729	0.1273
11:31:57	20.6044	0.1041
11:32:07	20.627	0.0922
11:32:17	20.6366	0.0851
11:32:27	20.6426	0.0809
11:32:37	20.6441	0.0809
11:32:47	20.6482	0.0785
11:32:57	20.6522	0.0755
11:33:07	20.6537	0.0702
11:33:17	20.6577	0.0672
11:33:27	20.6577	0.0666
11:33:37	20.6577	0.0672
11:33:47	20.6597	0.0648
11:33:57	20.6502	0.1327
11:34:07	15.4371	2.4774
11:34:17	20.0243	0.1481
11:34:27	20.5585	0.0964
11:34:37	20.6079	0.0839
11:34:47	20.6195	0.0761
11:34:57	20.6255	0.0708
11:35:07	20.629	0.069
11:35:17	20.631	0.0678
11:35:27	20.6351	0.0678
11:35:37	20.6351	0.0666
11:35:47	20.6366	0.0642
11:35:57	20.6351	0.0797
11:36:07	14.0333	5.9207
11:36:17	18.9391	0.2731
11:36:27	20.343	0.119
11:36:37	20.4593	0.0946
11:36:47	20.4785	0.0839
11:36:57	20.488	0.0773
11:37:07	20.4936	0.072
11:37:17	20.4976	0.0678

	O2 (%)	CO2 (%)
11:37:27	20.4996	0.0726
11:37:37	20.5011	0.0749
11:37:47	20.5011	0.0726
11:37:57	20.5031	0.0726
11:38:07	20.5031	0.072
11:38:17	20.5052	0.0696
11:38:27	15.0694	6.3034
11:38:37	12.677	1.1634
11:38:47	1.8787	0.1755
11:38:57	0.4386	0.1267
11:39:07	0.2594	0.1053
11:39:17	0.1815	0.094
11:39:27	0.1374	0.0868
11:39:37	0.1029	0.0827
11:39:47	0.0803	0.0827
11:39:57	0.0553	0.0815
11:40:07	0.044	0.0797
11:40:17	0.0309	0.0761
11:40:27	0.0232	0.0749
11:40:37	0.0113	0.0732
11:40:47	0.0077	0.0743
11:40:57	4.4829	5.7654
11:41:07	10.4281	0.6236
11:41:17	19.1909	0.1452
11:41:27	20.0988	0.1124
11:41:37	20.2287	0.0976
11:41:47	20.2917	0.0868
11:41:57	20.343	0.0839
11:42:07	20.3717	0.0803
11:42:17	20.3944	0.0785
11:42:27	16.2518	5.7398
11:42:37	18.1073	0.4326
11:42:47	20.341	0.1339
11:42:57	20.5359	0.1047
11:43:07	20.5661	0.094
11:43:17	20.5812	0.0868
11:43:27	20.5928	0.0827
11:43:37	20.5988	0.0809
11:43:47	20.6044	0.0779
11:43:57	20.6079	0.0761
11:44:07	20.6139	0.0815
11:44:17	20.6159	0.0827
11:44:27	20.0761	1.8573
11:44:37	16.5035	1.1057

	O2 (%)	CO2 (%)
11:44:47	20.2494	0.1541
11:44:57	20.5948	0.116
11:45:07	20.631	0.1029
11:45:17	20.6406	0.0976
11:45:27	20.6461	0.094
11:45:37	20.6522	0.091
11:45:47	20.6577	0.0892
11:45:57	20.6577	0.0868
11:46:07	20.2685	1.4229
11:46:17	15.1241	2.0775
11:46:27	19.9271	0.1624
11:46:37	20.4231	0.1095
11:46:47	20.4689	0.094
11:46:57	20.482	0.0851
11:47:07	20.488	0.0785
11:47:17	20.4901	0.0755
11:47:27	20.4956	0.0743
11:47:37	20.4976	0.072
11:47:47	20.1426	1.3699
11:47:57	13.9743	2.2745
11:48:07	2.7756	0.1666
11:48:17	0.532	0.1249
11:48:27	0.2844	0.0857
11:48:37	0.1963	0.0761
11:48:47	0.1529	0.0726
11:48:57	0.1106	0.0672
11:49:07	0.0839	0.0666
11:49:17	0.0613	0.0642
11:49:27	0.044	0.0624
11:49:37	0.0345	0.0618
11:49:47	3.895	5.4393
11:49:57	9.3259	7.2454
11:50:07	9.9687	7.2865
11:50:17	10.1305	7.2799
11:50:27	10.2257	7.2907
11:50:37	10.2412	7.352
11:50:47	10.1823	7.4323
11:50:57	10.0942	7.4948
11:51:07	10.0258	7.5537
11:51:17	9.98	7.5835
11:51:27	9.9609	7.5864
11:51:37	10.0621	7.4978
11:51:47	10.1764	7.4222
11:51:57	10.249	7.4085

	O2 (%)	CO2 (%)
11:52:07	10.2091	7.4728
11:52:17	10.0579	7.5811
11:52:27	9.8901	7.6894
11:52:37	9.7169	7.803
11:52:47	9.6021	7.853
11:52:57	9.6175	7.8078
11:53:07	9.736	7.7191
11:53:17	9.8925	7.6156
11:53:27	10.0121	7.5698
11:53:37	10.0526	7.5674
11:53:47	9.9669	7.6453
11:53:57	9.858	7.706
11:54:07	9.705	7.7977
11:54:17	9.6098	7.8352
11:54:27	9.6021	7.8025
11:54:37	9.6824	7.74
11:54:47	9.7836	7.6674
11:54:57	9.8633	7.6287
11:55:07	9.8847	7.6465
11:55:17	9.8252	7.6888
11:55:27	9.755	7.7584
11:55:37	9.6384	7.8167
11:55:47	9.5604	7.8566
11:55:57	9.5432	7.8358
11:56:07	9.6538	7.7352
11:56:17	9.8139	7.6453
11:56:27	9.9282	7.6096
11:56:37	9.9591	7.6323
11:56:47	9.9133	7.6834
11:56:57	9.8484	7.7179
11:57:07	9.7931	7.7429
11:57:17	9.7836	7.7334
11:57:27	9.8675	7.6477
11:57:37	10.0163	7.5448
11:57:47	10.1305	7.4995
11:57:57	10.165	7.5156
11:58:07	10.1133	7.5775
11:58:17	9.9913	7.6674
11:58:27	9.8502	7.7614
11:58:37	9.7741	7.784
11:58:47	9.7889	7.7602
11:58:57	9.8484	7.7138
11:59:07	9.9377	7.6489
11:59:17	10.0258	7.6079



	O2 (%)	CO2 (%)
11:59:27	10.0448	7.6394
11:59:37	9.9669	7.7358
11:59:47	9.8252	7.8429
11:59:57	9.6997	7.9369
12:00:07	9.6574	7.9548
12:00:17	9.6824	7.9566
12:00:27	9.7568	7.9161
12:00:37	9.8562	7.8679
12:00:47	9.8925	7.8733
12:00:57	9.8996	7.8709
12:01:07	9.8925	7.8816
12:01:17	9.8294	7.9001
12:01:27	9.8086	7.8983
12:01:37	9.8425	7.8578
12:01:47	9.8847	7.8298
12:01:57	9.921	7.8007
12:02:07	9.9532	7.7888
12:02:17	9.9187	7.8209
12:02:27	9.8806	7.828
12:02:37	9.8961	7.7941
12:02:47	9.9645	7.7316
12:02:57	10.0526	7.6691
12:03:07	10.1323	7.6358
12:03:17	10.1418	7.6638
12:03:27	10.0413	7.7412
12:03:37	9.9419	7.8167
12:03:47	9.8294	7.8721
12:03:57	9.7836	7.8792
12:04:07	9.8294	7.8274
12:04:17	9.9074	7.762
12:04:27	10.043	7.6602
12:04:37	10.1252	7.643
12:04:47	10.0889	7.6953
12:04:57	10.0085	7.7435
12:05:07	9.9341	7.809
12:05:17	9.8348	7.8495
12:05:27	9.8312	7.8405
12:05:37	9.883	7.7911
12:05:47	9.9472	7.7489
12:05:57	10.0276	7.6989
12:06:07	10.0603	7.7001
12:06:17	10.0163	7.7495
12:06:27	9.8943	7.8245
12:06:37	9.7913	7.8941

	O2 (%)	CO2 (%)
12:06:47	9.6955	7.9405
12:06:57	9.6669	7.9346
12:07:07	9.7318	7.8733
12:07:17	9.8348	7.7935
12:07:27	9.9341	7.7441
12:07:37	9.9817	7.7215
12:07:47	9.9704	7.7441
12:07:57	9.9282	7.7739
12:08:07	9.8847	7.7953
12:08:17	9.902	7.7513
12:08:27	10.005	7.6757
12:08:37	10.1496	7.5751
12:08:47	10.287	7.5061
12:08:57	10.3483	7.4948
12:09:07	10.3061	7.5614
12:09:17	10.1764	7.6757
12:09:27	9.9817	7.8167
12:09:37	9.7818	7.9358
12:09:47	9.6747	7.981
12:09:57	9.6711	7.9512
12:10:07	9.7913	7.8721
12:10:17	9.9359	7.7786
12:10:27	10.0657	7.7197
12:10:37	10.0847	7.7602
12:10:47	9.974	7.853
12:10:57	9.8484	7.9262
12:11:07	9.686	8.0304
12:11:17	9.589	8.0494
12:11:27	9.5432	8.0673
12:11:37	9.6479	7.9893
12:11:47	9.7913	7.8757
12:11:57	9.8925	7.8632
12:12:07	9.8312	7.9322
12:12:17	9.6747	8.0345
12:12:27	9.4783	8.1643
12:12:37	9.2343	8.3166
12:12:47	9.4533	7.6989
12:12:57	10.1591	7.7138
12:13:07	9.8806	7.8834
12:13:17	9.8538	7.881
12:13:27	9.7723	7.9762
12:13:37	9.7128	8.0101
12:13:47	9.6634	8.0328
12:13:57	9.5848	8.0839

	O2 (%)	CO2 (%)
12:14:07	9.5301	8.0869
12:14:17	9.5622	8.0429
12:14:27	9.7264	7.9125
12:14:37	9.9574	7.7632
12:14:47	10.2454	7.5329
12:14:57	10.3097	7.5543
12:15:07	10.3138	7.562
12:15:17	10.3388	7.6382
12:15:27	10.3269	7.6275
12:15:37	10.4394	7.5162
12:15:47	10.5656	7.4692
12:15:57	10.6495	7.3894
12:16:07	10.7792	7.2918
12:16:17	10.8708	7.2674
12:16:27	10.8137	7.3508
12:16:37	10.6816	7.4406
12:16:47	10.5542	7.5156
12:16:57	10.4626	7.5698
12:17:07	10.4531	7.4942
12:17:17	10.4626	7.4829
12:17:27	10.4073	7.5721
12:17:37	10.384	7.5829
12:17:47	10.4662	7.5007
12:17:57	10.6322	7.3799
12:18:07	10.8155	7.2532
12:18:17	10.947	7.1823
12:18:27	10.9893	7.18
12:18:37	10.9506	7.2294
12:18:47	10.8881	7.2734
12:18:57	10.8209	7.3162
12:19:07	10.7602	7.3436
12:19:17	10.7851	7.2972
12:19:27	10.9149	7.1895
12:19:37	11.0732	7.0842
12:19:47	11.1761	7.0377
12:19:57	11.1738	7.0693
12:20:07	11.0881	7.1514
12:20:17	10.9851	7.2103
12:20:27	10.8857	7.2835
12:20:37	10.7887	7.3478
12:20:47	10.7506	7.343
12:20:57	10.8	7.2895
12:21:07	10.8459	7.2698
12:21:17	10.8423	7.2948

	O2 (%)	CO2 (%)
12:21:27	10.7393	7.3996
12:21:37	10.531	7.5602
12:21:47	10.3216	7.6858
12:21:57	10.1496	7.7864
12:22:07	10.0371	7.8328
12:22:17	10.0734	7.7679
12:22:27	10.2013	7.6697
12:22:37	10.3537	7.5596
12:22:47	10.4626	7.5233
12:22:57	10.4358	7.5835
12:23:07	10.293	7.7049
12:23:17	10.1079	7.8382
12:23:27	9.9151	7.9304
12:23:37	9.8157	7.9542
12:23:47	9.8538	7.8786
12:23:57	9.9817	7.7828
12:24:07	10.1157	7.6971
12:24:17	10.2067	7.6572
12:24:27	10.2222	7.6882
12:24:37	10.121	7.7673
12:24:47	9.999	7.8614
12:24:57	9.8276	7.9625
12:25:07	9.7568	7.9994
12:25:17	9.7949	7.9102
12:25:27	9.9187	7.8072
12:25:37	10.0335	7.7459
12:25:47	10.0924	7.7346
12:25:57	10.0466	7.79
12:26:07	9.9687	7.8215
12:26:17	9.8925	7.8804
12:26:27	9.7836	7.9322
12:26:37	9.7282	7.9102
12:26:47	9.8026	7.8221
12:26:57	9.9264	7.7304
12:27:07	10.043	7.6638
12:27:17	10.0942	7.6697
12:27:27	10.0353	7.7299
12:27:37	9.9377	7.7995
12:27:47	9.8443	7.8614
12:27:57	9.7758	7.8876
12:28:07	9.7818	7.8643
12:28:17	9.877	7.7846
12:28:27	10.0145	7.6965
12:28:37	10.0984	7.6644

	O2 (%)	CO2 (%)
12:28:47	10.121	7.6805
12:28:57	10.0353	7.7816
12:29:07	9.9056	7.8899
12:29:17	9.755	7.9721
12:29:27	9.6842	8.0048
12:29:37	9.6901	7.9703
12:29:47	9.8044	7.8786
12:29:57	9.9246	7.7977
12:30:07	10.0181	7.759
12:30:17	10.0008	7.7983
12:30:27	9.8943	7.8923
12:30:37	9.7681	7.9667
12:30:47	9.6747	8.0024
12:30:57	9.6402	8.0119
12:31:07	9.7223	7.9274
12:31:17	9.8675	7.8304
12:31:27	10.0389	7.7275
12:31:37	10.1573	7.6888
12:31:47	10.1591	7.7239
12:31:57	10.0847	7.7757
12:32:07	9.9913	7.8376
12:32:17	9.8847	7.8757
12:32:27	9.8693	7.8477
12:32:37	9.9574	7.7566
12:32:47	10.0716	7.6816
12:32:57	10.1728	7.6084
12:33:07	10.224	7.5977
12:33:17	10.2067	7.6299
12:33:27	10.1537	7.6709
12:33:37	10.0508	7.7566
12:33:47	9.9574	7.8084
12:33:57	9.9341	7.8007
12:34:07	10.024	7.7233
12:34:17	10.1668	7.6233
12:34:27	10.3198	7.5317
12:34:37	10.4108	7.5055
12:34:47	10.3864	7.5638
12:34:57	10.2698	7.6459
12:35:07	10.1609	7.7084
12:35:17	10.0924	7.7358
12:35:27	10.0984	7.7078
12:35:37	10.2031	7.6144
12:35:47	10.3424	7.5299
12:35:57	10.4376	7.5055

	O2 (%)	CO2 (%)
12:36:07	10.4513	7.537
12:36:17	10.4073	7.6132
12:36:27	10.2888	7.7078
12:36:37	10.1936	7.7781
12:36:47	10.121	7.8048
12:36:57	10.14	7.7697
12:37:07	10.262	7.6703
12:37:17	10.4132	7.5519
12:37:27	10.5751	7.4615
12:37:37	10.634	7.4668
12:37:47	10.5864	7.5412
12:37:57	10.4358	7.6626
12:38:07	10.2775	7.7483
12:38:17	10.14	7.8304
12:38:27	10.0657	7.8423
12:38:37	10.1037	7.7667
12:38:47	10.2376	7.6644
12:38:57	10.3501	7.5995
12:39:07	10.4168	7.5656
12:39:17	10.4263	7.5936
12:39:27	10.346	7.6691
12:39:37	10.2109	7.7632
12:39:47	10.0561	7.8667
12:39:57	9.9627	7.8887
12:40:07	10.0145	7.8161
12:40:17	10.165	7.7049
12:40:27	10.3311	7.5781
12:40:37	10.4876	7.4972
12:40:47	10.5501	7.5055
12:40:57	10.5233	7.5596
12:41:07	10.4132	7.6543
12:41:17	10.2793	7.7507
12:41:27	10.1496	7.809
12:41:37	10.1418	7.7703
12:41:47	10.262	7.6572
12:41:57	10.3995	7.562
12:42:07	10.5388	7.4615
12:42:17	10.6019	7.4555
12:42:27	10.5638	7.4936
12:42:37	10.4608	7.5704
12:42:47	10.3537	7.6186
12:42:57	10.2585	7.6858
12:43:07	10.1954	7.7031
12:43:17	10.2317	7.6477

	O2 (%)	CO2 (%)
12:43:27	10.3406	7.5644
12:43:37	10.4608	7.4817
12:43:47	10.5388	7.4537
12:43:57	10.5293	7.5132
12:44:07	10.4073	7.6275
12:44:17	10.249	7.7358
12:44:27	10.1252	7.8019
12:44:37	10.0698	7.8126
12:44:47	10.0984	7.7846
12:44:57	10.2049	7.7007
12:45:07	10.3388	7.6019
12:45:17	10.4971	7.4995
12:45:27	10.5638	7.5025
12:45:37	10.5084	7.5775
12:45:47	10.3692	7.665
12:45:57	10.2966	7.6989
12:46:07	10.2299	7.7293
12:46:17	10.2109	7.7179
12:46:27	10.293	7.6263
12:46:37	10.4168	7.5382
12:46:47	10.5501	7.4406
12:46:57	10.6269	7.4234
12:47:07	10.5828	7.4888
12:47:17	10.4721	7.5674
12:47:27	10.3424	7.6674
12:47:37	10.1764	7.7721
12:47:47	10.0829	7.8007
12:47:57	10.1133	7.7382
12:48:07	10.2525	7.6358
12:48:17	10.371	7.5626
12:48:27	10.4816	7.5126
12:48:37	10.493	7.5477
12:48:47	10.3977	7.6382
12:48:57	10.293	7.7102
12:49:07	10.1996	7.7757
12:49:17	10.1174	7.8161
12:49:27	10.1061	7.7983
12:49:37	10.2186	7.6888
12:49:47	10.371	7.5751
12:49:57	10.5025	7.5019
12:50:07	10.5733	7.4864
12:50:17	10.5352	7.5477
12:50:27	10.4227	7.6269
12:50:37	10.3329	7.6709

	O2 (%)	CO2 (%)
12:50:47	10.2567	7.7179
12:50:57	10.2049	7.7382
12:51:07	10.249	7.6674
12:51:17	6.1992	0.9075
12:51:27	0.6141	0.3082
12:51:37	0.1106	0.2457
12:51:47	0.0535	0.2136
12:51:57	0.0309	0.191
12:52:07	0.0095	0.1755
12:52:17	-4.60E-05	0.1648
12:52:27	-0.0018	0.1624
12:52:37	-0.0191	0.1475
12:52:47	-0.0304	0.1374
12:52:57	-0.0381	0.1315
12:53:07	-0.0459	0.1267
12:53:17	-0.0477	0.1267
12:53:27	-0.0512	0.0987
12:53:37	-0.0536	0.113
12:53:47	-0.0572	0.1077
12:53:57	-0.059	0.1071
12:54:07	-0.059	0.1077
12:54:17	-0.0607	0.1053
12:54:27	-0.0631	0.1029
12:54:37	-0.0631	0.1023
12:54:47	2.9874	4.7841
12:54:57	11.2386	0.5617
12:55:07	19.3244	0.1642
12:55:17	20.1925	0.1321
12:55:27	20.347	0.1166
12:55:37	20.4135	0.1148
12:55:47	20.4573	0.1083
12:55:57	20.4901	0.1047
12:56:07	20.5127	0.1005
12:56:17	20.5339	0.0999
12:56:27	20.5449	0.0993
12:56:37	19.8108	2.5006
12:56:47	13.2912	3.5813
12:56:57	19.6753	0.2356
12:57:07	20.4402	0.1541
12:57:17	20.5147	0.1315
12:57:27	20.5374	0.1166
12:57:37	20.551	0.1095
12:57:47	20.5605	0.1029
12:57:57	20.5661	0.0904



	O2 (%)	CO2 (%)
12:58:07	20.5721	0.0892
12:58:17	20.5757	0.0862
12:58:27	20.5797	0.0851
12:58:37	20.5832	0.0839
12:58:47	20.5852	0.0839
12:58:57	20.5872	0.0809
12:59:07	19.0137	3.9467
12:59:17	16.6581	0.9384
12:59:27	20.0872	0.1666
12:59:37	20.3944	0.1237
12:59:47	20.4286	0.1083
12:59:57	20.4402	0.0922
13:00:07	20.4462	0.0857
13:00:17	20.4538	0.0827
13:00:27	20.4553	0.0803
13:00:37	20.4573	0.0785
13:00:47	20.4593	0.0761
13:00:57	20.4613	0.0761
13:01:07	20.4634	0.0755
13:01:17	16.3851	6.0147
13:01:27	11.2124	7.2776
13:01:37	10.6477	7.3883
13:01:47	10.5483	7.4156
13:01:57	10.5233	7.4501
13:02:07	10.5138	7.4722
13:02:17	10.5043	7.5126
13:02:27	10.4626	7.5543
13:02:37	10.3995	7.6144
13:02:47	10.3596	7.6507
13:02:57	10.3347	7.6763
13:03:07	10.3233	7.7102
13:03:17	10.2906	7.7412
13:03:27	10.287	7.756
13:03:37	10.2793	7.7834
13:03:47	10.2454	7.8114
13:03:57	10.2299	7.8114
13:04:07	10.2716	7.7453
13:04:17	10.3727	7.6626
13:04:27	10.5066	7.5513
13:04:37	10.6209	7.4763
13:04:47	10.6495	7.4948
13:04:57	10.5786	7.54
13:05:07	10.4721	7.6108
13:05:17	10.3293	7.6739

	O2 (%)	CO2 (%)
13:05:27	10.2739	7.6602
13:05:37	10.3079	7.6144
13:05:47	10.371	7.5513
13:05:57	10.4644	7.4817
13:06:07	10.5084	7.4775
13:06:17	10.4245	7.5704
13:06:27	10.2317	7.6918
13:06:37	10.0621	7.7983
13:06:47	9.8865	7.8899
13:06:57	9.8199	7.8971
13:07:07	9.8925	7.8126
13:07:17	10.0335	7.7179
13:07:27	10.1764	7.6287
13:07:37	10.249	7.6156
13:07:47	10.1972	7.6805
13:07:57	10.0942	7.7293
13:08:07	9.999	7.7858
13:08:17	9.9074	7.8292
13:08:27	9.921	7.781
13:08:37	10.0335	7.6864
13:08:47	10.1805	7.5817
13:08:57	10.3079	7.5073
13:09:07	10.3406	7.5239
13:09:17	10.2793	7.5805
13:09:27	10.1633	7.6483
13:09:37	10.0579	7.7102
13:09:47	9.955	7.7584
13:09:57	9.9419	7.737
13:10:07	10.0353	7.6644
13:10:17	10.1537	7.5811
13:10:27	10.2662	7.521
13:10:37	10.2906	7.5466
13:10:47	10.2204	7.6162
13:10:57	10.0924	7.6918
13:11:07	9.955	7.7489
13:11:17	9.8693	7.803
13:11:27	9.8943	7.7495
13:11:37	10.0181	7.6626
13:11:47	10.1728	7.5537
13:11:57	10.3001	7.4989
13:12:07	10.3501	7.4882
13:12:17	10.2835	7.571
13:12:27	11.6986	3.7997
13:12:37	19.2231	0.4981

	O2 (%)	CO2 (%)
13:12:47	20.5243	0.3285
13:12:57	20.7131	0.2541
13:13:07	20.772	0.2219
13:13:17	20.7972	0.2041
13:13:27	20.8179	0.1916
13:13:37	20.8274	0.1827
13:13:47	20.841	0.1773
13:13:57	18.4301	5.8725
13:14:07	11.5457	9.1813
13:14:17	10.7203	9.6455
13:14:27	10.2257	9.8627
13:14:37	10.1514	9.8984
13:14:47	10.1192	9.9294
13:14:57	10.096	9.9496
13:15:07	10.0793	9.9663
13:15:17	10.0716	9.977
13:15:27	10.0657	9.9853
13:15:37	10.0579	9.9937
13:15:47	10.0508	9.9942
13:15:57	12.9442	3.9182
13:16:07	19.7478	0.5617
13:16:17	20.5852	0.3963
13:16:27	20.7111	0.3207
13:16:37	20.7589	0.2761
13:16:47	20.7892	0.2463
13:16:57	20.8143	0.2213
13:17:07	20.8239	0.2053
13:17:17	20.837	0.2041
13:17:27	20.8445	0.2017
13:17:37	20.8521	0.1916
13:17:47	20.8617	0.1868
13:17:57	20.8677	0.1797
13:18:07	20.8692	0.1749
13:18:17	20.8712	0.1725
13:18:27	20.8753	0.1696
13:18:37	20.8773	0.1672
13:18:47	20.8788	0.1642
13:18:57	20.8788	0.1636
13:19:07	20.8828	0.1612
13:19:17	20.8828	0.1594
13:19:27	20.8868	0.1642
13:19:37	20.8848	0.1642
13:19:47	20.8884	0.1618
13:19:57	20.8904	0.1612

	O2 (%)	CO2 (%)
13:20:07	20.8884	0.1594
13:20:17	20.8884	0.1583
13:20:27	20.8924	0.1571
13:20:37	20.8924	0.1565
13:20:47	20.8924	0.1559
13:20:57	20.8924	0.1559
13:21:07	20.8959	0.1559
13:21:17	20.8959	0.1547
13:21:27	20.8959	0.1547
13:21:37	20.8959	0.1356
13:21:47	20.8979	0.1321
13:21:57	20.8959	0.1321
13:22:07	20.8979	0.1327
13:22:17	20.8979	0.1327
13:22:27	20.8979	0.1315
13:22:37	20.8999	0.1297
13:22:47	20.8979	0.1303
13:22:57	20.9019	0.1303
13:23:07	20.9019	0.1303
13:23:17	20.8999	0.1303
13:23:27	20.9019	0.1297
13:23:37	20.9019	0.1291
13:23:47	20.9055	0.1297
13:23:57	20.9019	0.1261
13:24:07	20.904	0.1261
13:24:17	20.9019	0.1237
13:24:27	20.904	0.1231
13:24:37	20.9095	0.1231
13:24:47	20.9055	0.1237
13:24:57	20.9055	0.1237
13:25:07	20.9075	0.1237
13:25:17	20.904	0.1243
13:25:27	20.9075	0.1243
13:25:37	20.9055	0.1243
13:25:47	20.9055	0.1231
13:25:57	20.9075	0.1344
13:26:07	20.9115	0.122
13:26:17	20.9055	0.1231
13:26:27	20.9075	0.122
13:26:37	20.9075	0.1214
13:26:47	20.9075	0.122
13:26:57	20.9075	0.1214
13:27:07	20.9095	0.1214
13:27:17	20.9095	0.1231

	O2 (%)	CO2 (%)
13:27:27	20.9095	0.1237
13:27:37	20.9075	0.1243
13:27:47	20.9115	0.1237
13:27:57	20.9095	0.1231
13:28:07	20.9075	0.122
13:28:17	20.9095	0.1202
13:28:27	20.9095	0.1202
13:28:37	20.9115	0.119
13:28:47	20.9135	0.1178
13:28:57	20.9115	0.1178
13:29:07	20.9115	0.119
13:29:17	20.9095	0.1184
13:29:27	20.9095	0.1166
13:29:37	20.9095	0.116
13:29:47	20.9115	0.1178
13:29:57	20.915	0.1178
13:30:07	20.915	0.1166
13:30:17	20.9135	0.1166
13:30:27	20.9095	0.1231
13:30:37	20.9095	0.1267
13:30:47	20.9135	0.1243
13:30:57	20.9115	0.1243
13:31:07	20.9115	0.1249
13:31:17	20.9095	0.1249
13:31:27	20.9135	0.1231
13:31:37	20.9115	0.1214
13:31:47	20.9115	0.122
13:31:57	20.9115	0.1231
13:32:07	20.8944	0.122
13:32:17	20.9095	0.119
13:32:27	20.9095	0.119
13:32:37	20.9115	0.119
13:32:47	20.9115	0.119
13:32:57	20.9095	0.1267
13:33:07	20.9075	0.1267
13:33:17	20.9095	0.1261
13:33:27	20.9075	0.1243
13:33:37	20.9095	0.1237
13:33:47	20.9095	0.1237
13:33:57	20.9075	0.122
13:34:07	20.9075	0.1231
13:34:17	20.9075	0.1214
13:34:27	20.9095	0.1231
13:34:37	20.9095	0.122

	O2 (%)	CO2 (%)
13:34:47	20.9095	0.122
13:34:57	20.9115	0.113
13:35:07	20.9095	0.1166
13:35:17	20.9095	0.116
13:35:27	20.9075	0.1166
13:35:37	20.9095	0.1154
13:35:47	20.9095	0.1178
13:35:57	20.9115	0.1166
13:36:07	20.9095	0.1166
13:36:17	20.9075	0.1166
13:36:27	20.9095	0.1166
13:36:37	20.8999	0.116
13:36:47	20.9115	0.116
13:36:57	20.9095	0.1154
13:37:07	20.9115	0.1208
13:37:17	20.915	0.1214
13:37:27	20.9135	0.1231
13:37:37	20.904	0.122
13:37:47	20.8999	0.122
13:37:57	20.9135	0.122
13:38:07	20.9095	0.1214
13:38:17	20.9115	0.122
13:38:27	20.9191	0.1231
13:38:37	20.9115	0.1231
13:38:47	20.9075	0.122
13:38:57	20.9095	0.1208
13:39:07	20.9095	0.1214
13:39:17	20.9095	0.1202
13:39:27	20.9095	0.122
13:39:37	20.9115	0.119
13:39:47	20.9115	0.1208
13:39:57	20.9095	0.1214
13:40:07	20.9095	0.1208
13:40:17	20.9095	0.1208

### Veolia Unit 2

Uncorrected Concentrations									
10-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 3A	915-1023	11.30	6.29				0.07	45.29	0.00
Run 3B	1230-1540	10.20	7.47				0.07	45.29	0.13

Corrected O <sub>2</sub> Conc.					
10-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	915-1023	11.30	0.04	1.02	11.48
Run 3B	1230-1540	10.20	-0.03	1.02	10.38

Corrected CO <sub>2</sub> Conc.					
10-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	915-1023	6.29	0.13	1.02	6.28
Run 3B	1230-1540	7.47	0.12	1.02	7.50

**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/10/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	-0.04	0.04	0.2%
span gas	CC189665	22.50	07:14	22.64	0.14	0.6%
mid-range	CC43355	10.10	07:16	10.14	0.04	0.2%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3A	0.00	-0.04	07:33	-0.01	0.1%	10:25	0.09	0.6%	0.4%	$C_0 = 0.041$
	10.10	10.14	07:35	9.94	-0.9%	10:27	9.95	-0.9%	0.0%	$C_{MA}/(C_M - C_0) = 1.020$
	0.00	-0.04	10:25	0.09	0.6%	11:32	-0.05	-0.1%	-0.6%	$C_0 = 0.019$
	10.10	10.14	10:27	9.95	-0.9%	11:34	9.94	-0.9%	0.0%	$C_{MA}/(C_M - C_0) = 1.018$
Run 3B	0.00	-0.04	11:32	-0.05	-0.1%	15:43	-0.01	0.1%	0.2%	$C_0 = -0.032$
	10.10	10.14	11:34	9.94	-0.9%	15:45	9.89	-1.1%	-0.2%	$C_{MA}/(C_M - C_0) = 1.015$



**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/10/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	0.04	0.04	0.2%
span gas	CC189665	19.20	07:14	19.29	0.09	0.5%
mid-range	CC43355	10.00	07:16	10.18	0.18	0.9%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3A	0.00	0.04	07:33	0.04	0.0%	10:25	0.22	0.9%	0.9%	$C_0 = 0.129$
	10.00	10.18	07:35	9.92	-1.3%	10:27	9.97	-1.1%	0.2%	$C_{MA}/(C_M - C_0) = 1.019$
	0.00	0.04	10:25	0.22	0.9%	11:32	0.09	0.3%	-0.7%	$C_0 = 0.155$
	10.00	10.18	10:27	9.97	-1.1%	11:34	9.95	-1.2%	-0.1%	$C_{MA}/(C_M - C_0) = 1.020$
Run 3B	0.00	0.04	11:32	0.09	0.3%	15:43	0.14	0.5%	0.3%	$C_0 = 0.118$
	10.00	10.18	11:34	9.95	-1.2%	15:45	9.90	-1.5%	-0.3%	$C_{MA}/(C_M - C_0) = 1.020$

**Veolia Unit 2  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/10/2013  
**Instrument Make/Model:** TECO 51i  
**ID Number:** 907634808  
**Span Value:** 25.00  
**Analyzer Range:** 25  
**Units:** ppm  
**Technician(s):** kmm

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	EEP443	0.00	11:43	0.24	0.24	n/a
<b>Span</b>	AAL4460	21.10	11:37	21.37	0.27	1.3%
<b>Mid</b>	AL899	12.90	11:39	12.69	0.21	1.6%
<b>Low</b>	CC250309	7.58	11:41	7.73	0.15	2.0%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 3B	0.24	11:34	0.02	-0.9
	12.69	11:36	12.56	-0.5
	0.24	13:34	0.02	-0.9
	12.69	13:36	12.56	-0.5
	0.24	14:44	0.01	-0.9
	12.69	14:47	12.55	-0.6
	0.24	15:43	-0.02	-1.0
	12.69	15:47	12.50	-0.7

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
7:10:36	21.0067	0.1166	1.5032
7:10:46	21.0087	0.1154	1.2402
7:10:56	21.0525	0.1154	1.2056
7:11:06	19.5097	0.0815	1.1824
7:11:16	2.619	0.0505	1.1807
7:11:26	0.2386	0.0499	1.1729
7:11:36	0.0363	0.0482	1.1676
7:11:46	0.0017	0.0464	1.1598
7:11:56	-0.0149	0.0452	1.1729
7:12:06	-0.0286	0.0446	1.1771
7:12:16	-0.034	0.0428	1.1824
7:12:26	-0.0399	0.041	1.1824
7:12:36	-0.0459	0.0398	1.2116
<b>N2 Zero</b>	<b>-0.03993</b>	<b>0.0412</b>	<b>1.192133</b>
7:12:46	-0.0417	0.0392	1.236
7:12:56	4.8376	10.5447	1.236
7:13:06	20.5263	19.0247	1.2306
7:13:16	22.401	19.2257	1.2134
7:13:26	22.5938	19.2775	1.574
7:13:36	22.6301	19.3052	2.8154
7:13:46	22.6432	19.3254	2.894
7:13:56	22.6528	19.3425	3.4909
7:14:06	22.6588	19.3505	3.1892
7:14:16	22.6643	19.3571	2.7851
7:14:26	22.6412	19.3002	1.6502
7:14:36	22.6089	19.2166	1.3104
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.63813</b>	<b>19.2913</b>	<b>1.915233</b>
7:14:46	22.6301	19.3339	1.2533
7:14:56	16.6042	10.2043	1.2473
7:15:06	10.7637	10.2174	1.2187
7:15:16	10.224	10.2109	1.2306
7:15:26	10.1668	10.2043	1.2021
7:15:36	10.1537	10.1996	1.1616
7:15:46	10.1478	10.1847	1.139
7:15:56	10.1418	10.1829	1.1521
7:16:06	10.14	10.1805	1.1771
7:16:16	10.1365	10.1793	1.1676
<b>O2/CO2 Mid</b>	<b>10.13943</b>	<b>10.1809</b>	<b>1.1656</b>
7:16:26	10.1157	10.1377	1.1676
7:16:36	10.1704	10.1698	1.1693
7:16:46	9.9359	7.3752	1.1467

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:16:56	6.8116	0.354	1.3943
7:17:06	18.2161	0.2082	1.1444
7:17:16	15.8549	0.1702	1.1902
7:17:26	20.0434	0.1666	1.1884
7:17:36	20.6557	0.1594	1.1884
7:17:46	20.7358	0.1565	1.1884
7:17:56	20.7549	0.1529	1.1753
7:18:06	20.7645	0.1517	1.1711
7:18:16	20.77	0.1505	0.9384
7:18:26	10.2525	0.1017	2.068
7:18:36	1.3104	0.0761	2.2185
7:18:46	0.3624	0.0702	2.2852
7:18:56	0.2005	0.0678	2.1019
7:19:06	0.1339	0.0672	2.1174
7:19:16	0.0898	0.0666	2.0085
7:19:26	0.0595	0.0648	1.696
7:19:36	0.0363	0.0648	1.7204
7:19:46	0.019	0.0648	2.1001
7:19:56	0.0059	0.0648	2.3655
7:20:06	-0.0054	0.0648	2.9511
7:20:16	-0.0131	0.0642	2.8845
7:20:26	-0.0227	0.0648	3.2713
7:20:36	-0.0304	0.0666	3.3594
7:20:46	-0.034	0.0666	3.138
7:20:56	-0.0399	0.0672	3.1529
7:21:06	-0.0417	0.0696	3.0136
7:21:16	-0.0435	0.0702	2.7357
7:21:26	13.2894	0.1047	3.3189
7:21:36	19.494	0.1148	3.4962
7:21:46	20.339	0.1148	3.5022
7:21:56	20.4901	0.113	3.5462
7:22:06	20.5626	0.113	3.4105
7:22:16	20.6099	0.113	3.6379
7:22:26	20.6386	0.1136	3.4754
7:22:36	20.6557	0.1154	3.5801
7:22:46	20.6502	0.1214	3.6337
7:22:56	20.6079	0.1267	3.7902
7:23:06	20.5661	0.1285	3.7367
7:23:16	20.3622	0.1184	3.7271
7:23:26	19.7629	0.1202	3.7997
7:23:36	20.0761	0.1285	3.8206
7:23:46	20.0988	0.1303	3.9259
7:23:56	20.1084	0.1344	4.061
7:24:06	20.1159	0.1392	4.0229

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:24:16	20.1235	0.1392	4.0247
7:24:26	20.131	0.1464	4.0437
7:24:36	20.1406	0.16	4.0056
7:24:46	20.1562	0.1636	4.0652
7:24:56	19.9598	0.135	4.0306
7:25:06	19.9785	0.1481	4.0896
7:25:16	19.9331	0.1321	4.0437
7:25:26	19.9311	0.1321	4.0669
7:25:36	19.9311	0.1327	4.0765
7:25:46	19.9291	0.1344	4.0765
7:25:56	19.9291	0.135	4.1163
7:26:06	19.9407	0.1368	4.1491
7:26:16	19.9331	0.1392	4.1372
7:26:26	19.9291	0.1398	4.1604
7:26:36	19.9291	0.1404	4.1949
7:26:46	19.9291	0.141	4.2615
7:26:56	19.9291	0.1452	4.3109
7:27:06	19.9271	0.1588	4.3205
7:27:16	19.9251	0.1464	4.3437
7:27:26	19.9251	0.1475	4.3645
7:27:36	19.9291	0.1487	4.4924
7:27:46	19.9251	0.1517	4.5377
7:27:56	19.9291	0.1541	4.5038
7:28:06	19.9271	0.1565	4.5549
7:28:16	19.9271	0.1588	4.5531
7:28:26	19.9291	0.1594	4.4924
7:28:36	19.9271	0.1612	4.4657
7:28:46	19.9251	0.1624	4.4294
7:28:56	19.9291	0.1642	3.3802
7:29:06	19.9311	0.1654	3.3457
7:29:16	19.9346	0.1678	3.3516
7:29:26	19.9331	0.1696	3.2731
7:29:36	19.9346	0.1702	3.3957
7:29:46	19.9251	0.169	3.4605
7:29:56	19.9311	0.1666	3.47
7:30:06	19.9367	0.1696	3.3784
7:30:16	19.9291	0.1708	3.5956
7:30:26	19.9271	0.1779	4.1639
7:30:36	19.6068	0.1481	1.5907
7:30:46	20.1753	0.1374	1.3413
7:30:56	20.4649	0.1148	1.4461
7:31:06	20.6351	0.11	1.402
7:31:16	20.69	0.1095	1.4669
7:31:26	20.7071	0.1083	1.4383

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:31:36	20.7166	0.1095	-0.059
7:31:46	20.0323	0.097	-0.3107
7:31:56	6.8592	0.0607	-0.3529
7:32:06	3.0939	0.0553	-0.0494
7:32:16	1.2723	0.0499	-0.0435
7:32:26	0.3933	0.0476	-0.0494
7:32:36	0.1583	0.0482	0.0708
7:32:46	0.0821	0.0464	0.0613
7:32:56	0.0458	0.0446	0.063
7:33:06	0.019	0.0428	0.063
7:33:16	0.0041	0.041	0.0708
7:33:26	-0.0096	0.0398	0.0648
7:33:36	-0.0191	0.038	0.967
<b>N2 Zero</b>	<b>-0.0082</b>	<b>0.0396</b>	<b>0.367533</b>
7:33:46	-0.0268	0.0374	0.1868
7:33:56	9.9496	0.0999	-0.0096
7:34:06	8.2196	7.6549	0.0041
7:34:16	9.4765	8.7457	0.0095
7:34:26	9.8217	9.4503	0.0095
7:34:36	9.8788	9.7711	-0.0078
7:34:46	9.902	9.8473	-0.0036
7:34:56	9.9187	9.8794	0.0095
7:35:06	9.9264	9.8978	0.0059
7:35:16	9.9341	9.9133	0.0041
7:35:26	9.9377	9.9252	0.0041
7:35:36	9.9419	9.9359	0.0232
<b>O2/CO2 Bias</b>	<b>9.9379</b>	<b>9.9248</b>	<b>0.010467</b>
7:35:46	9.9419	9.9413	1.94
7:35:56	10.6667	6.9318	2.2185
7:36:06	17.5141	1.7115	2.5024
7:36:16	19.1547	1.2783	2.3346
7:36:26	19.9694	0.6397	1.9019
7:36:36	20.4135	0.332	1.7359
7:36:46	20.5777	0.2457	1.6633
7:36:56	20.6386	0.1993	1.5853
7:37:06	20.6673	0.1773	1.5585
7:37:16	20.6824	0.1648	1.5585
7:37:26	20.694	0.1541	1.5585
7:37:36	20.7036	0.1481	1.5871
7:37:46	20.7111	0.1446	1.574
7:37:56	20.7151	0.141	1.5663
7:38:06	20.7187	0.1392	1.5431

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:38:16	20.7207	0.138	1.5472
7:38:26	20.7282	0.1368	1.5395
7:38:36	20.7302	0.138	1.5336
7:38:46	20.7343	0.1344	1.5258
7:38:56	20.7358	0.1303	1.5068
7:39:06	20.7378	0.1297	1.5109
7:39:16	20.7378	0.1339	1.5032
7:39:26	20.7378	0.1261	1.4824
7:39:36	20.7418	0.1214	1.4996
7:39:46	20.7433	0.119	1.5068
7:39:56	20.7474	0.116	1.5163
7:40:06	20.7474	0.1166	1.5145
7:40:16	20.7494	0.1136	1.524
7:40:26	20.7494	0.1124	1.4955
7:40:36	20.7514	0.113	0.2654
7:40:46	20.0414	2.8833	0.1279
7:40:56	7.365	0.4183	0.1053
7:41:06	2.594	0.2041	0.0785
7:41:16	1.6216	0.2612	0.0785
7:41:26	0.5897	0.1344	0.0708
7:41:36	0.2118	0.0809	0.0648
7:41:46	0.088	0.0702	0.3814
7:41:56	0.0404	0.0648	10.5715
7:42:06	7.9846	0.0993	20.8199
7:42:16	13.3025	0.0648	21.0203
7:42:26	17.8445	0.0624	21.0505
7:42:36	19.2025	0.0613	21.045
7:42:46	19.914	0.0607	21.058
7:42:56	20.2609	0.0589	21.0696
7:43:06	20.3833	0.0571	21.0772
7:43:16	20.4306	0.0583	13.4762
7:43:26	20.4538	0.0589	8.0322
7:43:36	20.5565	0.0976	0.2309
7:43:46	11.7826	0.0642	0.1148
7:43:56	3.3498	0.0618	0.1011
7:44:06	2.0811	0.0666	0.0857
7:44:16	0.9384	0.0648	0.0785
7:44:26	0.3529	0.0654	0.0726
7:44:36	0.1279	0.0648	0.0708
7:44:46	0.0476	0.0642	0.3588
7:44:56	0.0113	0.0642	17.497
7:45:06	5.7321	0.0833	20.9669
7:45:16	14.6171	0.0642	21.0641
7:45:26	17.8822	0.0642	21.0832

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:45:36	19.1622	0.0636	21.0867
7:45:46	19.91	0.0624	21.0983
7:45:56	20.263	0.0624	21.0888
7:46:06	20.3793	0.0618	21.1024
7:46:16	20.4271	0.0618	17.6994
7:46:26	20.4538	0.0613	10.556
7:46:36	20.5243	0.0952	0.3415
7:46:46	14.6778	0.0678	0.1166
7:46:56	3.8128	0.0624	0.1089
7:47:06	2.1114	0.0595	0.1089
7:47:16	1.2324	0.0595	0.0993
7:47:26	0.5207	0.0589	0.0934
7:47:36	0.1737	0.0583	0.0898
7:47:46	0.063	0.0583	0.0916
7:47:56	0.0172	0.0595	2.6934
7:48:06	2.3346	0.0803	20.4613
7:48:16	10.7221	0.0678	21.047
7:48:26	16.9708	0.0607	21.0772
7:48:36	18.7559	0.0595	21.0847
7:48:46	19.6814	0.0589	21.1024
7:48:56	20.2096	0.0589	21.1059
7:49:06	20.3677	0.0589	8.0589
7:49:16	20.4251	0.0654	1.0682
7:49:26	19.2408	0.0708	0.1434
7:49:36	5.6083	0.0613	0.1089
7:49:46	2.6077	0.0696	0.1011
7:49:56	1.2378	0.0571	0.0934
7:50:06	0.435	0.0559	0.0785
7:50:16	0.1505	0.0559	0.0857
7:50:26	0.0553	0.0559	1.2324
7:50:36	8.8011	0.0987	1.4479
7:50:46	17.0317	0.1083	1.4919
7:50:56	19.8777	0.113	1.4919
7:51:06	20.5052	0.1136	1.4782
7:51:16	20.631	0.1136	1.4764
7:51:26	20.6804	0.1136	1.4901
7:51:36	20.7091	0.1136	1.4687
7:51:46	20.7262	0.113	1.461
7:51:56	20.7398	0.113	1.461
7:52:06	20.7474	0.113	1.461
7:52:16	20.7529	0.1136	1.461
7:52:26	20.7589	0.1112	1.4687
7:52:36	20.761	0.1214	1.4764
7:52:46	20.7645	0.1214	1.4877



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:52:56	20.7665	0.1214	1.5205
7:53:06	20.77	0.1208	1.5109
7:53:16	20.774	0.1208	1.5068
7:53:26	20.774	0.1208	1.48
7:53:36	20.7761	0.1202	1.4842
7:53:46	20.7781	0.119	1.4687
7:53:56	20.7796	0.119	1.4764
7:54:06	20.7796	0.119	1.4842
7:54:16	20.7816	0.1202	1.4859
7:54:26	20.7836	0.1202	1.4919
7:54:36	20.7856	0.1184	1.48
7:54:46	20.7856	0.1178	1.4842
7:54:56	20.7876	0.1267	1.4764
7:55:06	20.7892	0.1344	1.4842
7:55:16	20.7892	0.1356	1.4901
7:55:26	20.7892	0.135	1.4919
7:55:36	20.7912	0.1339	1.4919
7:55:46	20.7932	0.1327	1.5222
7:55:56	20.7932	0.1321	1.5282
7:56:06	20.7952	0.1315	1.5222
7:56:16	20.7952	0.1297	1.5145
7:56:26	20.7952	0.1291	1.5014
7:56:36	20.7972	0.1291	1.4919
7:56:46	20.7987	0.1285	1.4919
7:56:56	20.7987	0.1297	1.4842
7:57:06	20.8007	0.1291	1.4842
7:57:16	20.8027	0.1297	1.4877
7:57:26	20.8027	0.1303	1.5068
7:57:36	20.8007	0.138	1.5145
7:57:46	20.8048	0.1249	1.5205
7:57:56	20.8048	0.1267	1.4937
7:58:06	20.8063	0.1261	1.4919
7:58:16	20.8063	0.1249	1.5032
7:58:26	20.8048	0.1303	1.4919
7:58:36	20.8083	0.1291	1.4996
7:58:46	20.8083	0.1267	1.4919
7:58:56	20.8103	0.1267	1.4919
7:59:06	20.8123	0.1267	1.4919
7:59:16	20.8123	0.1267	1.4782
7:59:26	20.8123	0.1267	1.4842
7:59:36	20.8123	0.1273	1.4919
7:59:46	20.8158	0.1291	1.4919
7:59:56	20.8158	0.1297	1.4996
8:00:06	20.8143	0.1178	1.4996

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:00:16	20.8158	0.113	1.4996
8:00:26	20.8158	0.113	1.4937
8:00:36	20.8158	0.1136	1.5092
8:00:46	20.8179	0.1124	1.5092
8:00:56	20.8123	0.122	1.549
8:01:06	20.8143	0.1148	1.5353
8:01:16	20.8143	0.119	1.5145
8:01:26	20.8123	0.122	1.5109
8:01:36	20.8179	0.113	1.4973
8:01:46	20.8199	0.1136	1.4996
8:01:56	20.8219	0.1148	1.4996
8:02:06	20.8199	0.1124	1.4919
8:02:16	20.8199	0.1148	1.4764
8:02:26	20.8199	0.1136	1.4937
8:02:36	20.8219	0.1267	1.5068
8:02:46	20.8219	0.1148	1.505
8:02:56	20.8239	0.1148	1.4996
8:03:06	20.8219	0.1154	1.5032
8:03:16	20.8219	0.116	1.505
8:03:26	20.8239	0.1166	1.5068
8:03:36	20.8239	0.1178	1.4996
8:03:46	20.8254	0.116	1.4996
8:03:56	20.8274	0.1154	1.4955
8:04:06	20.8294	0.1154	1.4996
8:04:16	20.8294	0.116	1.505
8:04:26	20.8294	0.1166	1.5092
8:04:36	20.8294	0.1166	1.5222
8:04:46	20.8315	0.1154	1.5222
8:04:56	20.8294	0.1178	1.5353
8:05:06	20.8315	0.1154	1.5353
8:05:16	20.8315	0.1231	1.53
8:05:26	20.8315	0.113	1.5353
8:05:36	20.8315	0.1112	1.5353
8:05:46	20.833	0.113	1.5318
8:05:56	20.833	0.1112	1.5318
8:06:06	20.833	0.1106	1.53
8:06:16	20.833	0.11	1.53
8:06:26	20.835	0.113	1.5205
8:06:36	20.835	0.1124	1.5205
8:06:46	20.835	0.11	1.5205
8:06:56	20.835	0.1112	1.5163
8:07:06	20.835	0.113	1.5145
8:07:16	20.835	0.1124	1.5092
8:07:26	20.837	0.1124	1.524

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:07:36	20.837	0.1136	1.5145
8:07:46	20.837	0.1148	1.5068
8:07:56	20.837	0.1178	1.4859
8:08:06	20.835	0.1178	1.4919
8:08:16	20.835	0.1184	1.4996
8:08:26	20.837	0.122	1.4996
8:08:36	20.839	0.119	1.5109
8:08:46	20.837	0.1166	1.5109
8:08:56	20.837	0.1154	1.5282
8:09:06	20.837	0.1178	1.5353
8:09:16	20.833	0.1184	1.5353
8:09:26	20.835	0.116	1.5716
8:09:36	20.837	0.1148	1.6252
8:09:46	20.839	0.1136	1.5984
8:09:56	20.839	0.1136	1.5949
8:10:06	20.839	0.1184	1.6216
8:10:16	20.839	0.1208	1.6234
8:10:26	20.839	0.1208	1.6347
8:10:36	20.839	0.1202	1.6193
8:10:46	20.839	0.119	1.5812
8:10:56	20.841	0.1184	1.6502
8:11:06	20.8425	0.119	1.6002
8:11:16	20.8425	0.1184	1.5835
8:11:26	20.841	0.119	1.6026
8:11:36	20.837	0.1202	1.6823
8:11:46	20.839	0.119	1.6556
8:11:56	20.841	0.1184	1.627
8:12:06	20.839	0.1184	1.5794
8:12:16	20.841	0.1178	1.5871
8:12:26	20.8425	0.1166	1.6079
8:12:36	20.839	0.11	1.6633
8:12:46	20.841	0.1148	1.646
8:12:56	20.841	0.116	1.5949
8:13:06	20.841	0.1148	1.6121
8:13:16	20.839	0.116	1.5621
8:13:26	20.841	0.1154	1.5431
8:13:36	20.8425	0.1148	1.5449
8:13:46	20.8425	0.1166	1.5353
8:13:56	20.839	0.1154	1.5318
8:14:06	20.8425	0.1136	1.5282
8:14:16	20.8425	0.113	1.5431
8:14:26	20.8445	0.1136	1.5318
8:14:36	20.8445	0.1136	1.5353
8:14:46	20.8445	0.1136	1.5282

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:14:56	20.8445	0.113	1.5145
8:15:06	20.8466	0.1237	1.524
8:15:16	20.8445	0.1214	1.5145
8:15:26	20.8445	0.1231	1.4919
8:15:36	20.8466	0.1208	1.48
8:15:46	20.8445	0.1202	1.4729
8:15:56	20.8445	0.1202	1.4687
8:16:06	20.8466	0.119	1.461
8:16:16	20.8445	0.122	1.461
8:16:26	20.8425	0.1202	1.4479
8:16:36	20.8466	0.1202	1.4514
8:16:46	20.8466	0.119	1.4556
8:16:56	20.8486	0.119	1.4651
8:17:06	20.8466	0.1184	1.461
8:17:16	20.8486	0.119	1.4556
8:17:26	20.8466	0.119	1.4556
8:17:36	20.8486	0.1208	1.4729
8:17:46	20.8466	0.1184	1.461
8:17:56	20.8486	0.1166	1.4538
8:18:06	20.8486	0.1166	1.4556
8:18:16	20.8486	0.1178	1.4592
8:18:26	20.8486	0.116	1.4479
8:18:36	20.8486	0.1166	1.4461
8:18:46	20.8486	0.1184	1.4479
8:18:56	20.8486	0.1178	1.4383
8:19:06	20.8486	0.1178	1.4496
8:19:16	20.8486	0.1178	1.4556
8:19:26	20.8506	0.1184	1.4496
8:19:36	20.8506	0.1184	1.4592
8:19:46	20.8486	0.1178	1.4574
8:19:56	20.8506	0.1106	1.4538
8:20:06	20.8466	0.1071	1.4479
8:20:16	20.8486	0.1041	1.4157
8:20:26	20.8506	0.1047	1.6097
8:20:36	20.8486	0.1112	1.6883
8:20:46	20.8466	0.11	1.6651
8:20:56	20.8486	0.1077	1.4973
8:21:06	20.8506	0.1047	1.4574
8:21:16	20.8486	0.1047	1.4496
8:21:26	20.8506	0.1059	1.4687
8:21:36	20.8506	0.1053	1.4383
8:21:46	20.8521	0.1041	1.4306
8:21:56	20.8506	0.1059	1.4288
8:22:06	20.8506	0.1083	1.4098

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24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:22:16	20.8486	0.113	1.402
8:22:26	20.8506	0.1243	1.402
8:22:36	20.8521	0.1249	1.3943
8:22:46	20.8521	0.1249	1.3925
8:22:56	20.8486	0.1291	1.3735
8:23:06	20.8506	0.1249	1.3866
8:23:16	20.8486	0.1267	1.3735
8:23:26	20.8521	0.1249	1.3622
8:23:36	20.8521	0.1237	1.3735
8:23:46	20.8521	0.1249	1.3735
8:23:56	20.8541	0.1231	1.3794
8:24:06	20.8541	0.1243	1.3943
8:24:16	20.8541	0.1243	1.3848
8:24:26	20.8521	0.1261	1.3889
8:24:36	20.8506	0.1291	1.3735
8:24:46	20.8506	0.1261	1.3717
8:24:56	20.8486	0.1249	1.3735
8:25:06	20.8506	0.1202	1.3848
8:25:16	20.8445	0.1285	1.383
8:25:26	20.8486	0.122	1.3812
8:25:36	20.8506	0.1208	1.3794
8:25:46	20.8521	0.1214	1.3794
8:25:56	20.8521	0.1208	1.3794
8:26:06	20.8541	0.1208	1.3657
8:26:16	20.8541	0.122	1.3544
8:26:26	20.8541	0.1208	1.3467
8:26:36	20.8521	0.1237	1.3413
8:26:46	20.8521	0.122	1.3336
8:26:56	20.8541	0.122	1.3413
8:27:06	20.8521	0.1208	1.3276
8:27:16	20.8541	0.119	1.4003
8:27:26	20.8506	0.1214	1.3943
8:27:36	20.8486	0.1214	1.4324
8:27:46	20.8506	0.1184	1.4229
8:27:56	20.8521	0.119	1.383
8:28:06	20.8521	0.116	1.3735
8:28:16	20.8541	0.1148	1.3717
8:28:26	20.8561	0.1148	1.3657
8:28:36	20.8541	0.1166	1.3943
8:28:46	20.8561	0.1166	1.4419
8:28:56	20.8541	0.1154	1.3961
8:29:06	20.8561	0.1154	1.402
8:29:16	20.8541	0.1166	1.4175
8:29:26	20.8561	0.1148	1.4003

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:29:36	20.8561	0.1124	1.3735
8:29:46	20.8561	0.1124	1.3657
8:29:56	20.8561	0.1124	1.358
8:30:06	20.8561	0.1112	1.3675
8:30:16	20.8581	0.1112	1.3812
8:30:26	20.8561	0.1112	1.3699
8:30:36	20.8581	0.1112	1.3699
8:30:46	20.8581	0.1112	1.383
8:30:56	20.8581	0.1124	1.3657
8:31:06	20.8602	0.1112	1.339
8:31:16	20.8561	0.113	1.3199
8:31:26	20.8561	0.1124	1.3241
8:31:36	20.8581	0.1112	1.3622
8:31:46	20.8602	0.11	1.3431
8:31:56	20.8581	0.1095	1.3181
8:32:06	20.8602	0.1112	1.3122
8:32:16	20.8617	0.1106	1.3146
8:32:26	20.8581	0.113	1.3259
8:32:36	20.8602	0.1106	1.3146
8:32:46	20.8617	0.1095	1.3181
8:32:56	20.8602	0.1083	1.3259
8:33:06	20.8617	0.1083	1.3086
8:33:16	20.8602	0.1124	1.3259
8:33:26	20.8581	0.1112	1.3086
8:33:36	20.8602	0.1083	1.28
8:33:46	20.8602	0.1071	1.2973
8:33:56	20.8602	0.1095	1.2913
8:34:06	20.841	0.1297	1.2878
8:34:16	20.8541	0.1208	1.2878
8:34:26	20.8561	0.1285	1.2878
8:34:36	20.8581	0.1243	1.28
8:34:46	20.8617	0.1237	1.2973
8:34:56	20.8617	0.1243	1.2878
8:35:06	20.8617	0.1214	1.286
8:35:16	20.8602	0.1237	1.2878
8:35:26	20.8581	0.1285	1.3104
8:35:36	20.8561	0.1261	1.28
8:35:46	20.8617	0.1214	1.2723
8:35:56	20.8581	0.1273	1.28
8:36:06	20.8602	0.1231	1.28
8:36:16	20.8602	0.1243	1.3027
8:36:26	20.8617	0.122	1.305
8:36:36	20.8637	0.1303	1.3163
8:36:46	20.8602	0.1291	1.3181

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:36:56	20.8602	0.1267	1.3259
8:37:06	20.8617	0.1273	1.3181
8:37:16	20.8617	0.1273	1.3104
8:37:26	20.8561	0.1321	1.3104
8:37:36	20.8602	0.1303	1.2991
8:37:46	20.8602	0.1291	1.2973
8:37:56	20.8602	0.1315	1.2878
8:38:06	20.8602	0.1291	1.2878
8:38:16	20.8617	0.1273	1.2973
8:38:26	20.8617	0.1291	1.2973
8:38:36	20.8617	0.1297	1.2955
8:38:46	20.8617	0.1344	1.2991
8:38:56	20.8581	0.1148	1.3104
8:39:06	20.8617	0.1083	1.305
8:39:16	20.8617	0.1083	1.3027
8:39:26	20.8602	0.11	1.3027
8:39:36	20.8617	0.11	1.3027
8:39:46	20.8617	0.1095	1.305
8:39:56	20.8637	0.1083	1.305
8:40:06	20.8617	0.1095	1.3122
8:40:16	20.8617	0.1106	1.3181
8:40:26	20.8602	0.11	1.3122
8:40:36	20.8617	0.1124	1.3104
8:40:46	20.8617	0.1112	1.3104
8:40:56	20.8617	0.1166	1.3259
8:41:06	20.8602	0.1148	1.3122
8:41:16	20.8617	0.1112	1.2973
8:41:26	20.8637	0.11	1.286
8:41:36	20.8617	0.1124	1.3027
8:41:46	20.8617	0.1124	1.3122
8:41:56	20.8617	0.1124	1.3294
8:42:06	20.8617	0.1136	1.3294
8:42:16	20.8657	0.1124	1.3259
8:42:26	20.8657	0.1112	1.3259
8:42:36	20.8657	0.1106	1.3259
8:42:46	20.8657	0.1112	1.3336
8:42:56	20.8602	0.1154	1.3259
8:43:06	20.8581	0.1154	1.3199
8:43:16	20.8617	0.1106	1.3259
8:43:26	20.8637	0.1106	1.3181
8:43:36	20.8637	0.1124	1.3163
8:43:46	20.8637	0.1059	1.3122
8:43:56	20.8581	0.1154	1.3199
8:44:06	20.8617	0.11	1.305

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:44:16	20.8637	0.113	1.3027
8:44:26	20.8637	0.11	1.3009
8:44:36	20.8637	0.1077	1.2973
8:44:46	20.8637	0.1077	1.2973
8:44:56	20.8637	0.1077	1.2765
8:45:06	20.8637	0.1083	1.2646
8:45:16	20.8637	0.1083	1.261
8:45:26	20.8617	0.1095	1.2836
8:45:36	20.8617	0.1077	1.2955
8:45:46	20.8637	0.1077	1.2973
8:45:56	20.8637	0.1077	1.3027
8:46:06	20.8637	0.116	1.3027
8:46:16	20.8657	0.1154	1.305
8:46:26	20.8637	0.116	1.3181
8:46:36	20.8617	0.116	0.4445
8:46:46	15.521	5.6797	0.3665
8:46:56	11.5897	6.2546	0.3475
8:47:06	11.1381	6.3474	0.3433
8:47:16	11.025	6.4075	0.3356
8:47:26	10.9411	6.467	0.3302
8:47:36	10.8994	6.4771	0.3207
8:47:46	10.9107	6.4771	0.3285
8:47:56	11.0006	6.3795	0.3338
8:48:06	11.0785	6.3177	0.3356
8:48:16	11.1261	6.3153	0.3225
8:48:26	11.0881	6.3831	0.3261
8:48:36	11.0119	6.4504	0.332
8:48:46	10.947	6.4873	0.3285
8:48:56	10.9202	6.4944	0.3225
8:49:06	10.9851	6.4319	0.3285
8:49:16	11.0595	6.3795	0.3356
8:49:26	11.2005	6.2575	0.332
8:49:36	11.344	6.1588	0.3356
8:49:46	11.4451	6.0927	0.3285
8:49:56	11.4737	6.0981	0.3433
8:50:06	11.3969	6.1802	0.3475
8:50:16	11.319	6.2445	0.3207
8:50:26	11.1988	6.3206	0.3088
8:50:36	11.1166	6.3587	0.332
8:50:46	11.1113	6.3278	0.3225
8:50:56	11.191	6.2617	0.3285
8:51:06	11.2505	6.2206	0.332
8:51:16	11.294	6.1915	0.332
8:51:26	11.2636	6.2421	0.3433



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:51:36	11.1738	6.3177	0.3433
8:51:46	11.0863	6.3736	0.3398
8:51:56	11.0405	6.3807	0.3451
8:52:06	11.0827	6.3343	0.3451
8:52:16	11.1624	6.2611	0.3737
8:52:26	11.294	6.1766	0.4159
8:52:36	11.3743	6.1302	1.8924
8:52:46	11.4064	6.1415	2.356
8:52:56	11.3916	6.1879	2.6839
8:53:06	11.338	6.2474	2.0983
8:53:16	11.2428	6.2944	2.0448
8:53:26	11.1571	6.354	1.5889
8:53:36	11.0922	6.3914	1.4098
8:53:46	11.0482	6.4039	2.14
8:53:56	11.069	6.3575	1.9323
8:54:06	11.1398	6.2986	1.7549
8:54:16	11.222	6.2397	1.5812
8:54:26	11.2618	6.2367	1.7895
8:54:36	11.2618	6.2605	1.5145
8:54:46	11.2273	6.2819	1.3068
8:54:56	11.2351	6.2718	1.1539
8:55:06	11.2481	6.2528	1.0985
8:55:16	11.3077	6.1885	0.9289
8:55:26	11.4356	6.0879	0.9331
8:55:36	11.5326	6.0338	0.8545
8:55:46	11.588	6.0207	0.7688
8:55:56	11.5671	6.0796	0.7194
8:56:06	11.4642	6.1635	0.6677
8:56:16	11.3571	6.2212	0.6427
8:56:26	11.2963	6.2367	0.6355
8:56:36	11.2963	6.2367	0.6772
8:56:46	11.3303	6.1933	0.7456
8:56:56	11.3951	6.1474	1.2074
8:57:06	11.4582	6.1147	1.0604
8:57:16	11.4963	6.104	0.8658
8:57:26	11.4927	6.1236	1.1824
8:57:36	11.4523	6.1855	1.139
8:57:46	11.3969	6.2123	1.011
8:57:56	11.3344	6.2611	0.9884
8:58:06	11.2672	6.2855	0.9765
8:58:16	11.2368	6.2843	0.9712
8:58:26	11.2505	6.2439	0.9236
8:58:36	11.2922	6.2052	0.8527
8:58:46	11.3321	6.1683	0.8432

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
8:58:56	11.3571	6.1558	0.8105
8:59:06	11.3553	6.1826	0.7879
8:59:16	11.3094	6.2373	0.7611
8:59:26	11.2523	6.2671	0.8224
8:59:36	11.2047	6.2956	0.7766
8:59:46	11.1589	6.3099	0.7843
8:59:56	11.1666	6.2766	0.8069
9:00:06	11.2196	6.2093	0.8051
9:00:16	11.2654	6.2016	0.8319
9:00:26	11.2636	6.2337	0.7516
9:00:36	11.2065	6.3099	0.7325
9:00:46	11.0922	6.3879	0.7557
9:00:56	11.0274	6.4022	0.7403
9:01:06	11.0309	6.3801	0.7706
9:01:16	11.0958	6.32	0.7653
9:01:26	11.1624	6.2724	0.6909
9:01:36	11.2333	6.226	0.6885
9:01:46	11.2291	6.2802	0.6564
9:01:56	11.1416	6.37	0.6028
9:02:06	11.0274	6.4426	0.582
9:02:16	10.947	6.4837	0.6332
9:02:26	10.9125	6.5123	0.6218
9:02:36	10.903	6.4986	0.582
9:02:46	10.9393	6.4474	0.6218
9:02:56	10.9988	6.4039	0.5897
9:03:06	11.0732	6.348	0.5897
9:03:16	11.1434	6.2998	0.5516
9:03:26	11.172	6.3117	0.5421
9:03:36	11.1339	6.3724	0.5207
9:03:46	11.0595	6.4307	0.5171
9:03:56	10.9869	6.4694	0.5457
9:04:06	10.9833	6.4307	0.532
9:04:16	11.0387	6.3742	0.5421
9:04:26	11.1452	6.2933	0.5421
9:04:36	11.26	6.2248	0.5552
9:04:46	11.338	6.1915	0.5611
9:04:56	11.3588	6.2284	0.5683
9:05:06	11.3077	6.2956	0.5683
9:05:16	11.2481	6.3313	0.5707
9:05:26	11.2083	6.3468	0.5457
9:05:36	11.191	6.3421	0.5707
9:05:46	11.2178	6.2944	0.5421
9:05:56	11.2749	6.2373	0.532
9:06:06	11.3517	6.1843	0.5171

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:06:16	11.3898	6.1998	0.5397
9:06:26	11.3475	6.2635	0.5439
9:06:36	11.294	6.2962	0.5492
9:06:46	11.2481	6.3337	0.5534
9:06:56	11.2196	6.3224	0.576
9:07:06	11.2237	6.3319	0.5588
9:07:16	11.2577	6.2724	0.5248
9:07:26	11.3398	6.1826	0.5266
9:07:36	11.4582	6.0879	0.532
9:07:46	11.5386	6.0808	0.5266
9:07:56	11.5118	6.1564	0.479
9:08:06	11.4142	6.229	0.4522
9:08:16	11.3249	6.2879	0.4409
9:08:26	11.2446	6.3331	0.4445
9:08:36	11.2047	6.32	0.4522
9:08:46	11.2333	6.2986	0.4481
9:08:56	11.2505	6.2825	0.4635
9:09:06	11.26	6.2879	0.4558
9:09:16	11.2315	6.3415	0.4522
9:09:26	11.1666	6.3879	0.4677
9:09:36	11.0708	6.4682	0.4963
9:09:46	10.9696	6.5158	0.46
9:09:56	10.9167	6.5188	0.4522
9:10:06	10.9244	6.5021	0.4618
9:10:16	10.9357	6.4998	0.4653
9:10:26	10.9375	6.5069	0.4653
9:10:36	10.9244	6.5075	0.4635
9:10:46	10.9125	6.5063	0.4713
9:10:56	10.9125	6.5075	0.4998
9:11:06	10.9107	6.4956	0.5058
9:11:16	10.9244	6.4819	0.4731
9:11:26	10.9548	6.4486	0.454
9:11:36	10.9833	6.4396	0.4653
9:11:46	10.9988	6.4266	0.4618
9:11:56	10.9946	6.4426	0.4368
9:12:06	10.9869	6.442	0.4255
9:12:16	10.9583	6.4694	0.4332
9:12:26	10.9339	6.4849	0.4368
9:12:36	10.9262	6.4777	0.4159
9:12:46	10.9798	6.4051	0.4064
9:12:56	11.075	6.3361	0.4082
9:13:06	11.1476	6.3099	0.3892
9:13:16	11.1666	6.3385	0.3987
9:13:26	11.1131	6.4212	0.3987

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:13:36	11.0345	6.4724	0.4064
9:13:46	10.9565	6.5182	0.6486
9:13:56	10.9089	6.5242	0.6546
9:14:06	10.9488	6.4664	0.7879
9:14:16	11.0232	6.3724	0.9063
9:14:26	11.0845	6.3647	0.6885
9:14:36	11.1244	6.3528	0.6659
9:14:46	11.1285	6.3772	0.6427
9:14:56	11.0768	6.4391	0.582

**Start Run 3A**

9:15:06	11.0196	6.4635	0.6105
9:15:16	10.9798	6.4777	0.6201
9:15:26	10.9696	6.4688	0.6088
9:15:36	11.0059	6.4069	0.6141
9:15:46	11.0976	6.3403	0.6332
9:15:56	11.1071	6.2849	0.5933
9:16:06	11.2178	6.2403	0.576
9:16:16	11.2654	6.2361	0.5516
9:16:26	11.2696	6.2724	0.5552
9:16:36	11.2083	6.3307	0.5873
9:16:46	11.1184	6.3688	0.6314
9:16:56	11.0958	6.348	0.6849
9:17:06	11.1226	6.3385	0.6278
9:17:16	11.1511	6.345	0.5725
9:17:26	11.1398	6.3415	0.532
9:17:36	11.1303	6.3313	0.5284
9:17:46	11.1666	6.2915	0.5189
9:17:56	11.2291	6.2599	0.4731
9:18:06	11.3035	6.1903	0.4522
9:18:16	11.363	6.1701	0.4505
9:18:26	11.3612	6.2153	0.4314
9:18:36	11.338	6.2474	0.4159
9:18:46	11.3154	6.2819	0.4005
9:18:56	11.2999	6.2796	0.3778
9:19:06	11.3112	6.2498	0.4028
9:19:16	11.3761	6.1909	0.4142
9:19:26	11.4505	6.1385	0.4255
9:19:36	11.5249	6.0987	0.3856
9:19:46	11.5481	6.0969	0.3909
9:19:56	11.5267	6.1564	0.3546
9:20:06	11.46	6.2153	0.3493
9:20:16	11.3779	6.2546	0.3225
9:20:26	11.3398	6.251	0.3356

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:20:36	11.3743	6.1915	0.338
9:20:46	11.4945	6.0909	0.3433
9:20:56	11.6129	5.9981	0.3588
9:21:06	11.6796	5.9951	0.3737
9:21:16	11.6659	6.0504	0.357
9:21:26	11.5897	6.1016	0.3433
9:21:36	11.529	6.1558	0.6599
9:21:46	11.4642	6.1832	0.3261
9:21:56	11.4523	6.1582	0.3207
9:22:06	11.5231	6.0897	0.3207
9:22:16	11.6225	6.0112	0.307
9:22:26	11.7117	5.9576	0.313
9:22:36	11.7463	5.9653	0.3052
9:22:46	11.7064	6.0374	0.2922
9:22:56	11.6034	6.1248	0.2898
9:23:06	11.4927	6.2046	0.2785
9:23:16	11.4237	6.2123	0.2785
9:23:26	11.4029	6.1939	0.2594
9:23:36	11.5005	6.0981	0.2481
9:23:46	11.5915	6.0385	0.2636
9:23:56	11.6546	6.0266	0.2559
9:24:06	11.6433	6.0671	0.2559
9:24:16	11.5612	6.1504	0.2517
9:24:26	11.466	6.2105	0.2481
9:24:36	11.3934	6.2558	0.2404
9:24:46	11.3517	6.2564	0.2422
9:24:56	11.3779	6.2046	0.2326
9:25:06	11.4868	6.1004	0.2368
9:25:16	11.6278	5.9897	0.2422
9:25:26	11.7617	5.8993	0.2404
9:25:36	11.8433	5.8904	0.2326
9:25:46	11.8266	5.9445	0.2326
9:25:56	11.7635	5.9903	0.2344
9:26:06	11.7367	5.9927	0.2404
9:26:16	11.7671	5.9719	0.2445
9:26:26	11.8016	5.913	0.2404
9:26:36	11.901	5.866	0.2326
9:26:46	11.9563	5.8439	0.2196
9:26:56	11.9331	5.9094	0.2273
9:27:06	11.8171	6.0427	0.2249
9:27:16	11.6147	6.2052	0.2178
9:27:26	11.4261	6.32	0.2445
9:27:36	11.2904	6.3956	0.2481
9:27:46	11.6433	5.7452	0.2249

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:27:56	11.9081	5.9392	0.2249
9:28:06	11.6945	6.0748	0.2118
9:28:16	11.6754	6.085	0.2154
9:28:26	11.6397	6.1665	0.2118
9:28:36	11.601	6.207	0.2041
9:28:46	11.5671	6.2492	0.21
9:28:56	11.4981	6.2998	0.2041
9:29:06	11.4011	6.3605	0.1963
9:29:16	11.3571	6.3522	0.1892
9:29:26	11.3874	6.2861	0.1892
9:29:36	11.4773	6.2147	0.2041
9:29:46	11.601	6.0629	0.2136
9:29:56	11.6165	6.1123	0.2178
9:30:06	11.6373	6.1183	0.2154
9:30:16	11.6564	6.1528	0.2118
9:30:26	11.7022	6.1076	0.1892
9:30:36	11.7885	6.032	0.2059
9:30:46	11.87	5.9778	0.2041
9:30:56	11.9581	5.9142	0.2041
9:31:06	11.998	5.9094	0.2023
9:31:16	11.9504	5.979	0.2005
9:31:26	11.8552	6.0683	0.2249
9:31:36	11.7576	6.1278	0.2249
9:31:46	11.7117	6.1439	0.2249
9:31:56	11.6814	6.1474	0.2082
9:32:06	11.6891	6.0481	0.1737
9:32:16	11.685	6.0748	0.1832
9:32:26	11.6397	6.1713	0.1565
9:32:36	11.6147	6.1713	0.1678
9:32:46	11.6778	6.0933	0.166
9:32:56	11.832	5.9671	0.1815
9:33:06	11.9825	5.8576	0.1678
9:33:16	12.1182	5.7707	0.1678
9:33:26	12.1795	5.7666	0.166
9:33:36	12.1432	5.8201	0.1678
9:33:46	12.0801	5.8612	0.1678
9:33:56	12.0212	5.8802	0.1797
9:34:06	12.0248	5.8475	0.1815
9:34:16	12.1122	5.7338	0.1773
9:34:26	12.2592	5.6345	0.1946
9:34:36	12.3717	5.5571	0.1696
9:34:46	12.4312	5.5648	0.185
9:34:56	12.3949	5.619	0.1963
9:35:06	12.3092	5.694	0.191

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:35:16	12.2212	5.7493	0.1737
9:35:26	12.1908	5.7452	0.1719
9:35:36	12.2801	5.638	0.1815
9:35:46	12.4711	5.4881	0.1797
9:35:56	12.6217	5.4065	0.1737
9:36:06	12.721	5.3631	0.2023
9:36:16	12.7704	5.3577	0.1815
9:36:26	12.7722	5.3744	0.1678
9:36:36	12.7383	5.4107	0.16
9:36:46	12.6657	5.4613	0.1624
9:36:56	12.5854	5.4958	0.1696
9:37:06	12.58	5.4678	0.1797
9:37:16	12.6484	5.422	0.1737
9:37:26	12.7002	5.3911	0.1815
9:37:36	12.7478	5.3655	0.1737
9:37:46	12.7722	5.3667	0.16
9:37:56	12.7246	5.419	0.1529
9:38:06	12.6121	5.5053	0.16
9:38:16	12.4961	5.5631	0.1452
9:38:26	12.4193	5.5875	0.1529
9:38:36	12.4217	5.5583	0.1678
9:38:46	12.4866	5.5089	0.1719
9:38:56	12.5169	5.4899	0.1696
9:39:06	12.511	5.5262	0.1737
9:39:16	12.4312	5.6166	0.2178
9:39:26	12.286	5.7386	0.2041
9:39:36	12.1468	5.8332	0.2118
9:39:46	12.0117	5.9088	0.1928
9:39:56	11.9391	5.9219	0.1773
9:40:06	11.9522	5.8797	0.16
9:40:16	12.0569	5.7874	0.1583
9:40:26	12.164	5.7344	0.1678
9:40:36	12.1866	5.7571	0.1737
9:40:46	12.1241	5.8332	0.1773
9:40:56	12.0117	5.9201	0.1737
9:41:06	11.9046	5.9939	0.1737
9:41:16	11.8076	6.0391	0.1678
9:41:26	11.7558	6.0582	0.1678
9:41:36	11.773	5.9981	0.1737
9:41:46	11.8873	5.9023	0.1642
9:41:56	12.0057	5.8231	0.1678
9:42:06	12.0765	5.813	0.16
9:42:16	12.0551	5.8624	0.16
9:42:26	11.9563	5.9523	0.1529

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:42:36	11.8456	6.0153	0.1529
9:42:46	11.7593	6.0659	0.1452
9:42:56	11.7064	6.0766	0.1374
9:43:06	11.7159	6.0249	0.1297
9:43:16	11.8111	5.9344	0.1148
9:43:26	11.9617	5.8184	0.122
9:43:36	12.0765	5.7934	0.1243
9:43:46	12.0438	5.8677	0.1452
9:43:56	11.9444	5.9398	0.1642
9:44:06	11.8433	6.0022	0.1696
9:44:16	11.7576	6.0612	0.1678
9:44:26	11.6796	6.1064	0.141
9:44:36	11.632	6.1153	0.1374
9:44:46	11.6183	6.1046	0.1452
9:44:56	11.6701	6.0463	0.1547
9:45:06	11.7385	5.9993	0.16
9:45:16	11.7861	5.9767	0.1529
9:45:26	11.7939	6.0046	0.1297
9:45:36	11.7332	6.0725	0.1624
9:45:46	11.632	6.1558	0.16
9:45:56	11.5213	6.2123	0.1452
9:46:06	11.4564	6.2439	0.1529
9:46:16	11.4237	6.2492	0.1529
9:46:26	11.4261	6.2367	0.1529
9:46:36	11.4011	6.2671	0.166
9:46:46	11.3517	6.301	0.1642
9:46:56	11.3077	6.3284	0.1678
9:47:06	11.2464	6.3647	0.1678
9:47:16	11.1494	6.4414	0.1719
9:47:26	11.0345	6.4986	0.1565
9:47:36	10.922	6.5509	0.1583
9:47:46	10.8232	6.62	0.1815
9:47:56	10.7334	6.6664	0.1815
9:48:06	10.6554	6.7122	0.1815
9:48:16	10.5959	6.7336	0.191
9:48:26	10.5959	6.6973	0.1963
9:48:36	10.6608	6.6444	0.1892
9:48:46	10.7316	6.6182	0.2041
9:48:56	10.7316	6.6711	0.1737
9:49:06	10.6209	6.7795	0.1946
9:49:16	10.4662	6.8848	0.1737
9:49:26	10.3025	7.0026	0.1565
9:49:36	10.1347	7.0651	0.1678
9:49:46	10.0621	7.0746	0.1624



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:49:56	10.127	6.9854	0.1678
9:50:06	10.2549	6.8967	0.1815
9:50:16	10.3596	6.8533	0.1678
9:50:26	10.365	6.9026	0.1892
9:50:36	10.2394	7.0246	0.1832
9:50:46	10.077	7.1127	0.16
9:50:56	9.9591	7.1579	0.1696
9:51:06	9.8615	7.2002	0.1452
9:51:16	9.852	7.1562	0.141
9:51:26	9.9782	7.0318	0.1356
9:51:36	10.1496	6.9217	0.1374
9:51:46	10.2739	6.8777	0.1392
9:51:56	10.3043	6.8931	0.1297
9:52:06	10.262	6.9639	0.1148
9:52:16	10.1496	7.0407	0.1279
9:52:26	10.0561	7.0728	0.122
9:52:36	10.0561	7.0312	0.1261
9:52:46	10.1192	6.9752	0.1374
9:52:56	10.2067	6.9104	0.1452
9:53:06	10.3233	6.8158	0.1374
9:53:16	10.4322	6.758	0.1374
9:53:26	10.4703	6.7884	0.1374
9:53:36	10.3823	6.8907	0.1434
9:53:46	10.2376	6.9895	0.1642
9:53:56	10.0865	7.0651	0.1529
9:54:06	10.024	7.0693	0.1678
9:54:16	10.0484	7.0312	0.166
9:54:26	10.1133	6.9883	0.1737
9:54:36	10.1936	6.9366	0.1678
9:54:46	10.2662	6.9074	0.1719
9:54:56	10.2793	6.9568	0.1547
9:55:06	10.2109	7.0038	0.2386
9:55:16	10.1591	7.0157	0.2344
9:55:26	10.1287	7.0264	0.2082
9:55:36	10.1609	6.9705	0.1892
9:55:46	10.2716	6.861	0.1815
9:55:56	10.4245	6.7455	0.1678
9:56:06	10.5691	6.667	0.1696
9:56:16	10.6227	6.6777	0.1892
9:56:26	10.5673	6.7432	0.1963
9:56:36	10.4876	6.7914	0.16
9:56:46	10.4489	6.805	0.1565
9:56:56	10.5007	6.7366	0.1946
9:57:06	10.6364	6.6271	0.2249

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:57:16	10.781	6.539	0.2118
9:57:26	10.9054	6.4712	0.1773
9:57:36	11.0178	6.4093	0.1624
9:57:46	11.0464	6.4432	0.1469
9:57:56	10.9583	6.5361	0.1243
9:58:06	10.8405	6.6063	0.1279
9:58:16	10.7584	6.6414	0.122
9:58:26	10.7161	6.6717	0.1071
9:58:36	10.7203	6.636	0.088
9:58:46	10.8078	6.5426	0.0934
9:58:56	10.922	6.4825	0.1071
9:59:06	10.9625	6.5063	0.122
9:59:16	10.9298	6.5593	0.1148
9:59:26	10.8613	6.6093	0.1089
9:59:36	10.7732	6.6688	0.1011
9:59:46	10.7125	6.6777	0.1148
9:59:56	10.7352	6.6235	0.1279
10:00:06	10.825	6.5486	0.1053
10:00:16	10.9411	6.4771	0.0934
10:00:26	11.0577	6.3837	0.1029
10:00:36	11.1434	6.348	0.1089
10:00:46	11.172	6.3581	0.1297
10:00:56	11.1494	6.3944	0.1374
10:01:06	11.0708	6.4527	0.1339
10:01:16	11.0232	6.4581	0.166
10:01:26	11.0101	6.4581	0.1696
10:01:36	11.0137	6.4563	0.1678
10:01:46	11.0196	6.4575	0.1868
10:01:56	11.0309	6.4367	0.2273
10:02:06	11.025	6.451	0.2249
10:02:16	11.0155	6.4521	0.2404
10:02:26	11.025	6.4504	0.2404
10:02:36	11.0785	6.3956	0.2005
10:02:46	11.1398	6.3522	0.21
10:02:56	11.1988	6.3147	0.2249
10:03:06	11.2255	6.3367	0.2154
10:03:16	11.1874	6.3992	0.185
10:03:26	11.1261	6.445	0.1892
10:03:36	11.0708	6.4849	0.1565
10:03:46	11.044	6.4807	0.1529
10:03:56	11.0559	6.4527	0.16
10:04:06	11.1285	6.3557	0.16
10:04:16	11.2541	6.2641	0.1529
10:04:26	11.3535	6.2183	0.1565

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:04:36	11.3951	6.2064	0.1565
10:04:46	11.4029	6.226	0.1374
10:04:56	11.3856	6.251	0.1583
10:05:06	11.3321	6.2986	0.1815
10:05:16	11.2731	6.3337	0.1487
10:05:26	11.2255	6.3444	0.1946
10:05:36	11.2672	6.2748	0.1797
10:05:46	11.3588	6.2201	0.1469
10:05:56	11.4183	6.2117	0.1261
10:06:06	11.4011	6.2581	0.1243
10:06:16	11.3172	6.3296	0.1166
10:06:26	11.222	6.3903	0.1529
10:06:36	11.1571	6.4331	0.1583
10:06:46	11.1184	6.4486	0.1737
10:06:56	11.1398	6.4063	0.1487
10:07:06	11.1815	6.3712	0.1529
10:07:16	11.2255	6.3593	0.1678
10:07:26	11.2368	6.3724	0.1529
10:07:36	11.197	6.4105	0.1452
10:07:46	11.1226	6.4718	0.1297
10:07:56	11.0309	6.5426	0.1089
10:08:06	10.9202	6.5944	0.0803
10:08:16	10.8744	6.5878	0.0708
10:08:26	10.9149	6.52	0.0571
10:08:36	11.0327	6.42	0.0648
10:08:46	11.1589	6.3415	0.0785
10:08:56	11.2273	6.3426	0.0785
10:09:06	11.1892	6.4135	0.0785
10:09:16	11.0827	6.4986	0.0785
10:09:26	10.9434	6.567	0.1261
10:09:36	10.8762	6.5944	0.141
10:09:46	10.8744	6.5634	0.0993
10:09:56	10.972	6.4658	0.0934
10:10:06	11.1148	6.3736	0.1053
10:10:16	11.1892	6.3736	0.1297
10:10:26	11.1738	6.4182	0.1297
10:10:36	11.0863	6.5009	0.122
10:10:46	10.9893	6.5497	0.1339
10:10:56	10.9185	6.589	0.16
10:11:06	10.8899	6.592	0.1773
10:11:16	10.928	6.5313	0.1737
10:11:26	11.0369	6.4295	0.191
10:11:36	11.1398	6.3712	0.2041
10:11:46	11.2178	6.3415	0.1624

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:11:56	11.2315	6.3587	0.1339
10:12:06	11.1738	6.401	0.1243
10:12:16	11.1184	6.4432	0.1452
10:12:26	11.0369	6.4926	0.1279
10:12:36	11.0006	6.4914	0.1089
10:12:46	11.0196	6.4391	0.1071
10:12:56	11.1226	6.3474	0.1089
10:13:06	11.2273	6.2825	0.1011
10:13:16	11.2827	6.2819	0.0934
10:13:26	11.2541	6.345	0.088
10:13:36	11.1416	6.4367	0.088
10:13:46	11.0155	6.523	0.0839
10:13:56	10.8899	6.5914	0.0726
10:14:06	10.8554	6.5825	0.0916
10:14:16	10.9548	6.4754	0.0993
10:14:26	11.0785	6.3944	0.1011
10:14:36	11.1857	6.3307	0.122
10:14:46	11.2237	6.3617	0.1089
10:14:56	11.1398	6.4593	0.1583
10:15:06	10.9869	6.5593	0.16
10:15:16	10.8786	6.6146	0.1547
10:15:26	10.8572	6.5962	0.1583
10:15:36	10.9071	6.5367	0.1565
10:15:46	11.025	6.4396	0.1624
10:15:56	11.1148	6.3885	0.1773
10:16:06	11.1339	6.4022	0.16
10:16:16	11.0845	6.4682	0.1624
10:16:26	10.9988	6.5295	0.1529
10:16:36	10.928	6.5581	0.1565
10:16:46	10.9185	6.5444	0.1374
10:16:56	10.9798	6.4807	0.1374
10:17:06	11.069	6.4224	0.1166
10:17:16	11.1452	6.3778	0.1124
10:17:26	11.2101	6.3438	0.1029
10:17:36	11.2481	6.326	0.0857
10:17:46	11.2636	6.3087	0.0934
10:17:56	11.3112	6.2689	0.0934
10:18:06	11.3588	6.2349	0.0934
10:18:16	11.4064	6.2141	0.122
10:18:26	11.4106	6.2391	0.141
10:18:36	11.3553	6.298	0.1374
10:18:46	11.2315	6.3926	0.141
10:18:56	11.0613	6.5027	0.1434
10:19:06	10.928	6.573	0.1297

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:19:16	10.8839	6.5658	0.1529
10:19:26	10.9357	6.4938	0.1452
10:19:36	11.05	6.4176	0.1487
10:19:46	11.1017	6.4176	0.1487
10:19:56	11.0803	6.467	0.1434
10:20:06	11.0024	6.5259	0.1452
10:20:16	10.9357	6.5593	0.1261
10:20:26	10.8804	6.5878	0.0857
10:20:36	10.8744	6.5593	0.0857
10:20:46	10.9434	6.4771	0.0821
10:20:56	11.0863	6.354	0.0708
10:21:06	11.2428	6.245	0.0916
10:21:16	11.3571	6.198	0.0934
10:21:26	11.3803	6.2284	0.0934
10:21:36	11.2844	6.3284	0.0708
10:21:46	11.1434	6.4158	0.0898
10:21:56	11.0101	6.4926	0.0785
10:22:06	10.9244	6.5206	0.0648
10:22:16	10.8762	6.5295	0.0708
10:22:26	10.9244	6.445	0.0648
10:22:36	11.0482	6.354	0.0571
10:22:46	11.1571	6.3099	0.0571
10:22:56	11.1761	6.3385	0.0595
<b>End Run 3A</b>	<b>11.29815</b>	<b>6.293495</b>	<b>0.194656</b>
10:23:06	11.1285	6.4045	0.063
10:23:16	11.0387	6.4682	0.0857
10:23:26	10.9756	6.489	0.0708
10:23:36	10.922	6.5265	0.0666
10:23:46	10.8899	6.5307	0.0708
10:23:56	10.9012	6.5105	0.0785
10:24:06	10.9315	6.4992	0.1071
10:24:16	10.972	6.4664	0.2291
10:24:26	6.4855	1.0087	0.0613
10:24:36	0.8278	0.316	0.0648
10:24:46	0.166	0.2511	0.0571
10:24:56	0.0761	0.216	0.063
10:25:06	0.0309	0.1892	0.0613
<b>Zero Bias</b>	<b>0.091</b>	<b>0.218767</b>	<b>0.060467</b>
10:25:16	-0.0036	0.16	0.0648
10:25:26	-0.0209	0.1541	0.0571
10:25:36	-0.0227	0.1434	0.0458
10:25:46	-0.0381	0.1392	0.0476

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:25:56	-0.0417	0.1315	0.0363
10:26:06	-0.0572	0.1214	0.0136
10:26:16	1.5472	1.3878	-0.0209
10:26:26	6.3254	6.8294	-0.0822
10:26:36	9.4515	9.6556	-0.1012
10:26:46	9.7985	9.8086	-0.1084
10:26:56	9.8806	9.8859	-0.1084
10:27:06	9.9074	9.9151	-0.1143
10:27:16	9.9246	9.9377	-0.1066
10:27:26	9.9306	9.9478	-0.103
10:27:36	9.9401	9.9609	-0.1012
10:27:46	9.9472	9.9675	-0.1012
10:27:56	9.9514	9.9675	-0.1084
<b>O2/CO2 Bias</b>	<b>9.946233</b>	<b>9.9653</b>	<b>-0.1036</b>
10:28:06	9.9514	9.9782	-0.1179
10:28:16	10.0008	9.705	-0.0244
10:28:26	13.6708	4.1163	10.0181
10:28:36	18.0902	0.7427	11.9635
10:28:46	20.1391	0.3677	12.1027
10:28:56	20.3561	0.2642	12.5473
10:29:06	20.4286	0.2166	12.9061
10:29:16	20.4538	0.2053	12.8621
10:29:26	20.4613	0.1886	12.7074
10:29:36	20.4805	0.1642	12.5877
10:29:46	20.5011	0.1487	12.3051
10:29:56	20.4669	0.1815	12.9139
10:30:06	20.4634	0.1803	13.3429
10:30:16	20.488	0.1547	13.2739
10:30:26	20.5052	0.1428	21.3461
10:30:36	20.5092	0.1475	20.5928
10:30:46	20.5167	0.1339	20.2418
10:30:56	20.5243	0.1327	20.698
10:31:06	20.5339	0.1267	20.9875
10:31:16	20.5339	0.1249	21.0142
10:31:26	20.5374	0.1214	20.9115
10:31:36	20.5434	0.119	21.2851
10:31:46	20.5449	0.1166	21.4302
10:31:56	20.5449	0.1166	21.3919
10:32:06	20.549	0.1154	20.8425
10:32:16	20.5545	0.0952	21.2509
10:32:26	20.5565	0.0999	1.1253
10:32:36	16.4369	3.3165	10.077
10:32:46	18.9316	0.3112	7.6834

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:32:56	20.3924	0.1356	8.0512
10:33:06	20.5031	0.122	8.0286
10:33:16	20.5203	0.1112	8.2577
10:33:26	20.5263	0.11	0.851
10:33:36	16.2209	3.3433	2.8535
10:33:46	8.5606	0.2428	0.166
10:33:56	0.6373	0.1303	0.1374
10:34:06	0.1797	0.1106	0.1011
10:34:16	0.0821	0.1023	0.0952
10:34:26	0.0285	0.097	0.1011
10:34:36	0.0113	0.0857	0.1029
10:34:46	0.0113	0.0833	0.1089
10:34:56	0.019	0.0851	0.1053
10:35:06	0.0208	0.0862	0.1297
10:35:16	-0.0018	0.0815	0.1148
10:35:26	-0.0435	0.0779	0.1011
10:35:36	-0.0381	0.0839	0.1202
10:35:46	10.5179	2.0686	23.4635
10:35:56	18.9009	0.1237	26.1337
10:36:06	20.2438	0.0964	28.5754
10:36:16	20.3868	0.0868	21.7126
10:36:26	20.4271	0.0839	21.2413
10:36:36	20.4785	0.0809	21.1688
10:36:46	20.4976	0.0803	21.1175
10:36:56	20.5182	0.0833	21.0354
10:37:06	20.5298	0.0833	21.0183
10:37:16	20.551	0.0797	21.1401
10:37:26	20.5721	0.0779	21.48
10:37:36	20.5812	0.0785	21.8405
10:37:46	20.5852	0.0779	21.9815
10:37:56	20.5908	0.0773	22.0117
10:38:06	20.5948	0.0755	21.3179
10:38:16	20.5968	0.0755	21.335
10:38:26	20.6003	0.0755	21.4206
10:38:36	20.6023	0.0749	21.556
10:38:46	20.6064	0.0743	21.5676
10:38:56	20.6064	0.0743	21.5978
10:39:06	20.6079	0.0761	21.1119
10:39:16	20.6119	0.0726	21.1859
10:39:26	20.6139	0.0732	21.3083
10:39:36	20.6139	0.0732	21.2016
10:39:46	20.6159	0.0726	21.2298
10:39:56	20.6174	0.072	21.5218
10:40:06	20.6174	0.0726	21.6532

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:40:16	20.6174	0.072	21.7011
10:40:26	20.6174	0.072	21.7776
10:40:36	20.6174	0.072	21.76
10:40:46	20.6195	0.072	21.1401
10:40:56	20.6215	0.072	21.188
10:41:06	20.6215	0.0708	21.2549
10:41:16	20.6215	0.0708	21.2625
10:41:26	20.6255	0.0613	21.2318
10:41:36	20.6255	0.0607	21.2741
<b>THC Span Bias</b>	<b>20.62417</b>	<b>0.064267</b>	<b>21.25613</b>
10:41:46	20.6235	0.0589	12.5169
10:41:56	16.5836	3.2219	11.2368
10:42:06	19.5112	0.2356	7.8227
10:42:16	20.5278	0.0916	7.7882
10:42:26	20.5721	0.0749	7.8036
10:42:36	20.5832	0.069	7.7786
10:42:46	20.5872	0.0654	7.7537
10:42:56	20.5908	0.0642	7.7328
10:43:06	20.5928	0.0624	7.7251
10:43:16	20.5928	0.0607	7.7251
<b>THC Low Bias</b>	<b>20.59213</b>	<b>0.062433</b>	<b>7.727667</b>
10:43:26	20.5948	0.0607	7.4716
10:43:36	19.4523	1.6597	0.7171
10:43:46	15.8626	2.1679	11.6969
10:43:56	20.2247	0.1327	12.6812
10:44:06	20.4251	0.097	12.6907
10:44:16	20.4422	0.0857	12.7401
10:44:26	20.4478	0.0785	12.8413
10:44:36	20.4538	0.0743	12.9079
10:44:46	20.4573	0.0726	12.9115
<b>THC Mid Bias</b>	<b>20.45297</b>	<b>0.075133</b>	<b>12.8869</b>
10:44:56	20.4593	0.072	12.9728
10:45:06	20.4634	0.0702	13.0472
10:45:16	20.4634	0.0672	13.1733
10:45:26	20.4634	0.0678	3.5992
10:45:36	15.4621	3.4451	5.9897
10:45:46	11.8819	0.307	0.3433
10:45:56	0.6831	0.113	0.122
10:46:06	0.2481	0.1023	0.1374
10:46:16	0.1565	0.094	0.1505
10:46:26	0.2059	0.0987	0.141



	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
10:46:36	0.2344	0.0934	0.1374
10:46:46	0.2463	0.0892	0.1011
10:46:56	0.1356	0.0857	0.0857
10:47:06	0.1089	0.0851	0.069
10:47:16	0.0743	0.0827	0.0934
<b>Zero Bias</b>	<b>0.106267</b>	<b>0.0845</b>	<b>0.0827</b>
10:47:26	0.0517	0.0815	0.0785
10:47:36	0.0309	0.0809	0.21
10:47:46	7.8322	2.8226	20.1789
10:47:56	15.7293	0.1719	20.7836
10:48:06	19.6889	0.1124	20.549
10:48:16	20.2227	0.094	1.5699
10:48:26	17.1234	3.1469	0.2689
10:48:36	14.8021	3.4534	0.2404
10:48:46	14.6058	3.4855	0.2154
10:48:56	14.5843	3.5069	0.2231
10:49:06	14.5867	3.5159	0.2249
10:49:16	14.5867	3.5272	0.2404
10:49:26	14.579	3.5355	0.2368
10:49:36	14.5695	3.5272	0.2481
10:49:46	14.5748	3.5206	0.2249
10:49:56	14.5748	3.4855	0.2445
10:50:06	14.5314	3.4236	0.2636
10:50:16	14.5236	3.4647	0.2844
10:50:26	14.5314	3.4498	0.2785
10:50:36	14.5445	3.4611	0.2707
10:50:46	14.5599	3.4534	0.2386
10:50:56	14.5558	3.4486	0.2041
10:51:06	14.5712	3.4986	0.1892
10:51:16	14.5582	3.5105	0.21
10:51:26	14.5558	3.5188	0.2041
10:51:36	14.5409	3.5313	0.2005
10:51:46	14.5236	3.5474	0.1892
10:51:56	14.5046	3.5587	0.1696
10:52:06	14.5004	3.5623	0.1565
10:52:16	14.5064	3.5528	0.1529
10:52:26	14.5254	3.545	0.1696
10:52:36	14.5367	3.529	0.1737
10:52:46	14.5599	3.5081	0.1892
10:52:56	14.598	3.4885	0.166
10:53:06	14.6248	3.4802	0.1547
10:53:16	14.6361	3.4671	0.1642
10:53:26	14.6456	3.4617	0.166

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:53:36	14.6516	3.4486	0.1678
10:53:46	14.6492	3.4451	0.1565
10:53:56	14.6492	3.4552	0.1392
10:54:06	14.6516	3.4611	0.1719
10:54:16	14.6456	3.4558	0.16
10:54:26	14.6361	3.4617	0.1624
10:54:36	14.6206	3.4748	0.1487
10:54:46	14.6111	3.476	0.1297
10:54:56	14.598	3.4885	0.122
10:55:06	14.5939	3.5004	0.1315
10:55:16	14.5843	3.5075	0.1261
10:55:26	14.5808	3.4974	0.1202
10:55:36	14.5826	3.4968	0.1184
10:55:46	14.5695	3.5081	0.122
10:55:56	14.5522	3.5165	0.1452
10:56:06	14.5332	3.5242	0.1392
10:56:16	14.5236	3.5302	0.1339
10:56:26	14.5195	3.5319	0.0934
10:56:36	14.5219	3.5188	0.088
10:56:46	14.5314	3.5052	0.0821
10:56:56	14.5427	3.4962	0.0821
10:57:06	14.5558	3.4831	0.0571
10:57:16	14.573	3.4784	0.069
10:57:26	14.573	3.4837	0.0785
10:57:36	14.579	3.4802	0.0743
10:57:46	14.6111	3.4718	0.0857
10:57:56	14.6224	3.476	0.122
10:58:06	14.6325	3.47	0.1261
10:58:16	14.6456	3.4641	0.1261
10:58:26	14.6552	3.4623	0.1184
10:58:36	14.6421	3.4796	0.1243
10:58:46	14.6129	3.5022	0.1297
10:58:56	14.5843	3.5188	0.16
10:59:06	14.5772	3.5111	0.16
10:59:16	14.5748	3.5242	0.1297
10:59:26	14.5677	3.529	0.1297
10:59:36	14.5599	3.5236	0.1148
10:59:46	14.5504	3.5284	0.141
10:59:56	14.5367	3.526	0.1529
11:00:06	14.5427	3.5206	0.1374
11:00:16	14.5504	3.526	0.1166
11:00:26	14.5582	3.5105	0.1071
11:00:36	14.5712	3.4974	0.2249
11:00:46	14.5843	3.495	2.8482

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:00:56	11.2464	0.6706	0.1583
11:01:06	1.5014	0.241	0.1297
11:01:16	0.6165	0.2451	0.1089
11:01:26	0.914	0.338	0.1106
11:01:36	0.6451	0.2475	0.0595
11:01:46	0.6409	0.5469	0.1297
11:01:56	9.8026	3.032	0.1297
11:02:06	11.7403	3.1445	0.2059
11:02:16	11.7903	3.132	0.6088
11:02:26	11.8129	3.1255	0.6808
11:02:36	11.8361	3.1225	0.7266
11:02:46	11.8456	3.1183	0.7706
11:02:56	11.8552	3.116	1.095
11:03:06	11.8647	3.1148	1.0551
11:03:16	11.8724	3.1118	1.0051
11:03:26	11.8855	3.11	1.0569
11:03:36	11.8915	3.1041	1.1277
11:03:46	11.895	3.0999	1.0301
11:03:56	11.901	3.0969	1.0337
11:04:06	11.9063	3.0945	1.0301
11:04:16	11.9105	3.0945	1.0146
11:04:26	11.9141	3.0939	1.0241
11:04:36	11.9176	3.0927	1.0301
11:04:46	11.9218	3.0904	1.1539
11:04:56	11.9236	3.0916	1.0819
11:05:06	11.9254	3.0892	1.0569
11:05:16	11.9331	3.0874	1.1711
11:05:26	11.9373	3.0862	1.2187
11:05:36	11.9391	3.088	1.1848
11:05:46	11.9391	3.0999	1.133
11:05:56	11.9409	3.0797	1.1902
11:06:06	11.9444	3.0779	1.1979
11:06:16	11.9468	3.0779	1.2152
11:06:26	11.9504	3.0767	1.2324
11:06:36	11.9522	3.0755	1.1902
11:06:46	11.9522	3.0755	1.2021
11:06:56	11.9563	3.0767	1.242
11:07:06	11.9581	3.0773	1.3794
11:07:16	11.9599	3.0767	1.3889
11:07:26	11.9599	3.0755	1.2913
11:07:36	11.9617	3.0755	1.2878
11:07:46	11.9635	3.0749	1.2473
11:07:56	11.9658	3.0743	1.2211
11:08:06	11.9676	3.0725	1.255

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:08:16	11.9694	3.0874	1.2646
11:08:26	11.973	3.088	1.2515
11:08:36	11.9772	3.088	1.7186
11:08:46	11.9754	3.0862	1.5109
11:08:56	11.9789	3.0874	1.549
11:09:06	11.9807	3.0862	1.671
11:09:16	11.9825	3.0856	2.1691
11:09:26	11.9849	3.085	1.9245
11:09:36	11.9867	3.0838	1.5544
11:09:46	11.9849	3.0832	1.6216
11:09:56	11.992	3.0826	1.6097
11:10:06	11.9944	3.082	1.3086
11:10:16	11.9962	3.082	1.255
11:10:26	11.9998	3.0832	1.2741
11:10:36	12.0022	3.0826	1.3259
11:10:46	12.0039	3.0808	1.3276
11:10:56	12.0093	3.082	1.7948
11:11:06	12.0093	3.0808	1.677
11:11:16	12.0117	3.0797	1.8692
11:11:26	12.017	3.0797	2.0352
11:11:36	12.0188	3.0785	1.6865
11:11:46	12.023	3.0785	1.5663
11:11:56	12.0283	3.0779	1.6365
11:12:06	12.0325	3.0773	1.6692
11:12:16	12.0343	3.0773	1.5258
11:12:26	12.0361	3.0755	1.4574
11:12:36	12.042	3.0743	1.4514
11:12:46	12.0438	3.0713	1.7282
11:12:56	12.0474	3.0695	1.3354
11:13:06	12.0533	3.0695	1.3753
11:13:16	12.0569	3.0689	1.3943
11:13:26	12.0629	3.0683	1.3604
11:13:36	12.0664	3.0689	1.2765
11:13:46	12.0706	3.0683	1.2402
11:13:56	12.0742	3.0666	1.2878
11:14:06	12.0801	3.066	1.2669
11:14:16	12.0861	3.0648	1.242
11:14:26	12.0896	3.063	1.2646
11:14:36	12.0932	3.063	1.2878
11:14:46	12.0992	3.0618	1.261
11:14:56	12.1027	3.0529	1.2973
11:15:06	12.1087	3.066	1.2765
11:15:16	12.1146	3.066	1.2646
11:15:26	12.1182	3.0642	1.2687

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:15:36	12.1241	3.0636	1.2955
11:15:46	12.1295	3.0612	2.0489
11:15:56	12.1337	3.0594	2.2221
11:16:06	12.1432	3.0582	2.3102
11:16:16	12.1468	3.0576	2.35
11:16:26	12.1545	3.0558	3.3421
11:16:36	12.1622	3.0553	3.0404
11:16:46	12.1658	3.0553	3.0808
11:16:56	12.1735	3.0529	2.3899
11:17:06	12.1795	3.0553	1.8716
11:17:16	12.1849	3.0487	1.4133
11:17:26	12.1926	3.0487	1.3866
11:17:36	12.2021	3.0487	1.3622
11:17:46	12.2116	3.0487	1.3354
11:17:56	12.2253	3.0487	1.3562
11:18:06	12.2366	3.0481	1.3413
11:18:16	12.2515	3.0457	1.3199
11:18:26	12.2688	3.0457	1.3146
11:18:36	12.2842	3.0457	1.2913
11:18:46	12.3033	3.0451	1.305
11:18:56	12.3205	3.0422	1.2973
11:19:06	12.3432	3.0416	1.2878
11:19:16	12.3622	3.0416	1.3181
11:19:26	12.3854	3.0297	1.305
11:19:36	12.4098	3.0297	1.1771
11:19:46	12.4366	3.0255	1.4919
11:19:56	12.4616	3.0225	2.1745
11:20:06	12.4937	3.0172	1.9858
11:20:16	12.5205	3.0076	2.1114
11:20:26	12.5586	2.9946	3.157
11:20:36	12.5877	2.9827	2.5601
11:20:46	12.6121	2.9702	2.1763
11:20:56	12.6353	2.9559	1.7073
11:21:06	12.6621	2.9362	1.6044
11:21:16	12.6847	2.9142	1.7454
11:21:26	12.7097	2.891	1.192
11:21:36	12.7365	2.869	1.0551
11:21:46	12.7591	2.8476	1.0337
11:21:56	12.7841	2.8285	1.0265
11:22:06	12.8085	2.8089	1.0146
11:22:16	12.8317	2.7916	1.6502
11:22:26	12.8561	2.7744	2.2626
11:22:36	12.8829	2.7607	2.5256
11:22:46	12.9156	2.7529	2.3899

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:22:56	12.9424	2.7494	1.5835
11:23:06	12.9728	2.75	1.1122
11:23:16	13.0073	2.7559	1.0491
11:23:26	13.0412	2.7654	1.1122
11:23:36	13.068	2.7636	1.1081
11:23:46	13.0722	2.7589	1.0283
11:23:56	13.0775	2.769	1.8734
11:24:06	13.0835	2.7589	1.1503
11:24:16	13.0912	2.7607	1.7662
11:24:26	13.0966	2.7631	1.5145
11:24:36	13.1043	2.7666	1.0533
11:24:46	13.112	2.7696	1.0604
11:24:56	13.1198	2.7708	1.0723
11:25:06	13.1275	2.772	1.1158
11:25:16	13.1346	2.7767	1.133
11:25:26	13.1406	2.7791	1.1104
11:25:36	13.1466	2.7797	1.1063
11:25:46	13.1537	2.7827	1.0914
11:25:56	13.1596	2.7857	1.1027
11:26:06	13.1674	2.788	1.1313
11:26:16	13.1751	2.7934	1.2211
11:26:26	13.1656	2.7631	2.8993
11:26:36	13.1519	2.7607	2.8845
11:26:46	13.1501	2.7601	2.3274
11:26:56	13.1406	2.7583	1.9132
11:27:06	13.1406	2.7577	1.8466
11:27:16	13.1388	2.7601	1.4955
11:27:26	13.1424	2.7613	1.6252
11:27:36	13.1346	2.7642	1.7264
11:27:46	13.1388	2.7684	1.5544
11:27:56	13.1466	2.772	1.3717
11:28:06	13.1466	2.775	1.4919
11:28:16	13.1483	2.7779	1.4782
11:28:26	13.1501	2.7833	1.3622
11:28:36	13.1579	2.7934	1.3259
11:28:46	13.1614	2.797	1.5163
11:28:56	13.1692	2.7982	1.5109
11:29:06	13.1751	2.7982	1.5621
11:29:16	13.1805	2.8005	1.6062
11:29:26	13.1829	2.8005	1.5318
11:29:36	13.1924	2.794	1.6651
11:29:46	13.1751	2.7744	1.4479
11:29:56	12.9805	3.0017	1.2074
11:30:06	13.1501	3.0701	1.53

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
11:30:16	13.4132	3.1255	1.3985
11:30:26	13.7149	3.204	0.845
11:30:36	14.8896	2.6506	0.3778
11:30:46	12.267	1.8906	0.2898
11:30:56	4.8852	0.7272	0.2231
11:31:06	1.6865	0.41	0.1892
11:31:16	1.07	0.3939	0.1696
11:31:26	0.7801	0.2898	0.1166
11:31:36	0.0422	0.1095	0.1089
11:31:46	-0.0131	0.1005	0.1124
11:31:56	-0.0304	0.0976	0.0976
11:32:06	-0.0381	0.0952	0.0821
11:32:16	-0.0477	0.0934	0.0571
11:32:26	-0.0512	0.0916	0.063
11:32:36	-0.0554	0.0916	0.0613
11:32:46	-0.0536	0.0922	0.0476
<b>N2 Zero</b>	<b>-0.0534</b>	<b>0.0918</b>	<b>0.0573</b>
11:32:56	-0.0554	0.0851	0.914
11:33:06	0.16	0.5433	0.0613
11:33:16	6.079	5.1988	-0.0435
11:33:26	9.0147	9.5265	-0.0417
11:33:36	9.7508	9.7657	-0.0572
11:33:46	9.8657	9.8502	-0.0512
11:33:56	9.902	9.8883	-0.0536
11:34:06	9.9169	9.9157	-0.0191
11:34:16	9.9306	9.9258	-0.0209
11:34:26	9.9377	9.9389	-0.0322
11:34:36	9.9419	9.9496	-0.0244
11:34:46	9.9437	9.9538	-0.0363
<b>O2/CO2 Bias</b>	<b>9.9411</b>	<b>9.947433</b>	<b>-0.03097</b>
11:34:56	9.9472	9.9496	1.1372
11:35:06	10.0698	8.6189	5.8904
11:35:16	12.4443	6.9836	14.0107
11:35:26	17.4683	1.2306	14.5064
11:35:36	19.3797	0.5516	11.4201
11:35:46	20.0243	0.2933	1.0015
11:35:56	17.703	2.8255	17.705
11:36:06	17.0242	0.9027	23.7555
11:36:16	19.5001	0.5248	24.3426
11:36:26	20.1391	0.213	22.3516
11:36:36	20.4135	0.1243	21.554
11:36:46	20.4709	0.11	21.2146

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:36:56	20.488	0.1005	21.2509
11:37:06	20.4956	0.0952	21.2816
11:37:16	20.5011	0.0916	21.3214
11:37:26	20.5052	0.0886	21.3481
11:37:36	20.5092	0.0797	21.3672
11:37:46	20.5107	0.0839	21.3748
11:37:56	20.5147	0.0815	21.3748
<b>THC Span Bias 21.1</b>	<b>20.51153</b>	<b>0.0817</b>	<b>21.37227</b>
11:38:06	20.5167	0.0797	21.3768
11:38:16	20.5167	0.0785	20.0051
11:38:26	20.5167	0.0785	6.0064
11:38:36	17.7014	2.9214	12.0039
11:38:46	19.2614	0.2082	12.5205
11:38:56	20.2076	0.1136	12.6276
11:39:06	20.3183	0.0934	12.6657
11:39:16	20.341	0.0839	12.6907
11:39:26	20.3506	0.0773	12.7115
<b>THC Mid Bias 12.9</b>	<b>20.33663</b>	<b>0.084867</b>	<b>12.6893</b>
11:39:36	20.3561	0.0749	12.7228
11:39:46	20.3546	0.0749	6.8556
11:39:56	20.343	0.2457	6.7509
11:40:06	16.8278	1.5092	7.4275
11:40:16	19.8621	0.16	7.6358
11:40:26	20.3984	0.1136	7.6834
11:40:36	20.4669	0.0976	7.712
11:40:46	20.486	0.0904	7.7251
11:40:56	20.4936	0.0862	7.7328
11:41:06	20.4996	0.0833	7.7388
<b>THC Low Bias 7.58</b>	<b>20.49307</b>	<b>0.086633</b>	<b>7.732233</b>
11:41:16	20.4976	0.0809	7.7293
11:41:26	20.5011	0.0809	1.236
11:41:36	19.5515	2.1983	2.0412
11:41:46	15.2425	3.4022	0.4409
11:41:56	9.4973	0.2779	0.1261
11:42:06	1.4538	0.1464	0.0857
11:42:16	0.5094	0.1273	0.0857
11:42:26	0.3052	0.1112	0.069
11:42:36	0.21	0.1029	0.0517
11:42:46	0.1547	0.0976	0.0476
11:42:56	0.1184	0.094	0.044
11:43:06	0.0916	0.0922	0.0404



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:43:16	0.0761	0.0922	0.6278
<b>Zero Bias</b>	<b>0.095367</b>	<b>0.0928</b>	<b>0.2374</b>
11:43:26	0.1529	0.3719	0.5284
11:43:36	9.5753	3.2766	0.4772
11:43:46	13.3102	3.454	0.4445
11:43:56	13.9821	3.5177	0.4195
11:44:06	14.138	3.5569	0.4005
11:44:16	14.1957	3.5831	0.3832
11:44:26	14.2243	3.6051	0.3511
11:44:36	14.2451	3.595	0.332
11:44:46	14.2546	3.6129	0.313
11:44:56	14.2642	3.6105	0.2993
11:45:06	14.2719	3.623	0.288
11:45:16	14.2529	3.6438	0.2993
11:45:26	14.2279	3.6545	0.2993
11:45:36	14.2261	3.6569	0.2922
11:45:46	14.2219	3.6641	0.2785
11:45:56	14.2261	3.6593	0.2445
11:46:06	14.2564	3.6402	0.2404
11:46:16	14.2909	3.6248	0.2231
11:46:26	14.3195	3.6093	0.2249
11:46:36	14.3421	3.6039	0.2178
11:46:46	14.3499	3.6016	0.2041
11:46:56	14.3731	3.5825	0.1928
11:47:06	14.457	3.5432	0.1815
11:47:16	14.5195	3.5813	0.1797
11:47:26	14.4165	3.7617	0.1892
11:47:36	14.1422	4.0402	0.1892
11:47:46	13.7928	4.3139	0.1963
11:47:56	13.4614	4.5978	0.1963
11:48:06	13.1733	4.8483	0.2041
11:48:16	12.946	5.0405	0.2041
11:48:26	12.7936	5.1727	0.1963
11:48:36	12.6562	5.3018	0.1963
11:48:46	12.4979	5.4274	0.2041
11:48:56	12.3068	5.5839	0.1963
11:49:06	12.1372	5.7029	0.1963
11:49:16	12.0022	5.7975	0.1815
11:49:26	11.9373	5.8291	0.1815
11:49:36	11.9105	5.8547	0.1565
11:49:46	11.8778	5.8927	0.1452
11:49:56	11.8361	5.9171	0.1696
11:50:06	11.7956	5.9505	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:50:16	11.729	5.9957	0.1963
11:50:26	11.6683	6.0356	0.1696
11:50:36	11.607	6.0713	0.1678
11:50:46	11.5766	6.0826	0.166
11:50:56	11.5386	6.1201	0.166
11:51:06	11.479	6.1843	0.166
11:51:16	11.3779	6.2843	0.1583
11:51:26	11.2636	6.3742	0.1678
11:51:36	11.1761	6.4396	0.1583
11:51:46	11.0785	6.5349	0.1678
11:51:56	10.972	6.6212	0.16
11:52:06	10.8345	6.7366	0.1547
11:52:16	10.7084	6.8241	0.1529
11:52:26	10.6227	6.8836	0.1487
11:52:36	10.5447	6.9431	0.1469
11:52:46	10.4566	6.9985	0.1505
11:52:56	10.4037	7.0371	0.1505
11:53:06	10.346	7.0758	0.1529
11:53:16	10.3097	7.0865	0.1529
11:53:26	10.2757	7.102	0.1529
11:53:36	10.262	7.1074	0.1529
11:53:46	10.2983	7.0699	0.141
11:53:56	10.3483	7.0312	0.1339
11:54:06	10.365	7.0258	0.1297
11:54:16	10.3406	7.0431	0.1243
11:54:26	10.3079	7.0615	0.1261
11:54:36	10.2662	7.0889	0.122
11:54:46	10.2162	7.1181	0.1184
11:54:56	10.1609	7.1502	0.1184
11:55:06	10.1133	7.1704	0.1339
11:55:16	10.0865	7.1752	0.1356
11:55:26	10.0829	7.1806	0.1339
11:55:36	10.0561	7.18	0.1297
11:55:46	10.0579	7.1829	0.1374
11:55:56	10.0103	7.2222	0.1434
11:56:06	9.9472	7.2478	0.1297
11:56:16	9.9133	7.2538	0.1374
11:56:26	9.8901	7.2674	0.1452
11:56:36	9.8883	7.2615	0.1392
11:56:46	9.8978	7.2597	0.1166
11:56:56	9.8901	7.2788	0.122
11:57:06	9.8615	7.3121	0.122
11:57:16	9.8294	7.3329	0.1184
11:57:26	9.7871	7.3704	0.1124

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:57:36	9.7491	7.3889	0.1089
11:57:46	9.7395	7.3942	0.1148
11:57:56	9.73	7.4073	0.1374
11:58:06	9.7128	7.4204	0.1434
11:58:16	9.6901	7.4269	0.1434
11:58:26	9.6842	7.4323	0.1374
11:58:36	9.6634	7.446	0.1356
11:58:46	9.6306	7.4692	0.1374
11:58:56	9.6175	7.4698	0.1243
11:59:06	9.6271	7.4466	0.1166
11:59:16	9.6747	7.4013	0.1202
11:59:26	9.7604	7.3365	0.1011
11:59:36	9.8407	7.2799	0.0934
11:59:46	9.9151	7.224	0.0934
11:59:56	9.999	7.1675	0.1053
12:00:06	10.0579	7.1318	0.1053
12:00:16	10.1097	7.0949	0.1029
12:00:26	10.1496	7.077	0.1106
12:00:36	10.1859	7.0407	0.1148
12:00:46	10.2549	6.9973	0.1148
12:00:56	10.2793	6.9842	0.1148
12:01:06	10.2853	6.9895	0.1148
12:01:16	10.2835	6.9883	0.0976
12:01:26	10.2662	7.0026	0.0934
12:01:36	10.2644	7.0026	0.1011
12:01:46	10.262	7.0092	0.1124
12:01:56	10.249	7.0187	0.1089
12:02:06	10.2472	7.0139	0.1071
12:02:16	10.287	6.9699	0.1011
12:02:26	10.3519	6.9395	0.1011
12:02:36	10.3805	6.9336	0.088
12:02:46	10.3596	6.9741	0.0952
12:02:56	10.287	7.0318	0.1011
12:03:06	10.2162	7.0877	0.1089
12:03:16	10.1365	7.146	0.1089
12:03:26	10.0793	7.1746	0.0952
12:03:36	10.1383	7.1044	0.0952
12:03:46	10.2353	7.0562	0.0993
12:03:56	10.2811	7.08	0.0993
12:04:06	10.2507	7.1562	0.1071
12:04:16	10.1686	7.2639	0.1148
12:04:26	10.1115	7.3401	0.1011
12:04:36	10.0561	7.3936	0.1106
12:04:46	9.9913	7.4156	0.1071

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:04:56	9.9835	7.4222	0.0934
12:05:06	10.0579	7.3531	0.0857
12:05:16	10.1591	7.2674	0.0898
12:05:26	10.2317	7.2436	0.0934
12:05:36	10.1954	7.2895	0.0898
12:05:46	10.0942	7.3537	0.0857
12:05:56	9.9954	7.3948	0.0993
12:06:06	9.9264	7.4162	0.0993
12:06:16	9.8996	7.4133	0.1029
12:06:26	9.9133	7.3811	0.1011
12:06:36	9.9609	7.3597	0.0934
12:06:46	9.9419	7.3942	0.0857
12:06:56	9.8865	7.4353	0.0785
12:07:06	9.8086	7.4924	0.0785
12:07:16	9.7455	7.5156	0.0785
12:07:26	9.7568	7.468	0.0648
12:07:36	9.8538	7.399	0.063
12:07:46	9.9419	7.3508	0.063
12:07:56	9.9895	7.3531	0.063
12:08:06	9.974	7.3883	0.0553
12:08:16	9.9437	7.4162	0.0553
12:08:26	9.921	7.4341	0.063
12:08:36	9.9228	7.4192	0.0553
12:08:46	9.9835	7.365	0.063
12:08:56	10.0752	7.299	0.0595
12:09:06	10.1686	7.243	0.0553
12:09:16	10.2109	7.2395	0.0666
12:09:26	10.1514	7.2823	0.0595
12:09:36	10.1037	7.2883	0.0708
12:09:46	10.1002	7.2663	0.0666
12:09:56	10.146	7.2181	0.063
12:10:06	10.2109	7.1716	0.063
12:10:16	10.2454	7.1746	0.063
12:10:26	10.2204	7.2079	0.0613
12:10:36	10.1609	7.2651	0.0553
12:10:46	10.0829	7.321	0.0571
12:10:56	9.9954	7.3662	0.0571
12:11:06	9.9591	7.3781	0.0553
12:11:16	9.98	7.3502	0.063
12:11:26	10.0353	7.3216	0.0613
12:11:36	10.0371	7.3752	0.063
12:11:46	9.9859	7.4448	0.0708
12:11:56	9.8943	7.5114	0.0785
12:12:06	9.8407	7.5263	0.0839

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:12:16	9.8788	7.4829	0.1106
12:12:26	9.9817	7.4073	0.1374
12:12:36	10.1097	7.3258	0.1374
12:12:46	10.1877	7.299	0.1452
12:12:56	10.1704	7.3299	0.1583
12:13:06	10.127	7.3537	0.16
12:13:16	10.0942	7.3668	0.166
12:13:26	10.0811	7.352	0.1678
12:13:36	10.1228	7.3067	0.1737
12:13:46	10.1841	7.2627	0.1487
12:13:56	10.1936	7.2913	0.1678
12:14:06	10.1228	7.3537	0.1797
12:14:16	10.0145	7.4353	0.1737
12:14:26	9.8925	7.5043	0.1719
12:14:36	9.8157	7.5204	0.1737
12:14:46	9.8371	7.4841	0.1737
12:14:56	9.883	7.4466	0.166
12:15:06	9.8996	7.446	0.1642
12:15:16	9.8728	7.4728	0.1565
12:15:26	9.8139	7.5108	0.1529
12:15:36	9.7854	7.4989	0.1452
12:15:46	9.7871	7.4787	0.1529
12:15:56	9.8235	7.4329	0.1452
12:16:06	9.8943	7.3692	0.1374
12:16:16	9.9574	7.3436	0.1374
12:16:26	9.9591	7.3531	0.1315
12:16:36	9.9341	7.3799	0.1315
12:16:46	9.9282	7.3811	0.1297
12:16:56	9.9282	7.3865	0.1452
12:17:06	9.9359	7.3894	0.1529
12:17:16	9.9282	7.415	0.1374
12:17:26	9.8996	7.4371	0.1374
12:17:36	9.8657	7.4621	0.1297
12:17:46	9.877	7.4287	0.1297
12:17:56	9.9341	7.3829	0.1392
12:18:06	9.9669	7.3811	0.1392
12:18:16	9.9306	7.4257	0.1297
12:18:26	9.833	7.4966	0.1106
12:18:36	9.7318	7.5614	0.1148
12:18:46	9.6348	7.6126	0.1089
12:18:56	9.5812	7.6138	0.0934
12:19:06	9.5967	7.5775	0.0993
12:19:16	9.7128	7.4763	0.0934
12:19:26	9.8467	7.3853	0.0952

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:19:36	9.9401	7.343	0.0934
12:19:46	9.9151	7.3966	0.0934
12:19:56	9.8276	7.4543	0.0785
12:20:06	9.7871	7.468	0.0952
12:20:16	9.7699	7.465	0.1011
12:20:26	9.8086	7.4216	0.1071
12:20:36	9.9115	7.3293	0.0898
12:20:46	10.0698	7.2151	0.1071
12:20:56	10.2162	7.1258	0.1029
12:21:06	10.287	7.1157	0.1071
12:21:16	10.243	7.1675	0.1106
12:21:26	10.1668	7.2222	0.1184
12:21:36	10.077	7.2728	0.1148
12:21:46	10.0145	7.3079	0.122
12:21:56	9.9645	7.3258	0.1297
12:22:06	9.9817	7.3014	0.1148
12:22:16	10.0008	7.2907	0.1148
12:22:26	9.9835	7.3168	0.1148
12:22:36	9.9514	7.3299	0.0934
12:22:46	9.9514	7.318	0.0934
12:22:56	9.9895	7.2734	0.1071
12:23:06	10.005	7.2788	0.1011
12:23:16	9.955	7.321	0.1148
12:23:26	9.9228	7.3406	0.1243
12:23:36	9.8961	7.3514	0.1297
12:23:46	9.9359	7.3103	0.1297
12:23:56	9.9954	7.268	0.1261
12:24:06	10.0603	7.221	0.1106
12:24:16	10.127	7.1812	0.1089
12:24:26	10.1555	7.1681	0.1011
12:24:36	10.1573	7.1651	0.0976
12:24:46	10.1365	7.1627	0.0993
12:24:56	10.1442	7.1455	0.0976
12:25:06	10.1478	7.1383	0.0993
12:25:16	10.1365	7.1615	0.0934
12:25:26	10.0674	7.2204	0.0726
12:25:36	9.9764	7.2788	0.063
12:25:46	9.902	7.3168	0.0571
12:25:56	9.8371	7.352	0.0553
12:26:06	9.7913	7.3674	0.0708
12:26:16	9.7967	7.3555	0.0743
12:26:26	9.8139	7.346	0.0666
12:26:36	9.8235	7.3448	0.069
12:26:46	9.8276	7.3395	0.0571

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:26:56	9.8371	7.3383	0.0648
12:27:06	9.8484	7.3186	0.0613
12:27:16	9.8502	7.3436	0.0666
12:27:26	9.7758	7.4168	0.0761
12:27:36	9.6997	7.4567	0.088
12:27:46	9.6652	7.4704	0.0857
12:27:56	9.6574	7.4692	0.0821
12:28:06	9.6955	7.44	0.0857
12:28:16	9.73	7.4222	0.0934
12:28:26	9.7723	7.3924	0.0916
12:28:36	9.7931	7.3883	0.0934
12:28:46	9.8044	7.3805	0.0857
12:28:56	9.8443	7.3436	0.0839
12:29:06	9.9074	7.2907	0.0898
12:29:16	9.9782	7.2615	0.069
12:29:26	10.0026	7.2591	0.063
12:29:36	10.0121	7.2597	0.0476
12:29:46	10.0294	7.2365	0.0404
12:29:56	10.0716	7.1978	0.0571

**Start Run 3B**

12:30:06	10.1192	7.1704	0.0476
12:30:16	10.146	7.1597	0.0476
12:30:26	10.1347	7.1716	0.0476
12:30:36	10.0942	7.2103	0.0476
12:30:46	10.0335	7.2407	0.0404
12:30:56	9.9859	7.2704	0.044
12:31:06	9.9514	7.2913	0.0476
12:31:16	9.9359	7.2853	0.0571
12:31:26	9.9454	7.2918	0.0666
12:31:36	9.9187	7.3139	0.0708
12:31:46	9.8901	7.3383	0.0708
12:31:56	9.8371	7.3781	0.0708
12:32:06	9.8062	7.3787	0.0708
12:32:16	9.8276	7.3716	0.1011
12:32:26	9.8502	7.352	0.1124
12:32:36	9.9091	7.3097	0.0934
12:32:46	9.9835	7.2544	0.0785
12:32:56	10.077	7.1859	0.1071
12:33:06	10.1442	7.1615	0.1106
12:33:16	10.1478	7.1972	0.1166
12:33:26	10.1097	7.2288	0.1202
12:33:36	10.1252	7.2121	0.1243
12:33:46	10.1764	7.1746	0.122

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:33:56	10.2394	7.1341	0.1053
12:34:06	10.2948	7.1014	0.1089
12:34:16	10.3216	7.0931	0.0993
12:34:26	10.3174	7.1026	0.1029
12:34:36	10.2966	7.1133	0.0934
12:34:46	10.2948	7.0919	0.0993
12:34:56	10.3311	7.0639	0.1106
12:35:06	10.3614	7.0532	0.1089
12:35:16	10.3519	7.0824	0.0916
12:35:26	10.3025	7.1353	0.0821
12:35:36	10.2412	7.1746	0.0785
12:35:46	10.2031	7.1996	0.0708
12:35:56	10.146	7.2347	0.0708
12:36:06	10.0674	7.277	0.0708
12:36:16	10.0145	7.2859	0.0785
12:36:26	10.0353	7.2544	0.069
12:36:36	10.0793	7.2222	0.0785
12:36:46	10.1079	7.2246	0.0857
12:36:56	10.0865	7.2669	0.0976
12:37:06	10.0258	7.3287	0.1011
12:37:16	9.9817	7.3573	0.1106
12:37:26	9.9514	7.3746	0.0785
12:37:36	9.9437	7.3764	0.0839
12:37:46	9.9645	7.3573	0.0857
12:37:56	10.0181	7.3085	0.0934
12:38:06	10.0829	7.2663	0.0857
12:38:16	10.1323	7.249	0.0839
12:38:26	10.1347	7.2615	0.0708
12:38:36	10.0924	7.2841	0.0648
12:38:46	10.0621	7.2782	0.0708
12:38:56	10.077	7.2478	0.0761
12:39:06	10.0984	7.2246	0.0648
12:39:16	10.1347	7.1806	0.063
12:39:26	10.1936	7.1383	0.0648
12:39:36	10.2335	7.1175	0.0666
12:39:46	10.2299	7.1371	0.0708
12:39:56	10.165	7.2002	0.0785
12:40:06	10.0865	7.2484	0.0785
12:40:16	10.0121	7.2942	0.0726
12:40:26	9.9764	7.3043	0.063
12:40:36	9.9764	7.3026	0.0648
12:40:46	9.9835	7.2918	0.0743
12:40:56	10.0216	7.2645	0.0916
12:41:06	10.0579	7.2478	0.0916



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:41:16	10.0526	7.3014	0.0743
12:41:26	9.955	7.3996	0.0857
12:41:36	9.8657	7.4543	0.088
12:41:46	9.8026	7.4972	0.0708
12:41:56	9.6919	7.5704	0.0708
12:42:06	9.5432	7.662	0.0708
12:42:16	9.4098	7.7435	0.0666
12:42:26	9.2724	7.8197	0.0952
12:42:36	9.1522	7.8334	0.1029
12:42:46	9.9306	7.2663	0.0708
12:42:56	9.4705	7.7483	0.0666
12:43:06	9.0433	8.0137	0.063
12:43:16	8.8986	8.1708	0.0708
12:43:26	8.9082	8.1536	0.069
12:43:36	9.0302	8.0738	0.0708
12:43:46	9.1462	8.0143	0.0708
12:43:56	9.2188	7.9762	0.0785
12:44:06	9.2438	7.9834	0.0821
12:44:16	9.217	8.0143	0.0952
12:44:26	9.1694	8.0613	0.0857
12:44:36	9.1599	7.9453	0.1071
12:44:46	9.0718	7.9524	0.1184
12:44:56	8.9992	8.1	0.122
12:45:06	9.0891	8.0952	0.1202
12:45:16	9.2914	7.9703	0.1148
12:45:26	9.5318	7.8179	0.1089
12:45:36	9.6824	7.7626	0.1089
12:45:46	9.7318	7.7537	0.1053
12:45:56	9.7092	7.7786	0.0976
12:46:06	9.6955	7.7781	0.0898
12:46:16	9.7092	7.79	0.0785
12:46:26	9.7015	7.7858	0.0857
12:46:36	9.705	7.7673	0.1011
12:46:46	9.7336	7.7328	0.1053
12:46:56	9.7282	7.6781	0.0934
12:47:06	9.6669	7.5614	0.0708
12:47:16	9.6556	7.6977	0.0517
12:47:26	9.6669	7.7358	0.0458
12:47:36	9.7241	7.7001	0.0327
12:47:46	9.8371	7.6186	0.0309
12:47:56	9.9669	7.5263	0.0285
12:48:06	10.1157	7.4138	0.0249
12:48:16	10.2906	7.2811	0.0249
12:48:26	10.4394	7.1883	0.0249

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:48:36	10.5007	7.1615	0.0404
12:48:46	10.5043	7.1627	0.0476
12:48:56	10.4781	7.1835	0.0404
12:49:06	10.4418	7.1913	0.0285
12:49:16	10.4168	7.1895	0.0172
12:49:26	10.4245	7.1627	0.0172
12:49:36	10.4703	7.1139	0.0154
12:49:46	10.556	7.0449	0.0113
12:49:56	10.6209	7.005	0.0095
12:50:06	10.6322	7.0264	0.0059
12:50:16	10.5864	7.0675	0.0095
12:50:26	10.5007	7.133	0.0136
12:50:36	10.3959	7.1978	0.0249
12:50:46	10.3061	7.2377	0.0327
12:50:56	10.2811	7.252	0.0458
12:51:06	10.3025	7.2264	0.0517
12:51:16	10.3364	7.2097	0.0571
12:51:26	10.3025	7.2692	0.0595
12:51:36	10.2049	7.3734	0.0404
12:51:46	10.0448	7.5007	0.0595
12:51:56	9.8883	7.5995	0.0476
12:52:06	9.7604	7.668	0.0785
12:52:16	9.6919	7.6989	0.0761
12:52:26	9.6693	7.7019	0.0857
12:52:36	9.711	7.6513	0.0785
12:52:46	9.7723	7.6055	0.0708
12:52:56	9.7854	7.6209	0.063
12:53:06	9.7169	7.684	0.0648
12:53:16	9.6288	7.7412	0.0517
12:53:26	9.5795	7.762	0.0708
12:53:36	9.5259	7.8025	0.0803
12:53:46	9.5104	7.7864	0.1011
12:53:56	9.5604	7.7406	0.1053
12:54:06	9.6461	7.6805	0.0993
12:54:16	9.7074	7.6513	0.1011
12:54:26	9.7032	7.6882	0.0934
12:54:36	9.6425	7.7453	0.0785
12:54:46	9.5527	7.8179	0.0857
12:54:56	9.461	7.8751	0.0857
12:55:06	9.3979	7.9048	0.0785
12:55:16	9.4057	7.8804	0.0726
12:55:26	9.4212	7.8632	0.0726
12:55:36	9.4842	7.8114	0.0708
12:55:46	9.5467	7.7804	0.0708

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:55:56	9.4955	7.8376	0.063
12:56:06	9.3676	7.9304	0.063
12:56:16	9.242	8.0084	0.0571
12:56:26	9.154	8.0488	0.0571
12:56:36	9.1159	8.0589	0.063
12:56:46	9.1236	8.0363	0.0708
12:56:56	9.198	7.9625	0.0743
12:57:06	9.3045	7.8983	0.0785
12:57:16	9.3581	7.8751	0.0571
12:57:26	9.3408	7.9078	0.0476
12:57:36	9.2742	7.9667	0.0327
12:57:46	9.1807	8.0345	0.0327
12:57:56	9.0891	8.0839	0.0327
12:58:06	9.045	8.0768	0.0404
12:58:16	9.0813	8.0506	0.0476
12:58:26	9.1272	8.003	0.0553
12:58:36	9.1748	7.9679	0.0535
12:58:46	9.2188	7.9518	0.0476
12:58:56	9.2301	7.9756	0.0553
12:59:06	9.1903	8.0351	0.0553
12:59:16	9.173	8.0453	0.0571
12:59:26	9.1885	8.0572	0.0571
12:59:36	9.2206	8.0375	0.0648
12:59:46	9.2682	8.0084	0.0648
12:59:56	9.3426	7.9548	0.0517
13:00:06	9.4265	7.8887	0.0553
13:00:16	9.4896	7.8655	0.0476
13:00:26	9.4801	7.8911	0.0571
13:00:36	9.4723	7.8977	0.0595
13:00:46	9.4461	7.9048	0.0571
13:00:56	9.461	7.8899	0.0595
13:01:06	9.4914	7.8596	0.0648
13:01:16	9.5241	7.8376	0.044
13:01:26	9.5717	7.8084	0.0476
13:01:36	9.6044	7.8019	0.0595
13:01:46	9.5699	7.8167	0.0553
13:01:56	9.5812	7.7888	0.0553
13:02:06	9.6479	7.7132	0.0476
13:02:16	9.7931	7.6162	0.063
13:02:26	9.9133	7.5358	0.0708
13:02:36	10.0085	7.4989	0.063
13:02:46	10.024	7.5293	0.0571
13:02:56	9.9782	7.584	0.0476
13:03:06	9.98	7.5727	0.044

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:03:16	10.0317	7.5269	0.0595
13:03:26	10.121	7.4781	0.0571
13:03:36	10.2013	7.4103	0.0648
13:03:46	10.3293	7.3371	0.0708
13:03:56	10.415	7.2829	0.0708
13:04:06	10.4471	7.2841	0.0708
13:04:16	10.3942	7.3401	0.0553
13:04:26	10.2906	7.418	0.069
13:04:36	10.2013	7.4585	0.0595
13:04:46	10.1633	7.4722	0.0476
13:04:56	10.1537	7.4763	0.0476
13:05:06	10.1996	7.424	0.0404
13:05:16	10.2853	7.3621	0.0404
13:05:26	10.3519	7.3293	0.0404
13:05:36	10.371	7.3276	0.0327
13:05:46	10.3692	7.3514	0.0327
13:05:56	10.3311	7.4049	0.0476
13:06:06	10.2739	7.4591	0.0363
13:06:16	10.2067	7.5049	0.0553
13:06:26	10.2109	7.4936	0.0571
13:06:36	10.2811	7.4341	0.063
13:06:46	10.3692	7.3781	0.0571
13:06:56	10.4662	7.3049	0.0476
13:07:06	10.5197	7.277	0.0595
13:07:16	10.4894	7.3162	0.0595
13:07:26	10.3959	7.3734	0.0785
13:07:36	10.3233	7.4115	0.0898
13:07:46	10.2966	7.4127	0.0976
13:07:56	10.3251	7.3746	0.1011
13:08:06	10.4531	7.2758	0.0934
13:08:16	10.562	7.2085	0.0857
13:08:26	10.6459	7.1502	0.0785
13:08:36	10.6626	7.1859	0.0857
13:08:46	10.5501	7.2871	0.0666
13:08:56	10.4281	7.3567	0.0803
13:09:06	10.3864	7.3722	0.0726
13:09:16	10.4608	7.2865	0.0708
13:09:26	10.6191	7.1699	0.0648
13:09:36	10.8232	7.0371	0.063
13:09:46	10.9946	6.9288	0.0761
13:09:56	11.1035	6.8693	0.0476
13:10:06	11.1208	6.8931	0.0571
13:10:16	11.0309	6.986	0.0648
13:10:26	10.8976	7.0824	0.063

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:10:36	10.7905	7.1544	0.0708
13:10:46	10.7274	7.1806	0.0571
13:10:56	10.7465	7.1544	0.0761
13:11:06	10.8381	7.0806	0.0785
13:11:16	10.9601	6.9973	0.0761
13:11:26	11.0613	6.9473	0.069
13:11:36	11.0785	6.9675	0.063
13:11:46	10.9601	7.0907	0.0726
13:11:56	10.7697	7.2079	0.0821
13:12:06	10.6554	7.2627	0.1011
13:12:16	10.5525	7.3133	0.1011
13:12:26	10.5406	7.2889	0.0934
13:12:36	10.6459	7.1978	0.1011
13:12:46	10.7697	7.1103	0.1124
13:12:56	10.8667	7.0532	0.0934
13:13:06	10.9012	7.0633	0.0934
13:13:16	10.8268	7.1383	0.0934
13:13:26	10.7161	7.2133	0.0785
13:13:36	10.6364	7.252	0.0934
13:13:46	10.6036	7.2615	0.0993
13:13:56	10.6209	7.2288	0.0934
13:14:06	10.7179	7.1556	0.0934
13:14:16	10.8113	7.077	0.0821
13:14:26	10.8631	7.0639	0.0708
13:14:36	10.7965	7.1556	0.0571
13:14:46	10.634	7.2829	0.0517
13:14:56	10.4108	7.4424	0.0476
13:15:06	10.1746	7.5894	0.0476
13:15:16	9.9895	7.6727	0.0404
13:15:26	9.921	7.6918	0.0249
13:15:36	9.9038	7.6888	0.0095
13:15:46	9.9377	7.6644	0.0232
13:15:56	9.9306	7.665	0.0249
13:16:06	9.9419	7.6376	0.0345
13:16:16	9.9454	7.6412	0.0345
13:16:26	9.9496	7.6263	0.0327
13:16:36	9.9609	7.5864	0.0404
13:16:46	10.0639	7.5001	0.0404
13:16:56	10.1823	7.4204	0.0327
13:17:06	10.2906	7.3668	0.0327
13:17:16	10.3043	7.4079	0.0327
13:17:26	10.2222	7.4978	0.0249
13:17:36	10.1442	7.5477	0.0404
13:17:46	10.096	7.5799	0.0327

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:17:56	10.0865	7.5799	0.0345
13:18:06	10.1496	7.5222	0.0476
13:18:16	10.2603	7.4513	0.0404
13:18:26	10.371	7.3829	0.0232
13:18:36	10.4358	7.3704	0.0095
13:18:46	10.4186	7.415	0.0232
13:18:56	10.3311	7.4817	0.0249
13:19:06	10.2013	7.5799	0.0249
13:19:16	10.0924	7.6436	0.0309
13:19:26	10.0466	7.6442	0.019
13:19:36	10.102	7.5936	0.0172
13:19:46	10.1823	7.5382	0.0172
13:19:56	10.2811	7.465	0.0172
13:20:06	10.365	7.4347	0.0249
13:20:16	10.3614	7.4722	0.0172
13:20:26	10.3138	7.5192	0.0249
13:20:36	10.2376	7.5763	0.0309
13:20:46	10.1764	7.5924	0.0327
13:20:56	10.224	7.5323	0.0309
13:21:06	10.409	7.3728	0.0327
13:21:16	10.6072	7.2454	0.0404
13:21:26	10.7792	7.1246	0.044
13:21:36	10.8881	7.0937	0.0476
13:21:46	10.8554	7.1425	0.0553
13:21:56	10.7298	7.23	0.0476
13:22:06	10.581	7.3139	0.0476
13:22:16	10.4608	7.3728	0.0476
13:22:26	10.3995	7.3859	0.0476
13:22:36	10.4513	7.3264	0.0571
13:22:46	10.5923	7.2109	0.0613
13:22:56	10.7256	7.149	0.0476
13:23:06	10.7239	7.205	0.0535
13:23:16	10.6072	7.3133	0.0571
13:23:26	10.4626	7.4246	0.0708
13:23:36	10.3097	7.5341	0.0708
13:23:46	10.2144	7.5745	0.0916
13:23:56	10.2281	7.5323	0.0934
13:24:06	10.3692	7.4204	0.1071
13:24:16	10.537	7.3139	0.1148
13:24:26	10.6572	7.252	0.1011
13:24:36	10.7084	7.2555	0.1071
13:24:46	10.6512	7.3085	0.1089
13:24:56	10.5786	7.349	0.0934
13:25:06	10.512	7.3906	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:25:16	10.4971	7.3758	0.0952
13:25:26	10.5525	7.3127	0.0934
13:25:36	10.678	7.2276	0.0708
13:25:46	10.8042	7.127	0.0666
13:25:56	10.8786	7.0949	0.0761
13:26:06	10.8649	7.1318	0.0708
13:26:16	10.7756	7.2044	0.0708
13:26:26	10.6989	7.249	0.0708
13:26:36	10.6435	7.2865	0.0743
13:26:46	10.6132	7.2948	0.0839
13:26:56	10.6626	7.2365	0.0839
13:27:06	10.7774	7.1609	0.0785
13:27:16	10.8708	7.099	0.0821
13:27:26	10.9375	7.0615	0.0743
13:27:36	10.9375	7.0853	0.0785
13:27:46	10.85	7.1675	0.0648
13:27:56	10.7393	7.2538	0.0571
13:28:06	10.6477	7.3043	0.0517
13:28:16	10.6304	7.3014	0.0571
13:28:26	10.6893	7.2353	0.0476
13:28:36	10.7923	7.1621	0.0404
13:28:46	10.8667	7.1258	0.0535
13:28:56	10.8744	7.1401	0.0327
13:29:06	10.7488	7.2544	0.044
13:29:16	10.562	7.3716	0.0571
13:29:26	10.4055	7.4406	0.0571
13:29:36	10.3537	7.4382	0.0517
13:29:46	10.3977	7.3752	0.0571
13:29:56	10.4686	7.327	0.0648
13:30:06	10.4947	7.346	0.0708
13:30:16	10.4816	7.3758	0.0708
13:30:26	10.4203	7.4287	0.0785
13:30:36	10.3977	7.4222	0.0743
13:30:46	10.3977	7.4127	0.0785
13:30:56	10.4453	7.3555	0.0648
13:31:06	10.5233	7.3234	0.0666
13:31:16	10.5465	7.3264	0.063
13:31:26	10.5162	7.3543	0.0708
13:31:36	10.5179	7.3448	0.0708
13:31:46	10.5179	7.352	0.0708
13:31:56	10.4894	7.3645	0.0476
13:32:06	10.4781	7.3674	0.0517
13:32:16	10.4816	7.3555	0.0708
13:32:26	10.493	7.3401	0.0708

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
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**Start Calibration**

13:32:36	10.493	7.3406	0.0708
13:32:46	10.5007	7.3216	0.1011
13:32:56	10.5257	7.2936	0.3642
13:33:06	7.8858	1.8383	0.0267
13:33:16	0.8242	0.36	0.0327
13:33:26	0.1797	0.2803	0.0249
13:33:36	0.0952	0.2398	0.0172
13:33:46	0.0517	0.2071	0.0422
13:33:56	0.0249	0.1862	0.0363
13:34:06	0.0059	0.1731	0.0285
13:34:16	-0.0078	0.1612	0.0249
13:34:26	-0.0209	0.1511	0.0208

**Zero Bias**

	<b>-0.0076</b>	<b>0.1618</b>	<b>0.024733</b>
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13:34:36	-0.0244	0.1464	0.0993
13:34:46	-0.0286	0.1487	0.8319
13:34:56	6.079	3.235	11.3874
13:35:06	17.0146	0.2517	12.292
13:35:16	19.6124	0.1803	12.4312
13:35:26	19.9387	0.1547	12.5151
13:35:36	20.053	0.1404	12.5473
13:35:46	20.1179	0.1303	12.5455
13:35:56	20.1582	0.1249	12.561
13:36:06	20.1904	0.1202	12.5741

**THC Bias**

	<b>20.1555</b>	<b>0.125133</b>	<b>12.5602</b>
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13:36:16	20.2076	0.1184	12.5877
13:36:26	20.2191	0.1166	7.346
13:36:36	20.198	0.3166	0.8926
13:36:46	14.1457	6.4254	0.6218
13:36:56	11.5975	6.786	0.532

**Resume Run 3B**

13:37:06	11.3249	6.8509	0.4558
13:37:16	11.2386	6.9235	0.4082
13:37:26	11.1131	7.0318	0.3665
13:37:36	10.9738	7.1193	0.3493
13:37:46	10.8536	7.1877	0.3189
13:37:56	10.8	7.1865	0.3035
13:38:06	10.8554	7.1211	0.2767
13:38:16	11.0196	6.986	0.2707
13:38:26	11.1779	6.8747	0.2689



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:38:36	11.2922	6.7985	0.2559
13:38:46	11.3225	6.8181	0.2559
13:38:56	11.2142	6.9134	0.2445
13:39:06	11.0976	6.9776	0.2249
13:39:16	10.9869	7.049	0.21
13:39:26	10.9149	7.0824	0.2154
13:39:36	10.9411	7.0312	0.2118
13:39:46	11.0387	6.9568	0.1832
13:39:56	11.1571	6.8675	0.1678
13:40:06	11.2196	6.8693	0.166
13:40:16	11.1381	6.9592	0.1832
13:40:26	10.9583	7.0949	0.191
13:40:36	10.7524	7.2216	0.21
13:40:46	10.6114	7.2728	0.1928
13:40:56	10.5864	7.2478	0.1815
13:41:06	10.6935	7.1484	0.1678
13:41:16	10.8113	7.0687	0.166
13:41:26	10.9315	6.983	0.1678
13:41:36	11.0101	6.9514	0.16
13:41:46	10.9798	7.0127	0.166
13:41:56	10.8786	7.0746	0.1583
13:42:06	10.7715	7.146	0.1452
13:42:16	10.6685	7.1937	0.1392
13:42:26	10.6685	7.1591	0.1452
13:42:36	10.7542	7.0883	0.141
13:42:46	10.9071	6.9669	0.1243
13:42:56	11.0405	6.8997	0.1071
13:43:06	11.0518	6.9241	0.1011
13:43:16	10.9339	7.0365	0.088
13:43:26	10.7066	7.1937	0.0993
13:43:36	10.5025	7.3073	0.0857
13:43:46	10.3727	7.3585	0.0857
13:43:56	10.3311	7.368	0.0934
13:44:06	10.371	7.3264	0.1106
13:44:16	10.4418	7.2722	0.1106
13:44:26	10.4971	7.2502	0.1011
13:44:36	10.4876	7.2776	0.0993
13:44:46	10.3745	7.3841	0.0934
13:44:56	10.1996	7.4745	0.1011
13:45:06	10.0466	7.5698	0.0993
13:45:16	9.9532	7.6001	0.1071
13:45:26	9.9514	7.5668	0.1106
13:45:36	10.0544	7.4817	0.1261
13:45:46	10.1918	7.3894	0.1184

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:45:56	10.3043	7.3401	0.1089
13:46:06	10.3198	7.3567	0.1071
13:46:16	10.2394	7.4377	0.1029
13:46:26	10.1002	7.5162	0.1011
13:46:36	9.9817	7.5775	0.0934
13:46:46	9.9115	7.5977	0.0934
13:46:56	9.8865	7.5805	0.1089
13:47:06	9.9627	7.5192	0.0743
13:47:16	10.0466	7.465	0.0857
13:47:26	10.096	7.4513	0.0743
13:47:36	10.077	7.4936	0.0761
13:47:46	9.9591	7.59	0.0785
13:47:56	9.852	7.6751	0.0821
13:48:06	9.7145	7.765	0.0743
13:48:16	9.6193	7.8078	0.0821
13:48:26	9.6288	7.7763	0.0857
13:48:36	9.7128	7.7221	0.0993
13:48:46	9.8217	7.6459	0.0976
13:48:56	9.9038	7.6073	0.0857
13:49:06	9.9133	7.6352	0.0952
13:49:16	9.8562	7.6739	0.1029
13:49:26	9.8157	7.7001	0.122
13:49:36	9.7794	7.7084	0.122
13:49:46	9.7741	7.6989	0.1089
13:49:56	9.852	7.6168	0.1089
13:50:06	9.9574	7.5466	0.1089
13:50:16	10.0847	7.4674	0.1089
13:50:26	10.1764	7.4353	0.1011
13:50:36	10.1781	7.4597	0.1011
13:50:46	10.1365	7.4859	0.0934
13:50:56	10.096	7.5186	0.0898
13:51:06	10.0353	7.5591	0.0785
13:51:16	10.0216	7.5454	0.0743
13:51:26	10.0907	7.4918	0.0708
13:51:36	10.1686	7.4448	0.0708
13:51:46	10.2549	7.4103	0.0708
13:51:56	10.2739	7.4406	0.0708
13:52:06	10.1996	7.5186	0.0708
13:52:16	10.102	7.5989	0.0785
13:52:26	9.9972	7.6721	0.0708
13:52:36	9.9782	7.6721	0.0785
13:52:46	10.0258	7.6346	0.0785
13:52:56	10.1764	7.5275	0.088
13:53:06	10.3442	7.4192	0.0839

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:53:16	10.5084	7.3371	0.0821
13:53:26	10.5751	7.3276	0.0857
13:53:36	10.5465	7.3704	0.0857
13:53:46	10.4876	7.4222	0.0857
13:53:56	10.4037	7.4638	0.0934
13:54:06	10.39	7.449	0.0976
13:54:16	10.4721	7.3698	0.1011
13:54:26	10.6019	7.2799	0.0993
13:54:36	10.7203	7.1996	0.0934
13:54:46	10.8191	7.1431	0.0857
13:54:56	10.8363	7.1627	0.0785
13:55:06	10.7661	7.2234	0.0785
13:55:16	10.678	7.2776	0.0666
13:55:26	10.6054	7.3121	0.0821
13:55:36	10.5882	7.2871	0.0785
13:55:46	10.6685	7.221	0.0785
13:55:56	10.7697	7.1508	0.0785
13:56:06	10.8613	7.0889	0.0761
13:56:16	10.9089	7.0919	0.0708
13:56:26	10.8268	7.1627	0.0648
13:56:36	10.6435	7.2978	0.0708
13:56:46	10.4394	7.4287	0.0708
13:56:56	10.2507	7.5168	0.0785
13:57:06	10.1805	7.5263	0.0785
13:57:16	10.2376	7.4626	0.0708
13:57:26	10.3293	7.3966	0.0934
13:57:36	10.4132	7.3514	0.0976
13:57:46	10.4453	7.3621	0.0934
13:57:56	10.3942	7.4323	0.1011
13:58:06	10.3001	7.4918	0.1011
13:58:16	10.2204	7.5382	0.1089
13:58:26	10.1859	7.5251	0.1089
13:58:36	10.2335	7.4704	0.0976
13:58:46	10.3251	7.3894	0.0821
13:58:56	10.4299	7.2996	0.0821
13:59:06	10.5733	7.1907	0.0857
13:59:16	10.6745	7.1538	0.0743
13:59:26	10.6322	7.2157	0.0708
13:59:36	10.5215	7.302	0.0571
13:59:46	10.384	7.3918	0.0476
13:59:56	10.3061	7.4097	0.0404
14:00:06	10.287	7.3948	0.0327
14:00:16	10.3632	7.3246	0.0345
14:00:26	10.4608	7.2597	0.0404

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:00:36	10.5542	7.2079	0.0476
14:00:46	10.5691	7.227	0.0404
14:00:56	10.5162	7.2841	0.0404
14:01:06	10.4281	7.3514	0.0327
14:01:16	10.365	7.3853	0.0404
14:01:26	10.3216	7.4085	0.0458
14:01:36	10.3156	7.4055	0.0404
14:01:46	10.3501	7.3734	0.0404
14:01:56	10.4376	7.3032	0.0476
14:02:06	10.5328	7.2323	0.0422
14:02:16	10.6667	7.1318	0.0404
14:02:26	10.7965	7.0473	0.0476
14:02:36	10.8786	7.0098	0.0553
14:02:46	10.8899	7.0377	0.0517
14:02:56	10.8209	7.0972	0.0517
14:03:06	10.7221	7.1704	0.0571
14:03:16	10.6649	7.1806	0.063
14:03:26	10.6935	7.1508	0.063
14:03:36	10.7965	7.0645	0.0571
14:03:46	10.9089	6.9913	0.0404
14:03:56	10.9869	6.9532	0.044
14:04:06	11.0405	6.9342	0.044
14:04:16	11.0595	6.9372	0.063
14:04:26	11.0214	7.005	0.0803
14:04:36	10.9244	7.1014	0.0934
14:04:46	10.8	7.2026	0.1011
14:04:56	10.7203	7.2514	0.1106
14:05:06	10.6989	7.2865	0.1297
14:05:16	10.6989	7.3002	0.1452
14:05:26	10.7542	7.2692	0.1624
14:05:36	10.8572	7.2181	0.166
14:05:46	10.972	7.1365	0.1868
14:05:56	11.0827	7.083	0.1678
14:06:06	11.0827	7.1288	0.16
14:06:16	10.9774	7.221	0.1529
14:06:26	10.8857	7.2674	0.1452
14:06:36	10.8476	7.2799	0.1583
14:06:46	10.8708	7.2514	0.1547
14:06:56	10.9167	7.2067	0.1547
14:07:06	11.0232	7.1068	0.16
14:07:16	11.1684	6.9913	0.1529
14:07:26	11.2868	6.9205	0.1392
14:07:36	11.3398	6.9068	0.1315
14:07:46	11.3059	6.9366	0.1261

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:07:56	11.2636	6.9366	0.1374
14:08:06	11.2124	6.9586	0.1374
14:08:16	11.1452	6.9794	0.1374
14:08:26	11.1208	6.9598	0.1297
14:08:36	11.1452	6.9145	0.1166
14:08:46	11.197	6.8622	0.1166
14:08:56	11.1779	6.8991	0.1243
14:09:06	11.0827	6.9824	0.1106
14:09:16	10.9506	7.0592	0.0934
14:09:26	10.8649	7.1032	0.0934
14:09:36	10.7887	7.1449	0.0993
14:09:46	10.7661	7.1449	0.1089
14:09:56	10.806	7.0967	0.1243
14:10:06	10.8917	7.0264	0.1184
14:10:16	10.9946	6.958	0.1089
14:10:26	11.0708	6.9526	0.1071
14:10:36	11.069	6.9842	0.1184
14:10:46	11.0577	6.9854	0.1243
14:10:56	11.0881	6.9699	0.1315
14:11:06	11.1017	6.9443	0.1374
14:11:16	11.1571	6.8919	0.122
14:11:26	11.2291	6.8235	0.1297
14:11:36	11.319	6.7616	0.122
14:11:46	11.3553	6.7509	0.1148
14:11:56	11.3154	6.8009	0.1029
14:12:06	11.1815	6.9038	0.1011
14:12:16	11.0785	6.9318	0.0934
14:12:26	11.0387	6.9514	0.0821
14:12:36	11.0577	6.8907	0.0821
14:12:46	11.1416	6.8229	0.0761
14:12:56	11.222	6.7693	0.0708
14:13:06	11.2386	6.7658	0.0708
14:13:16	11.2029	6.8021	0.0708
14:13:26	11.1381	6.8634	0.0571
14:13:36	11.0083	6.9717	0.0648
14:13:46	10.9054	7.0318	0.044
14:13:56	10.8441	7.058	0.0571
14:14:06	10.8232	7.0675	0.0553
14:14:16	10.8328	7.0437	0.0476
14:14:26	10.8708	7.0104	0.0476
14:14:36	10.8994	7.0098	0.0476
14:14:46	10.8595	7.0568	0.0553
14:14:56	10.7828	7.1288	0.0571
14:15:06	10.7012	7.1925	0.063

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:15:16	10.6209	7.2502	0.069
14:15:26	10.556	7.2788	0.0708
14:15:36	10.537	7.2716	0.0708
14:15:46	10.5751	7.227	0.0743
14:15:56	10.6269	7.1776	0.0839
14:16:06	10.7012	7.1234	0.0761
14:16:16	10.7488	7.1097	0.0857
14:16:26	10.781	7.0996	0.1148
14:16:36	10.8018	7.0919	0.0976
14:16:46	10.8078	7.0949	0.0857
14:16:56	10.8137	7.0853	0.0857
14:17:06	10.8173	7.083	0.1089
14:17:16	10.7947	7.1032	0.1071
14:17:26	10.7732	7.1097	0.1053
14:17:36	10.7488	7.1341	0.0934
14:17:46	10.6893	7.1681	0.0934
14:17:56	10.659	7.1591	0.0821
14:18:06	10.6703	7.1401	0.0857
14:18:16	10.6816	7.1341	0.0761
14:18:26	10.6608	7.1609	0.0857
14:18:36	10.5673	7.2532	0.0934
14:18:46	10.4132	7.3537	0.0916
14:18:56	10.3347	7.3829	0.0839
14:19:06	10.2549	7.4382	0.0857
14:19:16	10.2013	7.4513	0.0934
14:19:26	10.2222	7.4055	0.0898
14:19:36	10.2775	7.3716	0.0934
14:19:46	10.3156	7.349	0.0934
14:19:56	10.3311	7.3662	0.0934
14:20:06	10.3079	7.3906	0.0857
14:20:16	10.243	7.4317	0.0821
14:20:26	10.1764	7.4734	0.0898
14:20:36	10.1365	7.471	0.0785
14:20:46	10.1133	7.4734	0.0708
14:20:56	10.1383	7.4323	0.0785
14:21:06	10.2013	7.365	0.0785
14:21:16	10.2983	7.3079	0.0666
14:21:26	10.3156	7.3287	0.063
14:21:36	10.2585	7.3811	0.0648
14:21:46	10.1936	7.418	0.0708
14:21:56	10.1252	7.4626	0.063
14:22:06	10.0466	7.4859	0.0404
14:22:16	10.024	7.4811	0.0458
14:22:26	10.0734	7.4275	0.0553

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:22:36	10.127	7.3918	0.0476
14:22:46	10.1609	7.3787	0.0571
14:22:56	10.1347	7.424	0.0553
14:23:06	10.0466	7.4972	0.0553
14:23:16	9.9591	7.5543	0.0476
14:23:26	9.8633	7.6245	0.0476
14:23:36	9.7836	7.6691	0.0571
14:23:46	9.7508	7.6584	0.0476
14:23:56	9.8062	7.6126	0.0345
14:24:06	9.8598	7.5829	0.0404
14:24:16	9.8925	7.5763	0.0476
14:24:26	9.8883	7.6192	0.0476
14:24:36	9.8348	7.6888	0.0476
14:24:46	9.7645	7.7519	0.0363
14:24:56	9.6824	7.828	0.0363
14:25:06	9.6211	7.859	0.0404
14:25:16	9.6062	7.8578	0.0458
14:25:26	9.6616	7.8048	0.0571
14:25:36	9.7508	7.7537	0.0404
14:25:46	9.7913	7.7435	0.044
14:25:56	9.7949	7.7566	0.0613
14:26:06	9.755	7.7977	0.0476
14:26:16	9.711	7.8328	0.0553
14:26:26	9.633	7.8846	0.0708
14:26:36	9.5795	7.9036	0.0761
14:26:46	9.6098	7.8423	0.0726
14:26:56	9.686	7.8036	0.0857
14:27:06	9.7128	7.7923	0.0821
14:27:16	9.7145	7.7983	0.0821
14:27:26	9.6747	7.8316	0.088
14:27:36	9.6116	7.8858	0.0708
14:27:46	9.5205	7.9524	0.0666
14:27:56	9.3979	8.0274	0.0708
14:28:06	9.2992	8.0756	0.0839
14:28:16	9.2932	8.0357	0.069
14:28:26	9.3771	7.9697	0.0726
14:28:36	9.4723	7.9078	0.0613
14:28:46	9.5259	7.9125	0.0708
14:28:56	9.486	7.9673	0.0857
14:29:06	9.4289	8.0173	0.0785
14:29:16	9.3789	8.0708	0.0857
14:29:26	9.3331	8.0833	0.0857
14:29:36	9.3486	8.0572	0.0934
14:29:46	9.417	8.0084	0.1011

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:29:56	9.4842	7.9536	0.1011
14:30:06	9.5586	7.9102	0.0976
14:30:16	9.6021	7.9024	0.0857
14:30:26	9.6003	7.9054	0.063
14:30:36	9.6098	7.9006	0.0553
14:30:46	9.6175	7.8864	0.0476
14:30:56	9.608	7.8786	0.0458
14:31:06	9.6021	7.8679	0.063
14:31:16	9.5908	7.887	0.0648
14:31:26	9.5699	7.9268	0.0857
14:31:36	9.5467	7.9494	0.0934
14:31:46	9.5336	7.9899	0.1148
14:31:56	9.4878	8.0375	0.1297
14:32:06	9.4384	8.0822	0.1297
14:32:16	9.3944	8.1107	0.1487
14:32:26	9.3771	8.1048	0.1529
14:32:36	9.4307	8.0506	0.1797
14:32:46	9.5205	7.9792	0.1946
14:32:56	9.6158	7.9369	0.1963
14:33:06	9.6158	7.9685	0.2041
14:33:16	9.5491	8.0268	0.2041
14:33:26	9.5009	8.0411	0.2196
14:33:36	9.4515	8.0697	0.2023
14:33:46	9.4194	8.0673	0.2005
14:33:56	9.4342	8.0107	0.1892
14:34:06	9.5301	7.9227	0.1892
14:34:16	9.6634	7.8161	0.1815
14:34:26	9.7473	7.787	0.1696
14:34:36	9.7336	7.8114	0.1565
14:34:46	9.6884	7.8435	0.166
14:34:56	9.633	7.884	0.1452
14:35:06	9.5414	7.9358	0.1297
14:35:16	9.4801	7.9459	0.1089
14:35:26	9.4747	7.9227	0.1089
14:35:36	9.5432	7.8542	0.1148
14:35:46	9.6116	7.8245	0.122
14:35:56	9.6271	7.809	0.1124
14:36:06	9.5753	7.8626	0.1011
14:36:16	9.5033	7.9108	0.1011
14:36:26	9.4461	7.9316	0.088
14:36:36	9.4057	7.9518	0.0726
14:36:46	9.3849	7.9441	0.0785
14:36:56	9.4247	7.8923	0.0898
14:37:06	9.5069	7.8328	0.0857



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:37:16	9.583	7.7923	0.0993
14:37:26	9.6062	7.803	0.0934
14:37:36	9.5967	7.828	0.0785
14:37:46	9.5277	7.8864	0.0761
14:37:56	9.4533	7.9328	0.0613
14:38:06	9.4039	7.9542	0.0571
14:38:16	9.3962	7.9262	0.069
14:38:26	9.4723	7.8489	0.063
14:38:36	9.5795	7.765	0.0708
14:38:46	9.6901	7.7007	0.0648
14:38:56	9.7282	7.706	0.0708
14:39:06	9.6955	7.7489	0.0785
14:39:16	9.6021	7.8126	0.0785
14:39:26	9.5205	7.8673	0.0785
14:39:36	9.4402	7.8977	0.0743
14:39:46	9.4134	7.9001	0.0708
14:39:56	9.4325	7.8757	0.0857
14:40:06	9.4896	7.8269	0.0743
14:40:16	9.5336	7.8126	0.0785
14:40:26	9.5205	7.8542	0.0571
14:40:36	9.4592	7.9108	0.0571
14:40:46	9.3831	7.9578	0.0458
14:40:56	9.3295	7.9994	0.0327
14:41:06	9.2819	8.0238	0.0363
14:41:16	9.2587	8.0131	0.0345
14:41:26	9.3295	7.9524	0.0327
14:41:36	9.4325	7.8834	0.0327
14:41:46	9.4991	7.8649	0.0404
14:41:56	9.4914	7.8893	0.0499
14:42:06	9.4575	7.9358	0.0648
14:42:16	9.4229	7.9643	0.0708
14:42:26	9.3676	8	0.0648
14:42:36	9.3486	7.9947	0.1011
14:42:46	9.4057	7.9352	0.1053
14:42:56	9.5033	7.8876	0.0952
14:43:06	9.5967	7.8399	0.1089
<b>Start Calibration</b>			
14:43:16	9.6574	7.8161	0.1339
14:43:26	9.6788	7.8376	1.4842
14:43:36	9.8407	0.8724	0.0232
14:43:46	0.9861	0.3886	0.0095
14:43:56	0.2368	0.3029	0.0208
14:44:06	0.1166	0.2517	0.0172

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
14:44:16	0.0613	0.219	0.0017
14:44:26	0.0309	0.1952	0.0095
14:44:36	0.0095	0.1785	0.0017
14:44:46	-0.0078	0.1672	0.0041
14:44:56	-0.0173	0.1588	0.0172
<b>Zero Bias</b>	<b>-0.0052</b>	<b>0.168167</b>	<b>0.007667</b>
14:45:06	-0.0244	0.1547	0.3761
14:45:16	0.1011	0.8236	3.7807
14:45:26	5.7398	1.3009	11.4487
14:45:36	18.1476	0.2404	12.0896
14:45:46	19.7307	0.1815	12.2652
14:45:56	19.9785	0.1547	12.3318
14:46:06	20.0741	0.1434	12.4253
14:46:16	20.1351	0.1339	12.511
14:46:26	20.1733	0.1285	12.5282
14:46:36	20.202	0.1249	12.53
14:46:46	20.2227	0.122	12.5324
14:46:56	20.2363	0.119	12.5532
14:47:06	20.2478	0.1166	12.5627
<b>THC Mid Bias</b>	<b>20.2356</b>	<b>0.1192</b>	<b>12.54943</b>
14:47:16	20.2554	0.116	12.5247
14:47:26	20.2554	0.119	1.3294
14:47:36	17.562	5.0489	0.4808
14:47:46	11.3094	7.1752	0.3285
14:47:56	10.2222	7.44	0.2445
14:48:06	9.8615	7.6537	0.2154
14:48:16	9.6098	7.8215	0.1815
14:48:26	9.4533	7.9131	0.1737
<b>Resume Run 3B</b>			
14:48:36	9.3313	8.0054	0.1755
14:48:46	9.2343	8.0762	0.16
14:48:56	9.198	8.0631	0.1565
14:49:06	9.2533	8.0387	0.1315
14:49:16	9.2855	8.0185	0.1243
14:49:26	9.2777	8.0417	0.122
14:49:36	9.2093	8.103	0.1124
14:49:46	9.1123	8.1756	0.0934
14:49:56	9.0147	8.2268	0.0857
14:50:06	8.9766	8.222	0.0857
14:50:16	9.0093	8.1863	0.0857
14:50:26	9.1444	8.0703	0.0839

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:50:36	9.3236	7.9572	0.0785
14:50:46	9.4652	7.8703	0.0857
14:50:56	9.5622	7.8316	0.0821
14:51:06	9.5449	7.8774	0.0916
14:51:16	9.442	7.9483	0.0993
14:51:26	9.3331	8.009	0.1011
14:51:36	9.295	8.006	0.1166
14:51:46	9.3355	7.9631	0.1148
14:51:56	9.4384	7.8893	0.1089
14:52:06	9.5414	7.8108	0.1148
14:52:16	9.6729	7.7304	0.1356
14:52:26	9.7128	7.7382	0.1297
14:52:36	9.6693	7.7846	0.1089
14:52:46	9.6271	7.7995	0.1011
14:52:56	9.6021	7.8138	0.0857
14:53:06	9.6288	7.7697	0.0857
14:53:16	9.7015	7.7168	0.0976
14:53:26	9.8235	7.6346	0.1011
14:53:36	9.9228	7.5757	0.1071
14:53:46	9.9931	7.5501	0.1053
14:53:56	9.999	7.5775	0.088
14:54:06	9.8847	7.684	0.0726
14:54:16	9.7413	7.7733	0.0613
14:54:26	9.6288	7.828	0.0708
14:54:36	9.6003	7.828	0.0648
14:54:46	9.6574	7.7602	0.0458
14:54:56	9.7854	7.687	0.0404
14:55:06	9.8865	7.6275	0.0404
14:55:16	9.9437	7.6221	0.0404
14:55:26	9.9115	7.6834	0.0458
14:55:36	9.8086	7.7388	0.0517
14:55:46	9.8062	7.7453	0.0595
14:55:56	9.7413	7.7846	0.0535
14:56:06	9.73	7.7667	0.0571
14:56:16	9.8407	7.6584	0.0571
14:56:26	10.0163	7.5489	0.0571
14:56:36	10.1228	7.4936	0.0476
14:56:46	10.1228	7.5448	0.0476
14:56:56	9.9782	7.6816	0.0553
14:57:06	9.7663	7.8215	0.0571
14:57:16	9.6384	7.8917	0.0517
14:57:26	9.608	7.8911	0.0571
14:57:36	9.6901	7.8316	0.0571
14:57:46	9.8847	7.6971	0.0517

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
14:57:56	10.0829	7.5894	0.063
14:58:06	10.224	7.5239	0.0571
14:58:16	10.2567	7.5489	0.0571
14:58:26	10.1728	7.6453	0.0785
14:58:36	10.0466	7.7233	0.0785
14:58:46	9.9782	7.7596	0.0857
14:58:56	9.9669	7.7495	0.0648
14:59:06	10.0216	7.7001	0.0743
14:59:16	10.1514	7.6043	0.0803
14:59:26	10.3138	7.4888	0.0708
14:59:36	10.4531	7.4073	0.0648
14:59:46	10.4971	7.4073	0.063
14:59:56	10.4203	7.4805	0.0553
15:00:06	10.2662	7.5936	0.0571
15:00:16	10.1097	7.6864	0.0648
15:00:26	10.0181	7.7328	0.0708
15:00:36	10.0026	7.7465	0.0726
15:00:46	10.0544	7.7316	0.0934
15:00:56	10.1115	7.7263	0.0993
15:01:06	10.1383	7.7441	0.1011
15:01:16	10.121	7.787	0.1166
15:01:26	10.0579	7.8542	0.1243
15:01:36	9.9687	7.9084	0.122
15:01:46	9.9228	7.9268	0.1261
15:01:56	9.9169	7.9197	0.1374
15:02:06	9.9359	7.9048	0.1374
15:02:16	9.9377	7.8977	0.1374
15:02:26	9.9722	7.8489	0.1452
15:02:36	10.0716	7.7602	0.1452
15:02:46	10.1954	7.6638	0.1505
15:02:56	10.293	7.5989	0.1452
15:03:06	10.3614	7.5537	0.141
15:03:16	10.371	7.5721	0.1452
15:03:26	10.3293	7.6162	0.1297
15:03:36	10.2067	7.7019	0.1261
15:03:46	10.0674	7.7864	0.1148
15:03:56	9.9931	7.7917	0.1148
15:04:06	10.0389	7.7263	0.1089
15:04:16	10.121	7.6644	0.1089
15:04:26	10.2049	7.5948	0.0976
15:04:36	10.2394	7.6031	0.0952
15:04:46	10.14	7.6971	0.0934
15:04:56	10.0181	7.7697	0.0934
15:05:06	9.8961	7.853	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:05:16	9.7889	7.8893	0.0857
15:05:26	9.8181	7.8304	0.0993
15:05:36	9.9454	7.7304	0.0857
15:05:46	10.0698	7.659	0.0821
15:05:56	10.1347	7.6263	0.0898
15:06:06	10.146	7.6537	0.0857
15:06:16	10.0484	7.7334	0.0857
15:06:26	9.9591	7.7703	0.0993
15:06:36	9.9264	7.7656	0.1071
15:06:46	9.9609	7.7304	0.0934
15:06:56	10.0258	7.6763	0.0898
15:07:06	10.1365	7.5757	0.1053
15:07:16	10.2888	7.4763	0.1011
15:07:26	10.365	7.4454	0.1071
15:07:36	10.3388	7.4912	0.0976
15:07:46	10.2222	7.584	0.0934
15:07:56	10.1061	7.6644	0.0934
15:08:06	9.9835	7.7299	0.0934
15:08:16	9.9306	7.7388	0.0857
15:08:26	9.9722	7.6828	0.0857
15:08:36	10.0942	7.584	0.0785
15:08:46	10.2376	7.4995	0.0785
15:08:56	10.2739	7.5049	0.0648
15:09:06	10.2186	7.5561	0.0803
15:09:16	10.1002	7.6323	0.0785
15:09:26	9.9764	7.706	0.0785
15:09:36	9.877	7.7453	0.0613
15:09:46	9.8806	7.706	0.044
15:09:56	9.974	7.6251	0.0404
15:10:06	10.0847	7.5466	0.0595
15:10:16	10.2091	7.4644	0.063
15:10:26	10.2317	7.4805	0.0613
15:10:36	10.1609	7.5656	0.0648
15:10:46	10.0067	7.6787	0.063
15:10:56	9.8562	7.7667	0.0708
15:11:06	9.7836	7.781	0.0708
15:11:16	9.8139	7.7406	0.0708
15:11:26	9.9169	7.6727	0.0648
15:11:36	10.0389	7.5989	0.0476
15:11:46	10.1347	7.5501	0.063
15:11:56	10.1877	7.5341	0.0708
15:12:06	10.1633	7.5811	0.0648
15:12:16	10.0847	7.6198	0.0571
15:12:26	10.0544	7.643	0.0404

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:12:36	10.043	7.6269	0.0571
15:12:46	10.1323	7.5519	0.0648
15:12:56	10.2376	7.4864	0.0404
15:13:06	10.3043	7.4543	0.0571
15:13:16	10.3138	7.4656	0.038
15:13:26	10.2353	7.5358	0.0476
15:13:36	10.0526	7.6816	0.0666
15:13:46	9.9074	7.7572	0.0476
15:13:56	9.8348	7.7947	0.0458
15:14:06	9.8615	7.7584	0.0571
15:14:16	9.9609	7.6793	0.0476
15:14:26	10.1002	7.587	0.0267
15:14:36	10.2109	7.5216	0.0327
15:14:46	10.2335	7.5269	0.038
15:14:56	10.1728	7.5948	0.0249
15:15:06	10.0317	7.687	0.0095
15:15:16	9.9437	7.7209	0.0249
15:15:26	9.8996	7.7251	0.0095
15:15:36	9.9609	7.6626	0.0041
15:15:46	10.1115	7.5507	0.0041
15:15:56	10.262	7.4615	0.0041
15:16:06	10.371	7.3942	-0.0036
15:16:16	10.4227	7.3716	-0.0036
15:16:26	10.3805	7.4222	-0.0096
15:16:36	10.3025	7.4864	-0.0131
15:16:46	10.2067	7.5412	0.0059
15:16:56	10.1555	7.5591	-0.0131
15:17:06	10.1764	7.5299	-0.0131
15:17:16	10.243	7.4924	-0.0149
15:17:26	10.2906	7.4668	-0.0131
15:17:36	10.2966	7.468	-0.0036
15:17:46	10.2567	7.4936	-0.0054
15:17:56	10.2353	7.5025	0.0095
15:18:06	10.2525	7.4692	0.0172
15:18:16	10.3043	7.4299	0.019
15:18:26	10.3501	7.4061	0.0249
15:18:36	10.2983	7.4734	0.0327
15:18:46	10.2127	7.5239	0.044
15:18:56	10.14	7.565	0.0476
15:19:06	10.096	7.587	0.0476
15:19:16	10.0698	7.6138	0.0476
15:19:26	10.0258	7.662	0.0553
15:19:36	9.9645	7.7239	0.0648
15:19:46	9.8901	7.7816	0.0648

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:19:56	9.833	7.8001	0.0517
15:20:06	9.8294	7.7781	0.0476
15:20:16	9.9151	7.6965	0.0595
15:20:26	10.0294	7.6221	0.0648
15:20:36	10.1115	7.5811	0.0595
15:20:46	10.14	7.5805	0.0648
15:20:56	10.0907	7.6328	0.0613
15:21:06	10.0371	7.6697	0.0595
15:21:16	9.9574	7.7191	0.0571
15:21:26	9.9228	7.7233	0.0571
15:21:36	9.9496	7.6912	0.0761
15:21:46	10.0793	7.5936	0.0648
15:21:56	10.2162	7.5061	0.063
15:22:06	10.2835	7.4864	0.069
15:22:16	10.2603	7.5061	0.0726
15:22:26	10.1633	7.5882	0.063
15:22:36	10.0716	7.637	0.0595
15:22:46	9.974	7.7037	0.0648
15:22:56	9.9437	7.7132	0.044
15:23:06	9.9931	7.6519	0.0422
15:23:16	10.1305	7.5537	0.0476
15:23:26	10.268	7.4734	0.0476
15:23:36	10.346	7.4353	0.0422
15:23:46	10.3674	7.449	0.0458
15:23:56	10.2739	7.5329	0.0404
15:24:06	10.1936	7.5811	0.0208
15:24:16	10.121	7.6245	0.0327
15:24:26	10.1478	7.5763	0.044
15:24:36	10.2257	7.5156	0.0327
15:24:46	10.3347	7.4299	0.0345
15:24:56	10.4876	7.3103	0.0327
15:25:06	10.6286	7.2222	0.0327
15:25:16	10.6572	7.2597	0.0363
15:25:26	10.5596	7.3406	0.0327
15:25:36	10.434	7.4353	0.0404
15:25:46	10.3329	7.4757	0.0553
15:25:56	10.3293	7.4638	0.0363
15:26:06	10.371	7.4234	0.0267
15:26:16	10.4739	7.3418	0.0267
15:26:26	10.5977	7.2538	0.0267
15:26:36	10.6762	7.2133	0.0327
15:26:46	10.6971	7.224	0.0267
15:26:56	10.6191	7.3103	0.0172
15:27:06	10.5162	7.3764	0.0059

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:27:16	10.4757	7.3799	-0.0131
15:27:26	10.531	7.3276	-0.0131
15:27:36	10.6382	7.2383	-0.0149
15:27:46	10.7965	7.1228	-0.0191
15:27:56	10.9167	7.0538	-0.0131
15:28:06	10.9548	7.0437	-0.0173
15:28:16	10.922	7.0853	-0.0173
15:28:26	10.8381	7.1568	-0.0036
15:28:36	10.7239	7.2454	-0.0209
15:28:46	10.6364	7.3026	-0.0054
15:28:56	10.6269	7.3026	-0.0173
15:29:06	10.684	7.2478	-0.0268
15:29:16	10.7756	7.1913	-0.0417
15:29:26	10.8441	7.1484	-0.034
15:29:36	10.831	7.1883	-0.0268
15:29:46	10.7203	7.2758	-0.0268
15:29:56	10.6191	7.3365	-0.0363
15:30:06	10.5786	7.3424	-0.0417
15:30:16	10.5977	7.3162	-0.0417
15:30:26	10.6495	7.2752	-0.0381
15:30:36	10.7179	7.2151	-0.0363
15:30:46	10.8423	7.1216	-0.0494
15:30:56	10.9506	7.0502	-0.0244
15:31:06	11.0595	6.9723	-0.0036
15:31:16	11.1452	6.9205	-0.0036
15:31:26	11.2029	6.8812	-0.0096
15:31:36	11.2315	6.8562	-4.6E-05
15:31:46	11.2351	6.858	-0.0114
15:31:56	11.1761	6.908	-0.0054
15:32:06	11.0541	6.9907	-0.0036
15:32:16	10.8881	7.102	-0.0036
15:32:26	10.7429	7.1407	-4.6E-05
15:32:36	10.7161	7.1383	0.0136
15:32:46	10.7108	7.1294	0.0172
15:32:56	10.678	7.1746	0.0172
15:33:06	10.5638	7.2823	0.0041
15:33:16	10.3769	7.4133	0.0113
15:33:26	10.19	7.5233	-0.0149
15:33:36	10.0526	7.5811	-0.0096
15:33:46	10.0121	7.5829	0.0041
15:33:56	10.0889	7.4995	-0.0131
15:34:06	10.2281	7.4061	-0.0209
15:34:16	10.3614	7.3287	-0.0268
15:34:26	10.4322	7.3204	-0.0078



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:34:36	10.3596	7.4073	-0.0131
15:34:46	10.1972	7.5186	-0.0131
15:34:56	10.0508	7.5918	-0.0131
15:35:06	9.9591	7.6394	-0.0209
15:35:16	9.9187	7.6382	-0.0191
15:35:26	10.0317	7.5299	-0.0268
15:35:36	10.2757	7.3418	-0.0268
15:35:46	10.6019	7.1556	-0.0268
15:35:56	10.7697	7.1086	-0.0244
15:36:06	10.8	7.133	-0.0209
15:36:16	10.7256	7.2186	-0.0191
15:36:26	10.5769	7.3133	-0.0209
15:36:36	10.4686	7.365	-0.0131
15:36:46	10.4626	7.3222	-0.0036
15:36:56	10.5786	7.2222	-0.0054
15:37:06	10.7602	7.0931	-0.0131
15:37:16	10.928	7.0098	-0.0131
15:37:26	10.9911	7.0068	-0.0131
15:37:36	10.9583	7.0675	-0.0131
15:37:46	10.8232	7.1788	-0.0131
15:37:56	10.6417	7.3032	-0.0054
15:38:06	10.4912	7.3758	-0.0096
15:38:16	10.415	7.4019	-0.0036
15:38:26	10.4781	7.3186	0.0017
15:38:36	10.6512	7.1978	0.0041
15:38:46	10.8441	7.0776	-0.0036
15:38:56	10.9833	7.0187	-4.6E-05
15:39:06	10.9851	7.0592	-0.0036
15:39:16	10.8822	7.1472	-0.0036
15:39:26	10.7393	7.2347	-0.0096
15:39:36	10.6382	7.2698	-0.0036
15:39:46	10.6477	7.2347	-0.0096
15:39:56	10.7506	7.1365	-0.0131
<b>End Run 3B</b>	<b>10.19528</b>	<b>7.471508</b>	<b>0.073101</b>
15:40:06	10.9125	7.011	-0.0036
15:40:16	11.069	6.9128	-0.0054
15:40:26	11.1261	6.9265	-0.0209
15:40:36	11.0006	7.0502	-0.0131
15:40:46	10.7465	7.2353	-0.0131
15:40:56	10.4686	7.4025	-0.0036
15:41:06	10.2567	7.5132	-0.0036
15:41:16	10.1252	7.5835	-4.6E-05
15:41:26	10.0657	7.6007	-0.0096

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
15:41:36	10.0984	7.5638	-0.0209
15:41:46	10.14	7.5501	-0.0209
15:41:56	10.1537	7.5549	1.3312
15:42:06	10.1573	7.396	0.3356
15:42:16	6.6628	0.632	-0.0209
15:42:26	0.6831	0.3564	-0.0209
15:42:36	0.2136	0.2826	-0.0209
15:42:46	0.1106	0.2368	-0.0268
15:42:56	0.0648	0.21	-0.0131
15:43:06	0.0363	0.1916	-0.0131
15:43:16	0.0154	0.1779	-0.0131
15:43:26	-4.6E-05	0.1517	-0.0131
15:43:36	-0.0096	0.1446	-0.0131
15:43:46	-0.0209	0.1374	-0.0209
<b>Zero Bias</b>	<b>-0.01018</b>	<b>0.144567</b>	<b>-0.0157</b>
15:43:56	-0.0268	0.1344	0.1868
15:44:06	0.4159	1.5978	0.2291
15:44:16	7.2067	4.2276	-0.0917
15:44:26	8.8772	9.5247	-0.0685
15:44:36	9.7032	9.7372	-0.0649
15:44:46	9.8062	9.8115	-0.0649
15:44:56	9.8389	9.8413	-0.0572
15:45:06	9.8633	9.8663	-0.0381
15:45:16	9.877	9.8824	-0.0459
15:45:26	9.8865	9.8966	-0.0477
15:45:36	9.8943	9.8937	-0.0494
15:45:46	9.8996	9.8984	-0.0417
<b>O2/CO2 Bias</b>	<b>9.893467</b>	<b>9.896233</b>	<b>-0.04627</b>
15:45:56	9.9038	9.9008	0.3969
15:46:06	9.8693	9.4521	3.8033
15:46:16	9.4723	8.2952	11.9599
15:46:26	17.85	0.7224	12.3646
15:46:36	19.7519	0.4177	12.4711
15:46:46	20.0283	0.3076	12.4937
15:46:56	20.1124	0.2511	12.4866
15:47:06	20.1562	0.2154	12.4842
15:47:16	20.1849	0.1886	12.4866
15:47:26	20.2035	0.1725	12.4979
15:47:36	20.2191	0.16	12.5247
<b>THC Mid Bias</b>	<b>20.2025</b>	<b>0.1737</b>	<b>12.50307</b>
15:47:46	20.2322	0.1499	12.5092

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
15:47:56	20.2322	0.1499	12.5092

**Veolia Unit 2**

Uncorrected Concentrations									
11-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 4B	945-1255	9.99	7.63				0.12	45.42	0.23

Corrected O <sub>2</sub> Conc.					
11-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	945-1255	9.99	-0.01	1.02	10.18

Corrected CO <sub>2</sub> Conc.					
11-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	945-1255	7.63	0.08	1.02	7.69

**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/11/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	-0.03	0.03	0.1%
span gas	CC189665	22.50	07:13	22.46	0.04	0.2%
mid-range	CC43355	10.10	07:16	10.05	0.05	0.2%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	-0.03	07:20	0.05	0.3%	13:06	-0.08	-0.2%	-0.6%	C <sub>O</sub> = -0.014 C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.018
	10.10	10.05	07:22	9.94	-0.5%	13:08	9.89	-0.7%	-0.2%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/11/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 19.20  
**Analyzer Range:** 20  
**Units:** %  
**Technician(s):** kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	EEP443	0.00	07:12	0.06	0.06	0.3%
span gas	CC189665	19.20	07:13	18.99	0.21	1.1%
mid-range	CC43355	10.00	07:16	10.03	0.03	0.2%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	0.06	07:20	0.07	0.1%	13:06	0.09	0.2%	0.1%	$C_0 = 0.084$ $C_{MA}/(C_M - C_0) = 1.020$
	10.00	10.03	07:22	9.89	-0.7%	13:08	9.89	-0.7%	0.0%	

**Veolia Unit 2  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/11/2013  
**Instrument Make/Model:** TECO 51i  
**ID Number:** 907634808  
**Span Value:** 25.00  
**Analyzer Range:** 25  
**Units:** ppm  
**Technician(s):** kmm

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	EEP443	0.00	09:13	0.06	0.06	n/a
<b>Span</b>	AAL4460	21.10	09:15	21.00	0.10	0.5%
<b>Mid</b>	AL899	12.90	09:19	12.50	0.40	3.1%
<b>Low</b>	CC250309	7.58	09:17	7.63	0.05	0.7%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 4B	0.06	10:49	0.09	0.1
	12.50	10:52	12.38	-0.5
	0.06	11:54	0.07	0.1
	12.50	11:57	12.19	-1.3
	0.06	13:06	0.07	0.0
	12.50	13:10	12.39	-0.4

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:11:20	0.6546	0.0571	1.1539
7:11:30	0.0743	0.0571	1.1539
7:11:40	0.0113	0.0559	1.1634
7:11:51	-0.0078	0.0559	1.1563
7:12:00	-0.0209	0.0583	1.158
7:12:10	-0.0304	0.0541	1.1503
7:12:20	-0.0363	0.0541	1.1444
<b>N2 Zero</b>	<b>-0.0292</b>	<b>0.0555</b>	<b>1.1509</b>
7:12:30	-0.0304	0.0541	1.1467
7:12:40	1.8787	6.3581	1.1467
7:12:50	19.2408	18.205	1.139
7:13:01	22.0712	18.8661	1.1467
7:13:10	22.3894	18.9336	1.1467
7:13:20	22.4317	18.9623	1.139
7:13:30	22.4488	18.9784	1.1313
7:13:40	22.4564	18.987	1.1313
7:13:50	22.4639	18.9966	1.1277
<b>O2/CO2 Span</b>	<b>22.45637</b>	<b>18.98733</b>	<b>1.1301</b>
7:14:00	22.47	19.0051	1.1063
7:14:11	22.4508	18.9532	1.114
7:14:20	22.4619	18.851	1.1313
7:14:30	13.2019	10.0067	1.1313
7:14:40	10.3995	10.0561	1.1467
7:14:50	10.121	10.0502	1.1467
7:15:00	10.0811	10.0419	1.1539
7:15:10	10.0674	10.0389	1.1485
7:15:21	10.0621	10.0359	1.1467
7:15:30	10.0579	10.0365	1.1676
7:15:40	10.0544	10.0341	1.1693
7:15:50	10.0526	10.0323	1.1676
7:16:01	10.0484	10.0317	1.1539
7:16:10	10.0508	10.0311	1.1539
<b>O2/CO2 Mid</b>	<b>10.0506</b>	<b>10.0317</b>	<b>1.158467</b>
7:16:20	10.0466	10.0311	1.1539
7:16:31	10.043	10.024	1.1539
7:16:40	10.0294	9.999	1.1563
7:16:50	11.9807	2.3887	1.1693
7:17:00	19.7861	0.2374	1.1676
7:17:11	20.694	0.1934	1.1676
7:17:20	20.7529	0.1761	1.1753
7:17:30	20.7494	0.1654	1.1807



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
7:17:40	20.7474	0.1571	1.1693
7:17:50	20.7474	0.1517	1.1753
7:18:00	20.7474	0.1487	1.1729
7:18:10	20.7474	0.1458	1.1729
7:18:21	20.7474	0.1428	4.2788
7:18:30	19.6431	0.6909	0.479
7:18:40	8.8623	0.1273	0.2231
7:18:50	6.2605	0.1041	0.0666
7:19:00	1.1824	0.0892	0.0553
7:19:10	0.3874	0.0862	0.0535
7:19:20	0.2309	0.088	0.0327
7:19:31	0.1529	0.0773	0.0404
7:19:40	0.1124	0.0761	0.0232
7:19:50	0.0839	0.0755	0.019
7:20:00	0.063	0.0743	0.0095
7:20:10	0.0476	0.0732	0.0172
7:20:20	0.0345	0.072	0.0172
<b>Zero Bias</b>	<b>0.048367</b>	<b>0.073167</b>	<b>0.014633</b>
7:20:30	0.0208	0.072	0.0208
7:20:41	0.0113	0.072	1.0491
7:20:50	12.5723	0.1154	0.2386
7:21:00	13.1674	2.4845	-0.0477
7:21:10	9.877	9.4444	-0.0363
7:21:21	9.9115	9.6711	-0.0435
7:21:30	9.9187	9.7562	-0.0417
7:21:40	9.9246	9.8104	-0.0417
7:21:51	9.9282	9.8342	-0.0322
7:22:00	9.9341	9.858	-0.0512
7:22:10	9.9359	9.8717	-0.0572
7:22:20	9.9377	9.8877	-0.0649
7:22:31	9.9401	9.8931	-0.0649
7:22:40	9.9401	9.899	0.044
<b>O2/CO2 Bias</b>	<b>9.9393</b>	<b>9.893267</b>	<b>-0.0286</b>
7:22:50	9.9472	9.8764	1.1485
7:23:00	17.2875	0.9515	1.242
7:23:10	20.0414	0.4874	1.242
7:23:20	20.4402	0.36	1.2283
7:23:30	20.5449	0.288	1.2187
9:11:40	20.7892	0.1005	1.1467
9:11:50	20.7912	0.1005	4.7727
9:12:01	19.7937	0.097	0.1832

	O2	CO2	THC
24 hour time	(% )	(% )	(PPM )
9:12:10	3.7384	0.0535	0.0898
9:12:20	0.8051	0.0517	0.0708
9:12:30	0.3987	0.0589	0.0535
9:12:40	0.2689	0.0702	0.0571
9:12:50	0.1946	0.069	0.063
9:13:00	0.1505	0.0678	0.0648
9:13:11	0.1148	0.0678	0.0499
9:13:20	0.0916	0.069	0.0553
9:13:30	0.0708	0.0672	0.0553
9:13:40	0.0553	0.0678	0.0571
<b>Zero Bias</b>	<b>0.072567</b>	<b>0.068</b>	<b>0.0559</b>
9:13:51	0.0404	0.0678	0.4998
9:14:00	2.2013	0.0857	8.6904
9:14:10	13.118	0.0851	20.5832
9:14:21	18.3651	0.0672	20.9075
9:14:30	19.9729	0.0666	20.9745
9:14:40	20.2363	0.0648	20.9936
9:14:50	20.3239	0.0642	20.9875
9:15:01	20.3697	0.0702	20.9936
9:15:10	20.4019	0.0755	20.9991
9:15:20	20.4251	0.0755	21.0203
<b>THC Span Bias</b>	<b>20.3989</b>	<b>0.073733</b>	<b>21.00433</b>
9:15:30	20.4442	0.0755	21.0163
9:15:40	20.4538	0.0749	20.8959
9:15:50	20.4649	0.0743	2.4643
9:16:00	20.6099	0.122	10.2716
9:16:11	20.6079	0.0857	7.6721
9:16:20	20.4709	0.0755	7.6394
9:16:30	20.4593	0.0743	7.6453
9:16:40	20.4613	0.0726	7.6376
9:16:50	20.4613	0.0726	7.6299
9:17:00	20.4649	0.0732	7.6299
9:17:10	20.4669	0.0732	7.6317
9:17:21	20.4689	0.0749	7.6376
9:17:30	20.4709	0.0607	7.634
9:17:40	20.4729	0.0613	7.6299
<b>THC Low Bias</b>	<b>20.4709</b>	<b>0.065633</b>	<b>7.633833</b>
9:17:50	20.4765	0.0595	7.6299
9:18:00	20.4785	0.0583	7.399
9:18:10	20.4805	0.0595	2.6113
9:18:20	20.6537	0.1112	12.1122

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:18:31	20.4649	0.0636	12.4693
9:18:40	20.3622	0.0607	12.4866
9:18:50	20.3526	0.0613	12.4919
9:19:00	20.3506	0.0613	12.4937
9:19:11	20.3506	0.0613	12.4866
9:19:20	20.3526	0.0607	12.5032
9:19:30	20.3526	0.0607	12.5169
<b>THC Mid Bias</b>	<b>20.35193</b>	<b>0.0609</b>	<b>12.50223</b>
9:19:41	20.3526	0.0589	12.5324
9:19:50	20.3546	0.0595	12.5378
9:20:00	20.3546	0.0583	5.3982
9:20:10	20.406	0.0815	1.3866
9:20:21	20.7071	0.1124	1.2896
9:20:30	20.7569	0.1106	1.2455
9:20:40	20.7665	0.1095	1.2039
9:20:50	20.7665	0.116	1.1598
9:21:00	20.77	0.113	1.1539
9:21:10	20.774	0.1112	1.1467
9:21:20	20.774	0.1112	1.1467
9:21:31	20.774	0.1106	1.1426
9:21:40	20.7761	0.1106	1.1616
9:21:50	20.7781	0.1106	1.1503
9:22:00	20.7761	0.113	1.1277
9:22:10	20.7781	0.1148	1.139
9:22:20	20.7761	0.1202	1.1313
9:22:30	20.7796	0.1148	1.1313
9:22:41	20.7816	0.1136	1.1295
9:22:50	20.7816	0.113	1.1313
9:23:00	20.7816	0.1154	1.1176
9:23:10	20.7836	0.1136	1.1158
9:23:20	20.7836	0.1136	1.1176
9:23:30	20.7836	0.1136	1.1313
9:23:40	20.7836	0.1136	1.1313
9:23:51	20.7796	0.1154	1.1253
9:24:00	20.7816	0.1154	1.1176
9:24:10	20.7836	0.1136	1.114
9:24:20	20.7836	0.1136	1.1176
9:24:30	20.7856	0.1083	1.1253
9:24:40	20.7856	0.1083	1.1277
9:24:50	20.7856	0.1095	1.1235
9:25:01	20.7836	0.1112	1.1313
9:25:10	20.7836	0.1154	1.1563
9:25:20	20.7836	0.11	1.1444

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:25:30	20.7856	0.1106	1.139
9:25:41	20.7836	0.11	1.1426
9:25:50	20.7876	0.1106	1.1467
9:26:00	20.7856	0.1106	1.1539
9:26:11	20.7856	0.11	1.1521
9:26:20	20.7876	0.1112	1.1485
9:26:30	20.7836	0.1148	1.1467
9:26:40	20.7856	0.1112	1.1467
9:26:51	20.7876	0.1202	1.1485
9:27:00	20.7876	0.1184	1.1503
9:27:10	20.7856	0.1184	1.1539
9:27:20	20.7856	0.1166	1.1426
9:27:30	20.7836	0.1202	1.1372
9:27:40	20.7856	0.1166	1.1277
9:27:50	20.7876	0.116	1.1253
9:28:01	20.7876	0.1148	1.1348
9:28:10	20.7856	0.1178	1.139
9:28:20	20.7856	0.1202	1.139
9:28:30	20.7856	0.1148	1.139
9:28:40	20.7856	0.1148	1.1313
9:28:50	20.7876	0.1148	1.1313
9:29:00	20.7816	0.1184	1.1485
9:29:11	20.7856	0.1136	1.133
9:29:20	20.7856	0.113	1.1104
9:29:30	20.7876	0.113	1.1158
9:29:40	20.7876	0.1112	1.1467
9:29:50	20.7876	0.113	1.133
9:30:00	20.7876	0.1148	1.1158
9:30:10	20.7856	0.1166	1.1176
9:30:21	20.7796	0.1208	1.1104
9:30:30	20.7816	0.1208	1.1158
9:30:40	20.7781	0.1249	1.1217
9:30:50	20.7796	0.1339	1.12
9:31:01	20.7836	0.1184	1.1158
9:31:10	20.7796	0.1243	0.6409
9:31:20	17.0222	6.0618	0.9789
9:31:31	10.562	7.6989	2.4548
9:31:40	9.6366	7.7667	4.1413
9:31:50	9.5051	7.7751	3.9943
9:32:00	9.4229	7.8858	3.3534
9:32:11	9.1998	8.0512	2.7488
9:32:20	9.0189	8.1399	2.3709
9:32:30	8.8891	8.2077	2.1114
9:32:40	8.8183	8.2381	1.8882

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:32:50	8.8219	8.2161	1.7323
9:33:00	8.8623	8.1643	1.5931
9:33:10	8.9671	8.081	1.4937
9:33:21	9.095	8.0238	1.4116
9:33:30	9.1444	8.0304	1.3259
9:33:40	9.1218	8.0768	1.242
9:33:50	9.0813	8.0982	1.1634
9:34:00	9.1081	8.0661	1.1063
9:34:10	9.2325	7.9352	1.0473
9:34:20	9.4723	7.7644	1.0075
9:34:31	9.7437	7.5846	0.9575
9:34:40	9.9574	7.4674	0.9254
9:34:50	10.0294	7.4591	0.8944
9:35:00	10.024	7.4615	0.851
9:35:10	9.9591	7.4906	0.8242
9:35:20	9.9115	7.4888	0.8087
9:35:30	9.9687	7.4055	0.7819
9:35:41	10.121	7.2544	0.7534
9:35:50	10.2811	7.1681	0.7308
9:36:00	10.3097	7.1728	0.7248
9:36:10	10.2317	7.2502	0.7099
9:36:21	10.0942	7.3484	0.7171
9:36:30	9.9722	7.4269	0.7135
9:36:40	9.8996	7.4656	0.7266
9:36:51	9.8925	7.4573	0.7099
9:37:00	9.9627	7.4031	0.6867
9:37:10	10.0448	7.3406	0.7022
9:37:20	10.1668	7.2561	0.6909
9:37:31	10.262	7.2377	0.6564
9:37:40	10.2853	7.2585	0.6373
9:37:50	10.2376	7.3186	0.6105
9:38:00	10.1781	7.3567	0.5969
9:38:10	10.1704	7.3502	0.582
9:38:20	10.2567	7.2609	0.5683
9:38:30	10.4073	7.1395	0.5475
9:38:41	10.5941	7.0133	0.532
9:38:50	10.7274	6.9633	0.532
9:39:00	10.7108	7.0211	0.5397
9:39:10	10.5977	7.1205	0.5379
9:39:20	10.4263	7.2288	0.5248
9:39:30	10.2757	7.3043	0.5248
9:39:40	10.2335	7.2651	0.5171
9:39:51	10.3406	7.1621	0.4963
9:40:00	10.4686	7.0693	0.4903

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:40:10	10.5525	7.0514	0.4731
9:40:20	10.4876	7.1484	0.4653
9:40:30	10.3596	7.2323	0.479
9:40:40	10.2698	7.3514	0.4731
9:40:50	10.1037	6.9015	0.46
9:41:01	9.9835	7.4656	0.4505
9:41:10	10.0181	7.4019	0.4522
9:41:20	10.1442	7.3073	0.4445
9:41:30	10.2739	7.2484	0.4445
9:41:41	10.2811	7.302	0.4368
9:41:50	10.1704	7.424	0.429
9:42:00	9.999	7.5549	0.4386
9:42:11	9.8806	7.6198	0.4386
9:42:20	9.8633	7.5811	0.4368
9:42:30	10.0181	7.4626	0.4314
9:42:40	10.1972	7.3371	0.4142
9:42:51	10.3329	7.2591	0.4368
9:43:00	10.3769	7.2532	0.4219
9:43:10	10.3555	7.2799	0.4386
9:43:20	10.293	7.3097	0.4445
9:43:30	10.2257	7.327	0.4445
9:43:40	10.2162	7.321	0.4463
9:43:50	10.2162	7.3151	0.4481
9:44:01	10.224	7.3055	0.4368
9:44:10	10.224	7.3032	0.4505
9:44:20	10.2698	7.2621	0.4272
9:44:30	10.3138	7.2401	0.4159
9:44:40	10.3769	7.1919	0.4046
9:44:50	10.3995	7.1883	0.4046

**Start Run 4B**

9:45:00	10.4013	7.1859	0.4005
9:45:11	10.3823	7.205	0.3874
9:45:20	10.3388	7.224	0.3778
9:45:30	10.3097	7.2317	0.3475
9:45:40	10.3483	7.1728	0.3433
9:45:50	10.3882	7.1484	0.3302
9:46:00	10.4394	7.108	0.3433
9:46:10	10.4721	7.0836	0.3475
9:46:21	10.512	7.0508	0.3189
9:46:30	10.5429	7.0235	0.3189
9:46:40	10.5786	6.9985	0.3088
9:46:50	10.5882	6.9907	0.3017
9:47:00	10.6019	6.9812	0.3189

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:47:10	10.6054	6.9622	0.2939
9:47:20	10.6149	6.9693	0.2862
9:47:31	10.6036	6.9794	0.2707
9:47:40	10.581	6.983	0.2826
9:47:50	10.6132	6.9407	0.2785
9:48:00	10.6685	6.8937	0.2785
9:48:11	10.7012	6.8848	0.2785
9:48:20	10.6971	6.9211	0.2731
9:48:30	10.634	7.0258	0.2749
9:48:41	10.4971	7.149	0.2707
9:48:50	10.3079	7.3073	0.2654
9:49:00	10.0865	7.4436	0.2576
9:49:10	9.9645	7.4722	0.2559
9:49:21	9.9859	7.4353	0.2636
9:49:30	10.0674	7.349	0.2517
9:49:40	10.1996	7.2663	0.2344
9:49:50	10.2644	7.2722	0.2404
9:50:00	10.1668	7.3835	0.2386
9:50:10	9.9954	7.4966	0.2326
9:50:20	9.8121	7.5977	0.2326
9:50:31	9.6937	7.6424	0.2196
9:50:40	9.711	7.5811	0.2196
9:50:50	9.8693	7.4513	0.2136
9:51:00	10.024	7.3561	0.2196
9:51:10	10.1704	7.2805	0.2178
9:51:20	10.2472	7.2609	0.2196
9:51:30	10.2567	7.2966	0.2231
9:51:41	10.1686	7.4079	0.2273
9:51:50	10.005	7.5061	0.2404
9:52:00	9.9264	7.5293	0.2636
9:52:10	9.9954	7.4531	0.2636
9:52:20	10.1496	7.3436	0.2689
9:52:30	10.3061	7.2371	0.2898
9:52:40	10.4453	7.1526	0.2862
9:52:51	10.493	7.1937	0.2844
9:53:00	10.3977	7.2907	0.2862
9:53:10	10.2793	7.3734	0.2957
9:53:20	10.1746	7.4371	0.3052
9:53:31	10.1555	7.4293	0.3148
9:53:40	10.2144	7.3764	0.3148
9:53:50	10.3097	7.3067	0.307
9:54:01	10.4281	7.2234	0.2993
9:54:10	10.4912	7.2192	0.2922
9:54:20	10.4453	7.302	0.2922

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
9:54:30	10.3269	7.3775	0.288
9:54:41	10.2353	7.4478	0.2922
9:54:50	10.1918	7.4519	0.288
9:55:00	10.1936	7.4537	0.2862
9:55:10	10.2507	7.3936	0.288
9:55:20	10.3501	7.3079	0.2862
9:55:30	10.4971	7.1889	0.2922
9:55:40	10.678	7.0615	0.2785
9:55:51	10.7488	7.0967	0.2636
9:56:00	10.5905	7.2323	0.2636
9:56:10	10.3805	7.3716	0.2463
9:56:20	10.2299	7.4311	0.2404
9:56:30	10.1157	7.4906	0.2422
9:56:40	10.1555	7.4269	0.2481
9:56:50	10.2549	7.3674	0.2404
9:57:01	10.3138	7.3597	0.2422
9:57:10	10.2507	7.4573	0.2368
9:57:20	10.1115	7.5954	0.2249
9:57:30	9.8752	7.7858	0.2249
9:57:40	9.6366	7.9209	0.2559
9:57:50	10.1228	7.1609	0.2481
9:58:00	10.2204	7.4728	0.2559
9:58:11	9.8104	7.7334	0.2785
9:58:20	9.6901	7.859	0.2803
9:58:30	9.5795	7.9804	0.2672
9:58:40	9.5604	7.9649	0.2707
9:58:51	9.589	7.9328	0.2862
9:59:00	9.589	7.9435	0.2785
9:59:10	9.5586	7.9435	0.2707
9:59:21	9.5735	7.8941	0.2636
9:59:30	9.6693	7.8025	0.2576
9:59:40	9.7913	7.7168	0.2707
9:59:50	9.8901	7.4859	0.2368
10:00:01	9.974	7.4382	0.2326
10:00:10	10.1097	7.4656	0.2344
10:00:20	10.0181	7.6287	0.2326
10:00:30	9.9282	7.6935	0.2291
10:00:40	9.852	7.7304	0.2249
10:00:50	9.7889	7.759	0.2178
10:01:00	9.7455	7.7584	0.2309
10:01:11	9.7645	7.7197	0.2541
10:01:20	9.833	7.6626	0.2249
10:01:30	9.8978	7.6739	0.2023
10:01:40	9.8443	7.7531	0.2136



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:01:50	9.705	7.8697	0.2196
10:02:00	9.5949	7.8864	0.2291
10:02:10	9.7074	7.59	0.2273
10:02:21	9.6538	7.7519	0.2196
10:02:30	9.5318	7.8834	0.2326
10:02:40	9.5586	7.8709	0.2326
10:02:50	9.711	7.7489	0.2273
10:03:00	9.9074	7.6346	0.2118
10:03:10	10.0353	7.5811	0.2041
10:03:20	10.0716	7.5775	0.2178
10:03:31	10.0353	7.6061	0.2041
10:03:40	9.9722	7.6269	0.185
10:03:50	10.0145	7.54	0.185
10:04:00	10.1936	7.3716	0.1737
10:04:11	10.4245	7.2157	0.1719
10:04:20	10.6072	7.1074	0.1719
10:04:30	10.7161	7.0502	0.1815
10:04:41	10.7524	7.0598	0.1797
10:04:50	10.6667	7.1627	0.16
10:05:00	10.493	7.2728	0.1565
10:05:10	10.3424	7.3502	0.1374
10:05:21	10.2811	7.3627	0.1529
10:05:30	10.3364	7.2936	0.1565
10:05:40	10.4852	7.1645	0.1529
10:05:50	10.6762	7.0407	0.1487
10:06:00	10.8363	6.9598	0.1315
10:06:10	10.8667	7.002	0.1719
10:06:20	10.7411	7.1216	0.1565
10:06:31	10.5691	7.2407	0.1737
10:06:40	10.4245	7.3216	0.1737
10:06:50	10.3727	7.3204	0.185
10:07:00	10.4739	7.2163	0.1892
10:07:10	10.6721	7.0782	0.1892
10:07:20	10.8518	6.983	0.1963
10:07:30	10.9756	6.9532	0.1892
10:07:41	11.0024	6.9639	0.1868
10:07:50	10.9601	7.0175	0.1832
10:08:00	10.8994	7.0407	0.1678
10:08:10	10.8762	7.0348	0.1678
10:08:20	10.8536	7.0246	0.16
10:08:30	10.9089	6.9485	0.185
10:08:40	11.0083	6.8503	0.1737
10:08:51	11.1261	6.7687	0.1583
10:09:00	11.1642	6.7753	0.1529

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:09:10	11.0922	6.855	0.1529
10:09:20	10.9601	6.9455	0.1529
10:09:30	10.8	7.0479	0.1678
10:09:40	10.678	7.0984	0.1678
10:09:50	10.6322	7.0907	0.1678
10:10:01	10.6917	7.0282	0.166
10:10:10	10.7851	6.9526	0.1719
10:10:20	10.8935	6.8854	0.1678
10:10:30	10.9452	6.8854	0.1696
10:10:41	10.9167	6.9354	0.1529
10:10:50	10.8286	7.0151	0.1452
10:11:00	10.6798	7.1187	0.16
10:11:11	10.5501	7.1889	0.1624
10:11:20	10.4852	7.2026	0.1719
10:11:30	10.5138	7.1532	0.1737
10:11:40	10.6173	7.0532	0.1642
10:11:51	10.7429	6.9842	0.1374
10:12:00	10.7869	6.9967	0.1547
10:12:10	10.7619	7.0336	0.1487
10:12:20	10.703	7.0919	0.1392
10:12:30	10.634	7.1312	0.1529
10:12:40	10.6036	7.127	0.1469
10:12:50	10.6399	7.0824	0.1642
10:13:01	10.7143	7.0068	0.1624
10:13:10	10.831	6.9205	0.1529
10:13:20	10.9167	6.8812	0.16
10:13:30	10.903	6.9479	0.1678
10:13:40	10.7828	7.0532	0.1469
10:13:50	10.6477	7.149	0.1529
10:14:00	10.5328	7.2294	0.1374
10:14:11	10.4686	7.249	0.1452
10:14:20	10.4799	7.2163	0.1374
10:14:30	10.5596	7.1383	0.1339
10:14:40	10.6608	7.0705	0.1297
10:14:50	10.7429	7.0592	0.1243
10:15:00	10.7203	7.1032	0.1166
10:15:10	10.6703	7.1478	0.1148
10:15:21	10.5769	7.2175	0.1089
10:15:30	10.4834	7.2674	0.0934
10:15:40	10.4947	7.1913	0.1011
10:15:50	10.6054	7.1216	0.1053
10:16:01	10.6798	7.0615	0.1089
10:16:10	10.7774	6.9996	0.1124
10:16:20	10.831	7.0127	0.1243

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:16:31	10.8113	7.058	0.1374
10:16:40	10.7542	7.1157	0.1339
10:16:50	10.7108	7.1365	0.1279
10:17:00	10.6667	7.1806	0.1261
10:17:11	10.6019	7.224	0.1297
10:17:20	10.581	7.205	0.1315
10:17:30	10.653	7.13	0.122
10:17:40	10.7584	7.0461	0.1243
10:17:50	10.8595	7.0098	0.1243
10:18:00	10.8917	7.0312	0.1243
10:18:10	10.8518	7.0967	0.1374
10:18:21	10.7732	7.1675	0.1452
10:18:30	10.7221	7.1919	0.1469
10:18:40	10.7161	7.1835	0.1565
10:18:50	10.703	7.1966	0.1678
10:19:00	10.7488	7.1407	0.1696
10:19:10	10.8018	7.0949	0.1815
10:19:20	10.8839	7.0419	0.1832
10:19:31	10.9565	7.0205	0.185
10:19:40	10.9756	7.0437	0.1696
10:19:50	10.9869	7.0532	0.185
10:20:00	10.9393	7.1139	0.1797
10:20:10	10.8613	7.1591	0.1815
10:20:20	10.8078	7.1865	0.166
10:20:30	10.831	7.1377	0.1737
10:20:41	10.8994	7.0782	0.1737
10:20:50	10.947	7.0395	0.1487
10:21:00	10.9988	6.9758	0.1452
10:21:10	11.069	6.9395	0.141
10:21:21	11.1285	6.8997	0.1106
10:21:30	11.1547	6.9003	0.1166
10:21:40	11.1131	6.9485	0.1011
10:21:51	11.0178	7.0121	0.1011
10:22:00	10.9185	7.0734	0.0898
10:22:10	10.8345	7.1097	0.0708
10:22:20	10.8078	7.0919	0.0857
10:22:31	10.8762	7.0133	0.0857
10:22:40	10.9851	6.9175	0.0726
10:22:50	11.0863	6.8616	0.0761
10:23:00	11.1113	6.8854	0.0761
10:23:10	11.0613	6.9366	0.0916
10:23:20	10.9928	6.9866	0.1011
10:23:30	10.9506	6.9907	0.1089
10:23:41	10.9167	7.0098	0.1106

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:23:50	10.8595	7.049	0.1089
10:24:00	10.7965	7.0859	0.1089
10:24:10	10.7732	7.0782	0.1011
10:24:20	10.8155	7.0187	0.1011
10:24:30	10.9054	6.9461	0.1071
10:24:40	11.0101	6.8634	0.1089
10:24:51	11.1089	6.8211	0.1279
10:25:00	11.0958	6.8866	0.141
10:25:10	11.0291	6.9449	0.1529
10:25:20	10.9565	6.9996	0.1583
10:25:30	10.8976	7.0449	0.1678
10:25:40	10.8613	7.0723	0.1815
10:25:50	10.8191	7.0972	0.1815
10:26:01	10.8095	7.0907	0.1963
10:26:10	10.8476	7.0461	0.1892
10:26:20	10.8994	6.9991	0.1832
10:26:30	10.9601	6.9407	0.1815
10:26:41	10.9756	6.9622	0.1815
10:26:50	10.8786	7.0621	0.16
10:27:00	10.7125	7.1835	0.16
10:27:11	10.5406	7.2907	0.1678
10:27:20	10.4227	7.3478	0.1755
10:27:30	10.2811	7.4507	0.1737
10:27:40	10.1573	7.5007	0.1737
10:27:51	10.1252	7.4853	0.1678
10:28:00	10.2067	7.396	0.1678
10:28:10	10.3293	7.3311	0.1583
10:28:20	10.3864	7.3097	0.1547
10:28:30	10.4055	7.302	0.16
10:28:40	10.3995	7.3186	0.16
10:28:50	10.3674	7.3478	0.1642
10:29:01	10.3269	7.3805	0.1678
10:29:10	10.262	7.4257	0.1529
10:29:20	10.2049	7.44	0.1529
10:29:30	10.2353	7.3889	0.1452
10:29:40	10.3745	7.2716	0.1374
10:29:50	10.5066	7.1877	0.1374
10:30:00	10.6191	7.1294	0.1089
10:30:11	10.6495	7.1585	0.1011
10:30:20	10.6149	7.2109	0.0803
10:30:30	10.531	7.2788	0.0934
10:30:40	10.4376	7.3448	0.0743
10:30:50	10.3293	7.4156	0.0726
10:31:00	10.2472	7.4513	0.0857

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:31:10	10.2204	7.4377	0.0803
10:31:21	10.2966	7.3531	0.0952
10:31:30	10.3519	7.3133	0.0934
10:31:40	10.3942	7.2799	0.088
10:31:50	10.3977	7.3216	0.0857
10:32:00	10.3519	7.3609	0.088
10:32:10	10.3061	7.3996	0.0952
10:32:20	10.2204	7.4674	0.1029
10:32:31	10.14	7.5114	0.1124
10:32:40	10.0603	7.5698	0.1243
10:32:50	9.9877	7.6025	0.1243
10:33:00	9.98	7.5846	0.1243
10:33:11	10.0335	7.5287	0.1261
10:33:20	10.0924	7.4966	0.1374
10:33:30	10.1496	7.4763	0.1315
10:33:41	10.1764	7.4936	0.1452
10:33:50	10.146	7.5448	0.1452
10:34:00	10.0811	7.5948	0.1487
10:34:10	10.0181	7.634	0.141
10:34:21	9.9859	7.6346	0.141
10:34:30	10.0145	7.6025	0.1374
10:34:40	10.0561	7.5483	0.1452
10:34:50	10.146	7.4722	0.1452
10:35:00	10.2222	7.4127	0.1452
10:35:10	10.268	7.3918	0.1356
10:35:20	10.2644	7.4109	0.1297
10:35:31	10.2525	7.4061	0.1243
10:35:40	10.2948	7.3514	0.1243
10:35:50	10.287	7.3978	0.1148
10:36:00	10.19	7.4597	0.1053
10:36:10	10.1079	7.4894	0.1029
10:36:20	10.0734	7.4989	0.1011
10:36:30	10.0942	7.4609	0.1011
10:36:41	10.1537	7.4109	0.1011
10:36:50	10.2204	7.3781	0.1011
10:37:00	10.2376	7.3912	0.1011
10:37:10	10.1954	7.4543	0.1011
10:37:20	10.1115	7.521	0.0976
10:37:30	10.0181	7.5936	0.0952
10:37:40	9.9056	7.6697	0.1029
10:37:51	9.8502	7.6834	0.0857
10:38:00	9.8711	7.6412	0.0934
10:38:10	9.974	7.5644	0.0934
10:38:20	10.0734	7.5186	0.1089

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:38:31	10.1228	7.5049	0.1106
10:38:40	10.1496	7.5168	0.1089
10:38:50	10.1347	7.5483	0.1011
10:39:01	10.0984	7.5721	0.0934
10:39:10	10.0752	7.5894	0.0993
10:39:20	10.0752	7.5846	0.1053
10:39:30	10.096	7.562	0.1011
10:39:41	10.1514	7.515	0.1011
10:39:50	10.1972	7.4859	0.0952
10:40:00	10.2299	7.4561	0.0934
10:40:10	10.224	7.4841	0.0934
10:40:20	10.1746	7.543	0.0934
10:40:30	10.1079	7.5995	0.0952
10:40:40	10.0508	7.6305	0.0934
10:40:51	10.0026	7.6626	0.088
10:41:00	9.9514	7.6805	0.0857
10:41:10	9.9645	7.6436	0.0821
10:41:20	10.0008	7.6251	0.0993
10:41:30	10.0181	7.6084	0.1011
10:41:40	10.0579	7.5918	0.1148
10:41:50	10.0544	7.6287	0.1166
10:42:01	9.9972	7.684	0.0952
10:42:10	9.9187	7.7293	0.0839
10:42:20	9.883	7.7269	0.0726
10:42:30	9.8996	7.6709	0.0934
10:42:40	9.9764	7.6198	0.0857
10:42:50	10.0294	7.5763	0.0785
10:43:00	10.0984	7.5108	0.0857
10:43:11	10.1514	7.4888	0.0934
10:43:20	10.2013	7.4543	0.1106
10:43:30	10.2412	7.4507	0.1011
10:43:40	10.2144	7.4763	0.1011
10:43:51	10.1936	7.4775	0.1243
10:44:00	10.1823	7.487	0.1297
10:44:10	10.1805	7.4704	0.1166
10:44:21	10.1859	7.4615	0.1124
10:44:30	10.2472	7.396	0.1279
10:44:40	10.3156	7.3674	0.1243
10:44:50	10.3233	7.3948	0.1089
10:45:01	10.2716	7.4626	0.0821
10:45:10	10.2031	7.5103	0.0708
10:45:20	10.1115	7.5704	0.0571
10:45:30	10.0353	7.6144	0.0708
10:45:40	9.9972	7.6144	0.0785

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:45:50	10.0389	7.5573	0.0839
10:46:00	10.1514	7.468	0.0934
10:46:11	10.2853	7.4055	0.1011
10:46:20	10.3329	7.4103	0.1166
10:46:30	10.3233	7.4478	0.1011
10:46:40	10.2739	7.4841	0.1011
10:46:50	10.2376	7.5025	0.0934
10:47:00	10.2186	7.518	0.0934
10:47:10	10.1859	7.5519	0.0976
10:47:21	10.1383	7.5733	0.0934
10:47:30	10.1365	7.5513	0.0934
10:47:40	10.1573	7.5269	0.0857

**Start Calibration**

10:47:50	10.1746	7.5025	0.1053
10:48:00	10.2162	7.4918	3.3552
10:48:10	10.8042	5.4232	0.2445
10:48:20	4.5305	0.4945	0.122
10:48:31	0.5361	0.3142	0.0976
10:48:40	0.1642	0.2564	0.0857
10:48:50	0.0821	0.2207	0.0934
10:49:00	0.044	0.1987	0.0857
10:49:11	0.0154	0.1803	0.0857
10:49:20	0.0017	0.169	0.0857
10:49:30	-0.0131	0.1487	0.0934
10:49:41	-0.0268	0.1428	0.0934
10:49:50	-0.0322	0.1374	0.0857

**Zero Bias            -0.02403    0.142967    0.090833**

10:50:00	-0.0399	0.1344	0.1696
10:50:10	-0.0381	0.1374	0.8129
10:50:21	6.5349	6.8431	9.3771
10:50:30	13.5298	0.4082	11.5481
10:50:40	19.2292	0.2053	11.9539
10:50:50	19.9251	0.1594	12.1069
10:51:00	20.0721	0.1398	12.1985
10:51:10	20.1371	0.1285	12.2402
10:51:20	20.1768	0.1231	12.2634
10:51:31	20.2035	0.1166	12.292
10:51:40	20.2267	0.113	12.3068
10:51:50	20.2418	0.1053	12.3318
10:52:00	20.2534	0.1023	12.3527
10:52:10	20.263	0.0999	12.3795
10:52:20	20.2725	0.0993	12.3699

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:52:30	20.2801	0.0987	12.3908
10:52:41	20.2841	0.0964	12.389
<b>THC Mid Bias</b>	<b>20.2789</b>	<b>0.098133</b>	<b>12.38323</b>
10:52:50	20.2896	0.094	12.3664
10:53:00	20.2952	0.0934	12.3664
10:53:10	20.2952	0.0946	5.9421
10:53:20	19.9482	1.4538	0.9331
10:53:30	12.8145	6.88	0.6695
10:53:40	10.7274	7.2478	0.5421
10:53:51	10.3233	7.3692	0.479
10:54:00	10.2204	7.3871	0.4427
10:54:10	10.2507	7.3484	0.3951
10:54:20	10.312	7.3109	0.3701

**Resume Run 4B**

10:54:30	10.3483	7.3079	0.3511
10:54:40	10.3293	7.3478	0.3285
10:54:50	10.2603	7.3883	0.307
10:55:01	10.1918	7.4341	0.2803
10:55:10	10.1192	7.4597	0.2594
10:55:20	10.0579	7.4864	0.2559
10:55:30	10.0026	7.4989	0.2481
10:55:41	9.9669	7.4972	0.2422
10:55:50	9.902	7.5585	0.2326
10:56:00	9.7455	7.6763	0.2249
10:56:11	9.5777	7.8001	0.2178
10:56:20	9.4039	7.8983	0.2082
10:56:30	9.2837	7.956	0.2118
10:56:40	9.2075	7.9887	0.1987
10:56:51	9.1789	7.984	0.1892
10:57:00	9.2551	7.9108	0.1892
10:57:10	9.4265	7.7775	0.1815
10:57:20	9.6616	7.6412	0.1815
10:57:30	9.8467	7.5763	0.185
10:57:40	9.9282	7.5912	0.1565
10:57:50	9.8865	7.6596	0.166
10:58:01	9.7681	7.7513	0.16
10:58:10	9.6348	7.8221	0.1642
10:58:20	9.5545	7.8399	0.16
10:58:30	9.583	7.7888	0.1547
10:58:40	9.6711	7.7108	0.1529
10:58:50	9.8086	7.6132	0.1529
10:59:00	9.9496	7.5674	0.1452



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
10:59:11	9.921	7.643	0.1452
10:59:20	9.8199	7.7084	0.1547
10:59:30	9.6919	7.7971	0.1529
10:59:40	9.5967	7.8399	0.1529
10:59:50	9.5182	7.8804	0.1505
11:00:00	9.5182	7.8542	0.1529
11:00:10	9.5545	7.8197	0.1452
11:00:21	9.5812	7.8185	0.1374
11:00:30	9.564	7.8441	0.1452
11:00:40	9.5051	7.9054	0.1529
11:00:50	9.4116	7.9602	0.16
11:01:01	9.3027	8.0363	0.1719
11:01:10	9.2248	8.0822	0.1815
11:01:20	9.2492	8.0226	0.1963
11:01:31	9.3676	7.9465	0.1892
11:01:40	9.4592	7.8983	0.1678
11:01:50	9.5164	7.8739	0.1719
11:02:00	9.5527	7.8762	0.1737
11:02:11	9.5033	7.9411	0.1737
11:02:20	9.4152	8.0161	0.1892
11:02:30	9.295	8.0976	0.21
11:02:40	9.2206	8.1321	0.2041
11:02:50	9.2724	8.0613	0.1987
11:03:00	9.4194	7.956	0.1963
11:03:10	9.5777	7.8566	0.1963
11:03:21	9.7145	7.7917	0.1892
11:03:30	9.736	7.8144	0.1696
11:03:40	9.6634	7.8804	0.1529
11:03:50	9.5985	7.9268	0.1505
11:04:00	9.4938	7.9977	0.1374
11:04:10	9.4265	8.0226	0.1529
11:04:20	9.461	7.9596	0.1315
11:04:31	9.583	7.8727	0.1374
11:04:40	9.7032	7.8007	0.1452
11:04:50	9.7854	7.7781	0.1487
11:05:00	9.7741	7.828	0.1315
11:05:10	9.6652	7.9024	0.16
11:05:20	9.5622	7.9619	0.1529
11:05:30	9.4819	7.9887	0.1392
11:05:41	9.4325	8.0018	0.1452
11:05:50	9.4955	7.9167	0.1339
11:06:00	9.5985	7.8465	0.1392
11:06:10	9.7145	7.7727	0.1452
11:06:21	9.7836	7.762	0.1374

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:06:30	9.7586	7.8191	0.1452
11:06:40	9.686	7.8762	0.1356
11:06:51	9.589	7.9465	0.1529
11:07:00	9.5146	7.9768	0.1529
11:07:10	9.5491	7.9108	0.1583
11:07:20	9.6806	7.8161	0.1642
11:07:31	9.8104	7.7269	0.1678
11:07:40	9.955	7.6299	0.1547
11:07:50	10.0216	7.64	0.1529
11:08:00	9.9514	7.7138	0.166
11:08:10	9.8276	7.8102	0.1642
11:08:20	9.7092	7.8578	0.1719
11:08:30	9.7092	7.8269	0.16
11:08:41	9.7818	7.7513	0.1505
11:08:50	9.9401	7.634	0.1583
11:09:00	10.1323	7.4995	0.1565
11:09:10	10.2906	7.4311	0.1719
11:09:20	10.3329	7.4597	0.16
11:09:30	10.262	7.5245	0.1505
11:09:40	10.1823	7.5894	0.1452
11:09:51	10.0294	7.6953	0.1356
11:10:00	9.9091	7.74	0.1469
11:10:10	9.9437	7.6596	0.1434
11:10:20	10.0924	7.5537	0.1148
11:10:30	10.2335	7.4615	0.1184
11:10:40	10.3519	7.4055	0.122
11:10:50	10.3805	7.424	0.122
11:11:01	10.3025	7.5019	0.122
11:11:10	10.1746	7.584	0.1297
11:11:20	10.0811	7.6209	0.1243
11:11:30	10.0317	7.6346	0.1148
11:11:41	10.0907	7.5406	0.1124
11:11:50	10.2603	7.415	0.1089
11:12:00	10.4203	7.3121	0.1071
11:12:11	10.5328	7.2609	0.1011
11:12:20	10.531	7.2936	0.1011
11:12:30	10.4168	7.3924	0.1011
11:12:40	10.2525	7.5019	0.0993
11:12:51	10.0942	7.5954	0.1011
11:13:00	10.0561	7.5799	0.1106
11:13:10	10.1287	7.4995	0.1124
11:13:20	10.243	7.4246	0.1184
11:13:30	10.346	7.3639	0.1106
11:13:40	10.4055	7.3591	0.1071

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:13:50	10.3745	7.421	0.1011
11:14:01	10.2507	7.5192	0.0952
11:14:10	10.1037	7.6192	0.1011
11:14:20	9.9722	7.6888	0.0934
11:14:30	9.9151	7.7019	0.0993
11:14:40	9.9913	7.6168	0.1053
11:14:50	10.1347	7.5049	0.0993
11:15:00	10.3233	7.3853	0.1089
11:15:11	10.4757	7.3133	0.0821
11:15:20	10.4912	7.3508	0.0952
11:15:30	10.4376	7.3859	0.1011
11:15:40	10.384	7.4073	0.0839
11:15:50	10.3251	7.4519	0.088
11:16:00	10.2888	7.4537	0.1106
11:16:10	10.3805	7.352	0.0934
11:16:21	10.556	7.2175	0.0934
11:16:30	10.7488	7.0972	0.1053
11:16:40	10.8476	7.0883	0.1029
11:16:50	10.806	7.1734	0.1053
11:17:00	10.6399	7.299	0.1011
11:17:10	10.4132	7.4555	0.1148
11:17:20	10.1877	7.5924	0.1374
11:17:31	10.0621	7.6644	0.1315
11:17:40	10.0026	7.7156	0.16
11:17:50	9.9954	7.7376	0.1892
11:18:00	9.974	7.8001	0.2041
11:18:11	9.9306	7.8596	0.2154
11:18:20	9.9246	7.8578	0.2136
11:18:30	9.999	7.803	0.2005
11:18:41	10.077	7.7489	0.1963
11:18:50	10.1514	7.7049	0.2118
11:19:00	10.1877	7.7072	0.2041
11:19:10	10.1002	7.8054	0.1963
11:19:21	9.9514	7.9072	0.1892
11:19:30	9.7949	8.003	0.1928
11:19:40	9.7145	8.0268	0.1963
11:19:50	9.7413	7.975	0.2041
11:20:00	9.883	7.8507	0.2059
11:20:10	10.0621	7.7293	0.2178
11:20:20	10.1972	7.6549	0.2118
11:20:31	10.243	7.6572	0.2118
11:20:40	10.1918	7.7126	0.2041
11:20:50	10.096	7.759	0.1963
11:21:00	10.024	7.7781	0.1963

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:21:10	9.999	7.7727	0.2041
11:21:20	9.999	7.7429	0.2041
11:21:30	10.0984	7.6436	0.2041
11:21:41	10.2549	7.5263	0.1832
11:21:50	10.3483	7.4966	0.1755
11:22:00	10.2948	7.5805	0.1583
11:22:10	10.1174	7.7055	0.141
11:22:20	9.9591	7.7894	0.1392
11:22:30	9.8348	7.8346	0.1374
11:22:40	9.7949	7.8292	0.1374
11:22:51	9.7985	7.7983	0.1452
11:23:00	9.8657	7.7382	0.1374
11:23:10	9.9306	7.6977	0.1505
11:23:20	9.9282	7.7293	0.1392
11:23:31	9.8312	7.8239	0.1297
11:23:40	9.6729	7.9369	0.1315
11:23:50	9.5318	8.0226	0.1297
11:24:01	9.4265	8.0685	0.1374
11:24:10	9.4134	8.0482	0.16
11:24:20	9.5562	7.9245	0.1678
11:24:30	9.6997	7.8495	0.16
11:24:41	9.8121	7.7846	0.1696
11:24:50	9.8883	7.7519	0.1529
11:25:00	9.9115	7.7864	0.1261
11:25:10	9.8752	7.806	0.122
11:25:20	9.8633	7.8054	0.1011
11:25:30	9.8484	7.806	0.1106
11:25:40	9.8026	7.8274	0.1089
11:25:51	9.8104	7.7846	0.1071
11:26:00	9.852	7.7358	0.1011
11:26:10	9.8961	7.7156	0.0934
11:26:20	9.8657	7.7739	0.1184
11:26:30	9.7473	7.8632	0.1166
11:26:40	9.6402	7.9209	0.1166
11:26:50	9.5301	7.9923	0.122
11:27:01	9.4533	8.0215	0.122
11:27:10	9.4557	8.0018	0.1297
11:27:20	9.5336	7.9423	0.1089
11:27:30	9.6384	7.8566	0.1148
11:27:40	9.7473	7.809	0.1124
11:27:50	9.7836	7.8239	0.1124
11:28:00	9.7282	7.9102	0.122
11:28:11	9.6384	7.9786	0.1243
11:28:20	9.5586	8.0298	0.122

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:28:30	9.4747	8.0756	0.1106
11:28:40	9.4628	8.0375	0.1089
11:28:51	9.5562	7.9548	0.1089
11:29:00	9.6842	7.8566	0.1089
11:29:10	9.7871	7.8078	0.1166
11:29:21	9.8121	7.8167	0.1166
11:29:30	9.7586	7.8947	0.1053
11:29:40	9.6556	7.9869	0.1148
11:29:50	9.5354	8.0494	0.1124
11:30:01	9.5182	8.0357	0.122
11:30:10	9.5414	8.0054	0.1297
11:30:20	9.5908	7.9548	0.1297
11:30:30	9.6765	7.8887	0.1184
11:30:40	9.7378	7.8536	0.1166
11:30:50	9.7645	7.8429	0.1243
11:31:00	9.7681	7.8233	0.141
11:31:11	9.7586	7.8596	0.1487
11:31:20	9.6402	7.9369	0.16
11:31:30	9.5372	7.9768	0.1547
11:31:40	9.5432	7.9227	0.16
11:31:50	9.6193	7.859	0.1583
11:32:00	9.705	7.7911	0.1529
11:32:10	9.7455	7.8001	0.1452
11:32:21	9.6919	7.8643	0.1297
11:32:30	9.6098	7.9209	0.1202
11:32:40	9.5241	7.9834	0.1089
11:32:50	9.4497	8.006	0.1089
11:33:00	9.4325	8.0018	0.1089
11:33:10	9.4765	7.9459	0.1106
11:33:20	9.5795	7.8655	0.1148
11:33:31	9.6842	7.7971	0.1029
11:33:40	9.7758	7.7507	0.0993
11:33:50	9.8181	7.7513	0.1148
11:34:00	9.7871	7.7816	0.1148
11:34:11	9.7378	7.8084	0.1184
11:34:20	9.7205	7.8132	0.1124
11:34:30	9.6806	7.8399	0.1089
11:34:41	9.6693	7.8191	0.1297
11:34:50	9.7032	7.7888	0.1297
11:35:00	9.7645	7.7299	0.1315
11:35:10	9.8484	7.6971	0.1202
11:35:21	9.8788	7.7233	0.1261
11:35:30	9.7913	7.8161	0.1261
11:35:40	9.6842	7.8965	0.1166

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:35:50	9.5527	7.9947	0.122
11:36:00	9.4194	8.0697	0.1374
11:36:10	9.3771	8.0566	0.1339
11:36:20	9.4307	7.9965	0.1452
11:36:31	9.5527	7.8977	0.1452
11:36:40	9.6824	7.8221	0.1452
11:36:50	9.7586	7.8155	0.1469
11:37:00	9.7336	7.856	0.1339
11:37:10	9.6669	7.9227	0.1374
11:37:20	9.5949	7.9572	0.1297
11:37:30	9.5717	7.9494	0.1374
11:37:41	9.6443	7.8733	0.1374
11:37:50	9.7663	7.7781	0.1261
11:38:00	9.9169	7.6805	0.1297
11:38:10	10.0163	7.6436	0.1184
11:38:20	10.0163	7.687	0.0976
11:38:30	9.9264	7.7507	0.0857
11:38:40	9.8157	7.8292	0.0785
11:38:51	9.7205	7.8733	0.0571
11:39:00	9.6729	7.878	0.0476
11:39:10	9.7223	7.8179	0.0458
11:39:20	9.7967	7.7775	0.0595
11:39:30	9.8711	7.7215	0.0571
11:39:40	9.9228	7.6935	0.0476
11:39:50	9.9264	7.7114	0.0613
11:40:01	9.8371	7.7739	0.0648
11:40:10	9.7169	7.8405	0.0648
11:40:20	9.6402	7.8655	0.0648
11:40:30	9.6193	7.8376	0.0666
11:40:41	9.6955	7.7727	0.0666
11:40:50	9.7794	7.7072	0.0648
11:41:00	9.8484	7.6751	0.0571
11:41:11	9.8693	7.6965	0.0363
11:41:20	9.7967	7.7781	0.0571
11:41:30	9.7032	7.8352	0.0648
11:41:40	9.6235	7.8673	0.069
11:41:51	9.6193	7.8536	0.0476
11:42:00	9.6729	7.7947	0.0476
11:42:10	9.7663	7.7346	0.0404
11:42:20	9.8502	7.6674	0.0571
11:42:30	9.9401	7.6328	0.0553
11:42:40	9.9609	7.6489	0.0476
11:42:50	9.9246	7.6989	0.0571
11:43:01	9.8598	7.7519	0.0327

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:43:10	9.7776	7.7941	0.0267
11:43:20	9.7241	7.8167	0.019
11:43:30	9.7223	7.8025	0.0327
11:43:40	9.7413	7.7816	0.0208
11:43:50	9.7931	7.7334	0.0208
11:44:00	9.8425	7.7114	0.0232
11:44:11	9.8181	7.7614	0.0404
11:44:20	9.7645	7.8132	0.0345
11:44:30	9.6384	7.9274	0.0571
11:44:40	9.4914	8.0131	0.0571
11:44:50	9.3962	8.0405	0.0648
11:45:00	9.436	7.984	0.0648
11:45:10	9.5354	7.9036	0.0708
11:45:21	9.6669	7.8155	0.0785
11:45:30	9.7818	7.7685	0.0761
11:45:40	9.7949	7.803	0.0708
11:45:50	9.7532	7.8346	0.0857
11:46:01	9.705	7.8846	0.0839
11:46:10	9.6521	7.906	0.0785
11:46:20	9.6574	7.884	0.088
11:46:31	9.7568	7.8007	0.0785
11:46:40	9.8467	7.7435	0.0934
11:46:50	9.9341	7.6858	0.0916
11:47:00	10.0026	7.6543	0.0898
11:47:11	10.0145	7.6757	0.0916
11:47:20	9.9514	7.7412	0.1053
11:47:30	9.8943	7.7632	0.0934
11:47:40	9.8675	7.7846	0.1089
11:47:50	9.9377	7.7304	0.122
11:48:00	10.0698	7.6691	0.1374
11:48:10	10.2031	7.6186	0.1529
11:48:21	10.3001	7.5757	0.141
11:48:30	10.4227	7.5019	0.141
11:48:40	10.5138	7.4609	0.1374
11:48:50	10.5638	7.4513	0.1529
11:49:00	10.5465	7.4853	0.1279
11:49:10	10.4436	7.5704	0.1089
11:49:20	10.3293	7.6198	0.1184
11:49:31	10.2662	7.64	0.0934
11:49:40	10.2353	7.6406	0.0726
11:49:50	10.2376	7.6108	0.0726
11:50:00	10.3311	7.5216	0.0571
11:50:10	10.4453	7.4311	0.0476
11:50:20	10.5596	7.3555	0.0476

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:50:30	10.5959	7.349	0.0404
11:50:41	10.5447	7.4019	0.0404
11:50:50	10.4245	7.4882	0.0422
11:51:00	10.2966	7.5781	0.038
11:51:10	10.1704	7.6251	0.0404
11:51:21	10.1287	7.6239	0.0422
11:51:30	10.165	7.5727	0.0476
11:51:40	10.2299	7.5323	0.069
11:51:51	10.2662	7.5061	0.0726

**Start Calibration**

11:52:00	10.2793	7.5085	0.0648
11:52:10	10.2222	7.5745	2.7946
11:52:20	10.4489	6.1474	0.1678
11:52:31	4.4829	0.576	0.0476
11:52:40	0.5552	0.3535	0.0476
11:52:50	0.1719	0.2803	0.0499
11:53:00	0.088	0.2297	0.0648
11:53:10	0.0458	0.2005	0.0648
11:53:20	0.019	0.1827	0.0648
11:53:30	-4.6E-05	0.1702	0.0648
11:53:41	-0.0114	0.1588	0.0708
11:53:50	-0.0227	0.1505	0.0708
11:54:00	-0.0304	0.1458	0.0666

**Zero Bias            -0.0215    0.1517    0.0694**

11:54:10	-0.034	0.1404	0.2785
11:54:20	0.7671	2.1275	3.1302
11:54:30	6.5123	1.7895	10.7524
11:54:40	17.9396	0.2487	11.3803
11:54:51	19.7307	0.1749	11.5249
11:55:00	19.9976	0.1458	11.5897
11:55:10	20.0912	0.1315	11.6469
11:55:20	20.1406	0.1237	11.6719
11:55:30	20.1753	0.119	11.7766
11:55:40	20.202	0.1184	11.8647
11:55:50	20.2171	0.116	11.9313
11:56:01	20.2322	0.113	12.0212
11:56:10	20.2418	0.113	12.0837
11:56:20	20.2494	0.1095	12.0974
11:56:30	20.2574	0.11	12.1295
11:56:41	20.2574	0.11	12.1676
11:56:50	20.263	0.1083	12.1908
11:57:00	20.2725	0.1059	12.1908



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
11:57:11	20.2745	0.1059	12.1813
11:57:20	20.2801	0.1047	12.1962
<b>THC Bias</b>	<b>20.2757</b>	<b>0.1055</b>	<b>12.18943</b>
11:57:30	20.2841	0.1029	12.1962
11:57:40	20.2856	0.1029	11.6433
11:57:51	20.2856	0.1071	1.1176
11:58:00	14.7658	6.545	0.5361
11:58:10	10.9696	7.23	0.4177
11:58:20	10.4376	7.3341	0.3052
11:58:30	10.249	7.4597	0.2517
11:58:40	10.0829	7.5501	0.1815
11:58:50	9.9704	7.5948	0.1529

**Resume Run 4B**

11:59:01	9.9115	7.6156	0.1297
11:59:10	9.8806	7.6323	0.1148
11:59:20	9.8615	7.6251	0.1071
11:59:30	9.9359	7.5448	0.1011
11:59:40	10.0526	7.4621	0.0857
11:59:50	10.1573	7.4103	0.0857
12:00:00	10.1496	7.4615	0.0857
12:00:11	10.0621	7.5287	0.0857
12:00:20	9.9454	7.6245	0.0857
12:00:30	9.8157	7.6941	0.0898
12:00:40	9.7205	7.759	0.0857
12:00:50	9.6574	7.781	0.0898
12:01:00	9.6806	7.7459	0.0821
12:01:10	9.7794	7.6846	0.0785
12:01:21	9.8711	7.6305	0.0839
12:01:30	9.9454	7.5936	0.0785
12:01:40	9.9472	7.6192	0.0857
12:01:50	9.8961	7.6596	0.0785
12:02:00	9.8389	7.7025	0.0648
12:02:10	9.7741	7.7453	0.0571
12:02:20	9.705	7.7834	0.063
12:02:31	9.7128	7.7673	0.0743
12:02:40	9.7604	7.7269	0.0708
12:02:50	9.8062	7.7037	0.0571
12:03:00	9.877	7.6323	0.0761
12:03:11	9.955	7.59	0.0785
12:03:20	10.0621	7.5138	0.0708
12:03:30	10.096	7.5293	0.0708
12:03:41	10.0508	7.5763	0.0708

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:03:50	9.9496	7.659	0.0571
12:04:00	9.8389	7.7334	0.0708
12:04:10	9.7264	7.7894	0.0571
12:04:21	9.6711	7.8102	0.0499
12:04:30	9.736	7.7316	0.0571
12:04:40	9.8693	7.64	0.0571
12:04:50	9.9817	7.5858	0.0476
12:05:00	10.0008	7.6168	0.0363
12:05:10	9.9091	7.7138	0.0458
12:05:20	9.7395	7.8376	0.0404
12:05:31	9.6098	7.9161	0.0404
12:05:40	9.5104	7.9619	0.0327
12:05:50	9.486	7.9578	0.0404
12:06:00	9.5372	7.9018	0.0363
12:06:10	9.6556	7.8221	0.0327
12:06:20	9.7949	7.7328	0.0458
12:06:30	9.8996	7.687	0.0249
12:06:41	9.8901	7.7334	0.0404
12:06:50	9.8181	7.7941	0.0666
12:07:00	9.711	7.8382	0.0743
12:07:10	9.6693	7.8507	0.0708
12:07:20	9.6521	7.8513	0.0708
12:07:30	9.6443	7.8483	0.0553
12:07:40	9.7223	7.7727	0.0613
12:07:51	9.852	7.6888	0.0803
12:08:00	9.9282	7.6572	0.0785
12:08:10	9.9246	7.6965	0.0743
12:08:20	9.8443	7.7644	0.0648
12:08:31	9.7015	7.8685	0.0571
12:08:40	9.5681	7.9215	0.0404
12:08:50	9.4819	7.9738	0.0327
12:09:01	9.4307	7.9792	0.0249
12:09:10	9.4438	7.9542	0.0267
12:09:20	9.5241	7.8887	0.0249
12:09:30	9.6098	7.837	0.0249
12:09:41	9.6538	7.8221	0.0249
12:09:50	9.6348	7.8602	0.0309
12:10:00	9.5753	7.9018	0.0249
12:10:10	9.486	7.9673	0.0232
12:10:20	9.3581	8.0411	0.0422
12:10:30	9.2664	8.0655	0.0267
12:10:40	9.2664	8.0512	0.0249
12:10:51	9.3486	7.9596	0.0172
12:11:00	9.5128	7.8483	0.0172

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:11:10	9.6747	7.7614	0.0172
12:11:20	9.7508	7.7453	0.038
12:11:30	9.7128	7.8084	0.0309
12:11:40	9.5848	7.909	0.0571
12:11:50	9.4557	7.9822	0.0553
12:12:01	9.3105	8.0899	0.0553
12:12:10	9.1617	8.1756	0.0476
12:12:20	9.1028	8.1726	0.0613
12:12:30	9.1694	8.0994	0.0571
12:12:40	9.3277	7.9887	0.0422
12:12:50	9.4557	7.9506	0.038
12:13:00	9.4628	7.9869	0.0404
12:13:11	9.3581	8.0833	0.0404
12:13:20	9.2515	8.1607	0.0327
12:13:30	9.1272	8.2363	0.0404
12:13:40	9.0528	8.2779	0.038
12:13:51	9.026	8.2797	0.0571
12:14:00	9.076	8.2256	0.0708
12:14:10	9.2248	8.1226	0.0708
12:14:21	9.3735	8.0244	0.0785
12:14:30	9.5164	7.9346	0.0839
12:14:40	9.583	7.9167	0.0934
12:14:50	9.5336	7.9733	0.0952
12:15:01	9.4265	8.0417	0.0934
12:15:10	9.3277	8.0762	0.0976
12:15:20	9.3069	8.0708	0.0952
12:15:30	9.2682	8.0958	0.0803
12:15:40	9.3503	8.0429	0.0934
12:15:50	9.3962	8.0732	0.1011
12:16:00	9.3355	8.1619	0.1148
12:16:11	9.2611	8.2518	0.122
12:16:20	9.2325	8.297	0.1374
12:16:30	9.2075	8.3321	0.1529
12:16:40	9.2914	8.2571	0.1583
12:16:50	9.417	8.1887	0.1624
12:17:00	9.5354	8.1256	0.1678
12:17:10	9.5527	8.1607	0.166
12:17:21	9.4479	8.2494	0.1678
12:17:30	9.295	8.3434	0.1452
12:17:40	9.1807	8.4041	0.1392
12:17:50	9.1194	8.4095	0.1374
12:18:00	9.1557	8.3416	0.1392
12:18:10	9.2819	8.2357	0.1374
12:18:20	9.4152	8.1464	0.1339

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:18:31	9.5301	8.081	0.1374
12:18:40	9.5848	8.0768	0.1374
12:18:50	9.5449	8.1292	0.1374
12:19:00	9.4747	8.1786	0.1297
12:19:11	9.4134	8.2036	0.1148
12:19:20	9.3658	8.2244	0.1148
12:19:30	9.3581	8.2137	0.1053
12:19:41	9.4039	8.1649	0.1053
12:19:50	9.5104	8.0714	0.1243
12:20:00	9.6538	7.9727	0.1243
12:20:10	9.7437	7.9334	0.122
12:20:21	9.7378	7.9572	0.1166
12:20:30	9.633	8.0506	0.1089
12:20:40	9.5182	8.0958	0.1071
12:20:50	9.4438	8.1399	0.1011
12:21:00	9.3355	8.2012	0.1053
12:21:10	9.2361	8.2351	0.1053
12:21:20	9.2515	8.1875	0.1011
12:21:31	9.2992	8.1524	0.0993
12:21:40	9.3486	8.1244	0.1011
12:21:50	9.3735	8.1327	0.1029
12:22:00	9.3718	8.1488	0.0898
12:22:10	9.3123	8.2083	0.0839
12:22:20	9.2224	8.2607	0.0857
12:22:30	9.1028	8.3386	0.0785
12:22:41	9.0284	8.3726	0.0785
12:22:50	9.007	8.3494	0.0726
12:23:00	9.0683	8.2833	0.0708
12:23:10	9.1557	8.2226	0.0595
12:23:20	9.2551	8.1673	0.0571
12:23:30	9.3277	8.1333	0.0571
12:23:40	9.3486	8.125	0.063
12:23:51	9.3616	8.1089	0.0499
12:24:00	9.3866	8.078	0.0595
12:24:10	9.4152	8.0512	0.0476
12:24:20	9.4497	8.0024	0.0476
12:24:30	9.5432	7.9245	0.0404
12:24:40	9.6425	7.859	0.0571
12:24:50	9.6901	7.8507	0.0648
12:25:01	9.6842	7.8757	0.0648
12:25:10	9.6616	7.9078	0.063
12:25:20	9.583	7.9768	0.0613
12:25:30	9.5009	8.0375	0.0648
12:25:41	9.417	8.0756	0.0648

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:25:50	9.364	8.0982	0.0666
12:26:00	9.3486	8.0893	0.0571
12:26:11	9.4057	8.0351	0.0476
12:26:20	9.4652	8.009	0.0476
12:26:30	9.4652	8.0316	0.0476
12:26:40	9.4592	8.0334	0.0476
12:26:51	9.4265	8.0631	0.0595
12:27:00	9.3789	8.0976	0.0648
12:27:10	9.3218	8.1256	0.0708
12:27:20	9.2873	8.1375	0.0726
12:27:30	9.3259	8.0833	0.0785
12:27:40	9.4075	8.0262	0.0821
12:27:50	9.4575	8.0084	0.0857
12:28:01	9.4896	7.9917	0.0857
12:28:10	9.5069	8.0006	0.0857
12:28:20	9.4402	8.0649	0.0934
12:28:30	9.3676	8.1006	0.1011
12:28:40	9.339	8.1024	0.1011
12:28:50	9.3259	8.1173	0.1166
12:29:00	9.3426	8.0714	0.1053
12:29:11	9.4402	7.9846	0.0803
12:29:20	9.6003	7.8762	0.1029
12:29:30	9.6997	7.8411	0.1124
12:29:40	9.7395	7.837	0.1011
12:29:50	9.7491	7.8274	0.1148
12:30:00	9.8026	7.7816	0.1297
12:30:10	9.8217	7.7882	0.1297
12:30:21	9.7741	7.8114	0.1184
12:30:30	9.7532	7.809	0.122
12:30:40	9.7985	7.756	0.1148
12:30:50	9.877	7.6965	0.122
12:31:01	9.9264	7.6751	0.1166
12:31:10	9.9115	7.7132	0.1148
12:31:20	9.8348	7.7721	0.1243
12:31:31	9.7378	7.8411	0.1089
12:31:40	9.6175	7.8995	0.1089
12:31:50	9.564	7.9048	0.1089
12:32:00	9.5622	7.9072	0.1166
12:32:11	9.5223	7.9322	0.122
12:32:20	9.486	7.9441	0.1184
12:32:30	9.467	7.9524	0.1166
12:32:40	9.436	7.9738	0.1011
12:32:50	9.4098	7.978	0.0952
12:33:00	9.4688	7.9114	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:33:10	9.5735	7.8423	0.1053
12:33:21	9.6497	7.8132	0.1089
12:33:30	9.6788	7.8155	0.1011
12:33:40	9.6901	7.8298	0.1053
12:33:50	9.6747	7.8596	0.1089
12:34:00	9.6425	7.8804	0.1089
12:34:10	9.6062	7.9054	0.1011
12:34:20	9.583	7.9114	0.0934
12:34:31	9.6062	7.8762	0.0934
12:34:40	9.6711	7.8179	0.0785
12:34:50	9.7318	7.79	0.0726
12:35:00	9.7532	7.7917	0.0708
12:35:10	9.7282	7.8185	0.0613
12:35:20	9.686	7.8542	0.063
12:35:30	9.608	7.903	0.0613
12:35:41	9.5562	7.9131	0.0648
12:35:50	9.5033	7.9453	0.0458
12:36:00	9.4688	7.9411	0.0499
12:36:10	9.4914	7.9084	0.0476
12:36:21	9.5449	7.8655	0.0404
12:36:30	9.5985	7.8453	0.0404
12:36:40	9.6253	7.8429	0.0327
12:36:51	9.6253	7.8727	0.0309
12:37:00	9.5586	7.928	0.0345
12:37:10	9.4801	7.981	0.0267
12:37:20	9.4229	8.0084	0.0267
12:37:31	9.4098	7.9977	0.0267
12:37:40	9.4652	7.9459	0.0327
12:37:50	9.5432	7.8911	0.0172
12:38:00	9.6193	7.8578	0.0041
12:38:10	9.6652	7.8382	0.0041
12:38:20	9.7223	7.8078	0.019
12:38:30	9.755	7.8072	0.0267
12:38:41	9.7282	7.8346	0.0345
12:38:50	9.6997	7.8411	0.0476
12:39:00	9.7015	7.8334	0.0571
12:39:10	9.7586	7.7757	0.0648
12:39:20	9.8633	7.6989	0.0708
12:39:30	9.9591	7.6489	0.0821
12:39:40	9.9913	7.6513	0.0857
12:39:51	9.9377	7.7162	0.0934
12:40:00	9.8467	7.7721	0.0934
12:40:10	9.7645	7.8167	0.0934
12:40:20	9.705	7.8542	0.0934

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:40:30	9.6711	7.8667	0.0857
12:40:40	9.6616	7.8602	0.0857
12:40:50	9.7128	7.8185	0.0821
12:41:01	9.7931	7.756	0.0898
12:41:10	9.8752	7.7132	0.0761
12:41:20	9.9074	7.7293	0.0595
12:41:30	9.8502	7.8054	0.0571
12:41:41	9.7092	7.9072	0.0476
12:41:50	9.5586	8.0036	0.0476
12:42:00	9.4384	8.0572	0.0476
12:42:11	9.3944	8.0655	0.0571
12:42:20	9.4765	7.9756	0.0476
12:42:30	9.6235	7.8828	0.0404
12:42:40	9.7627	7.7947	0.038
12:42:51	9.852	7.7632	0.0404
12:43:00	9.8847	7.7507	0.0404
12:43:10	9.877	7.7548	0.0404
12:43:20	9.8371	7.7763	0.0404
12:43:30	9.8121	7.7667	0.0458
12:43:40	9.8312	7.7388	0.0458
12:43:50	9.8693	7.6828	0.0613
12:44:01	9.9627	7.6114	0.0476
12:44:10	10.0734	7.5299	0.0708
12:44:20	10.146	7.5108	0.0708
12:44:30	10.1174	7.5585	0.0476
12:44:40	10.0216	7.6263	0.0476
12:44:50	9.9151	7.69	0.038
12:45:00	9.8121	7.7382	0.0249
12:45:11	9.7586	7.7537	0.0267
12:45:20	9.7604	7.7346	0.0232
12:45:30	9.8181	7.6727	0.044
12:45:40	9.8961	7.6293	0.0404
12:45:50	9.9532	7.6025	0.0404
12:46:00	9.9609	7.6221	0.0327
12:46:10	9.9228	7.6674	0.0476
12:46:21	9.858	7.7245	0.0595
12:46:30	9.7871	7.7721	0.0422
12:46:40	9.7699	7.765	0.0404
12:46:50	9.8062	7.7376	0.0404
12:47:00	9.8407	7.7215	0.038
12:47:10	9.8562	7.7084	0.0309
12:47:20	9.8693	7.7055	0.0208
12:47:31	9.8901	7.6775	0.0285
12:47:40	9.9401	7.6269	0.019

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:47:50	10.0121	7.5727	0.0267
12:48:00	10.0811	7.5251	0.019
12:48:11	10.1383	7.4972	0.0345
12:48:20	10.165	7.4918	0.0345
12:48:30	10.1609	7.5239	0.0113
12:48:41	10.121	7.5567	0.019
12:48:50	10.0698	7.59	0.019
12:49:00	10.0484	7.5977	0.019
12:49:10	10.0484	7.5888	0.0345
12:49:21	10.1252	7.5168	0.0476
12:49:30	10.2394	7.4341	0.0499
12:49:40	10.3347	7.3835	0.0571
12:49:50	10.3293	7.4299	0.0571
12:50:00	10.2204	7.5192	0.0761
12:50:10	10.1061	7.5942	0.0708
12:50:20	10.005	7.6436	0.088
12:50:31	9.9532	7.6638	0.0803
12:50:40	10.0353	7.5787	0.088
12:50:50	10.1781	7.4734	0.0821
12:51:00	10.3388	7.3829	0.0743
12:51:10	10.4322	7.368	0.0666
12:51:20	10.4108	7.4115	0.0648
12:51:30	10.3632	7.4555	0.0476
12:51:41	10.2853	7.5085	0.0476
12:51:50	10.2222	7.5275	0.0517
12:52:00	10.2472	7.4829	0.0404
12:52:10	10.3293	7.4168	0.0404
12:52:20	10.4227	7.3609	0.0571
12:52:30	10.4703	7.3436	0.0458
12:52:40	10.4245	7.4103	0.0404
12:52:51	10.2698	7.5001	0.0458
12:53:00	10.1383	7.5644	0.0404
12:53:10	10.1079	7.5436	0.0267
12:53:20	10.1418	7.5025	0.0267
12:53:31	10.2186	7.4501	0.0267
12:53:40	10.2335	7.468	0.0285
12:53:50	10.1996	7.5073	0.0327
12:54:01	10.1133	7.5614	0.0285
12:54:10	10.043	7.6001	0.0404
12:54:20	9.9877	7.6138	0.0327
12:54:30	9.9954	7.5882	0.0327
12:54:41	10.0484	7.5477	0.0404
12:54:50	10.0924	7.5293	0.0404
<b>End Run 4B</b>	<b>9.991546</b>	<b>7.62521</b>	<b>0.12487</b>



24 hour time	O2 (% )	CO2 (% )	THC (PPM )
12:55:00	10.0984	7.5507	0.038
12:55:10	10.0121	7.6305	0.038
12:55:20	9.8925	7.6971	0.0404
12:55:30	9.8711	7.6864	0.044
12:55:40	9.9246	7.6346	0.0476
12:55:51	9.9877	7.6162	0.0571
12:56:00	9.9895	7.6412	0.0743
12:56:10	9.9817	7.6572	0.0708
12:56:20	9.9913	7.6543	0.0839
12:56:30	10.0085	7.6507	0.0857
12:56:40	10.0121	7.6483	0.088
12:56:50	10.0526	7.5704	0.0857
12:57:01	10.1996	7.4989	0.0785
12:57:10	10.2162	7.4942	0.069
12:57:20	10.2888	7.3948	0.1053
12:57:30	10.5733	7.0865	0.0993
12:57:40	11.1452	6.5468	0.1071
12:57:50	11.7498	6.0278	0.1166
12:58:00	12.2366	5.5952	0.122
12:58:11	12.4979	5.3607	0.1356
12:58:20	12.6258	5.2244	0.1356
12:58:30	12.6597	5.1512	0.1374
12:58:40	12.6425	5.112	0.1452
12:58:51	12.6181	5.0673	0.1565
12:59:00	12.5931	5.0388	0.1815
12:59:10	12.5705	5.0286	0.2178
12:59:21	12.5645	5.0203	0.2422
12:59:30	12.5877	5.0025	0.2749
12:59:40	12.6371	4.9834	0.3112
12:59:50	12.6752	4.984	0.3356
13:00:01	12.6425	5.0376	0.3546
13:00:10	12.6353	5.0578	0.3796
13:00:20	12.6597	5.0554	0.4064
13:00:30	12.6752	5.0727	0.4505
13:00:40	12.633	5.1245	0.4921
13:00:50	12.5818	5.1637	0.5171
13:01:00	12.5395	5.1893	0.5361
13:01:11	12.5514	5.1673	0.5397
13:01:20	12.5776	5.1524	0.5248
13:01:30	12.5895	5.134	0.5171
13:01:40	12.5818	5.1286	0.4981
13:01:50	12.5473	5.1387	0.479
13:02:00	12.5247	5.1322	1.5758

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:02:10	10.7661	0.779	0.0535
13:02:21	1.2687	0.316	0.0285
13:02:30	0.2731	0.2356	0.0249
13:02:40	0.1315	0.1999	0.0267
13:02:50	0.0785	0.1761	0.0309
13:03:00	0.044	0.1594	0.0476
13:03:10	0.019	0.1499	0.0422
13:03:20	0.0041	0.141	0.0476
13:03:31	-0.0114	0.1356	0.0404
13:03:40	-0.0191	0.1303	0.0571
13:03:50	-0.0304	0.1261	0.0404
13:04:00	-0.0363	0.122	0.038
13:04:11	-0.0435	0.1202	0.0363
13:04:20	-0.0477	0.1184	0.0267
13:04:30	-0.0512	0.1166	0.0249
13:04:41	-0.0554	0.1154	0.0267
13:04:50	-0.0572	0.1053	0.019
13:05:00	-0.0607	0.1017	0.0404
13:05:10	-0.0631	0.0999	0.0476
13:05:21	-0.0685	0.0987	0.0404
13:05:30	-0.0703	0.0987	0.038
13:05:40	-0.0726	0.0964	0.044
13:05:50	-0.0744	0.0946	0.0708
13:06:00	-0.0762	0.094	0.0613
13:06:10	-0.0762	0.094	0.063
<b>Zero Bias</b>	<b>-0.0756</b>	<b>0.0942</b>	<b>0.065033</b>
13:06:20	-0.078	0.0922	0.088
13:06:31	-0.0726	0.1202	0.3874
13:06:40	6.6914	3.2564	-4.6E-05
13:06:50	9.2075	9.5074	-0.0191
13:07:00	9.7092	9.7104	-0.0363
13:07:10	9.7931	9.7752	-0.0435
13:07:20	9.8217	9.8145	-0.0322
13:07:30	9.8425	9.8383	-0.0417
13:07:41	9.858	9.855	-0.0268
13:07:50	9.8675	9.8639	-0.0268
13:08:00	9.8752	9.874	-0.0268
13:08:10	9.883	9.8836	-0.0268
13:08:20	9.8865	9.8907	-0.0191
13:08:30	9.8883	9.8931	-0.0268
<b>O2/CO2 Bias</b>	<b>9.885933</b>	<b>9.889133</b>	<b>-0.02423</b>
13:08:40	9.8925	9.8937	0.3035

24 hour time	O2 (% )	CO2 (% )	THC (PPM )
13:08:51	11.0785	6.5123	3.376
13:09:00	16.7417	4.7757	12.0551
13:09:10	19.3455	0.4808	12.3128
13:09:20	20.0092	0.3041	12.3449
13:09:30	20.1124	0.2505	12.3604
13:09:40	20.1522	0.2082	12.3646
13:09:50	20.1809	0.1838	12.3664
13:10:01	20.1945	0.1672	12.3759
13:10:10	20.2076	0.1535	12.389
13:10:20	20.2212	0.1434	12.3908
13:10:30	20.2302	0.1368	12.3949
<b>THC Bias</b>	<b>20.21967</b>	<b>0.144567</b>	<b>12.39157</b>
13:10:41	20.2363	0.1303	12.4027
13:10:50	20.2363	0.1303	12.4027

**Veolia Unit 2**

Uncorrected Concentrations									
30-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 5B	1245-1602	10.34	7.20				0.21	42.92	0.37

Corrected O <sub>2</sub> Conc.					
30-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 5B	1245-1602	10.34	0.02	1.02	10.50

Corrected CO <sub>2</sub> Conc.					
30-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 5B	1245-1602	7.20	0.04	1.01	7.25

**Veolia Unit 2**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 41577  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	08:30	-0.01	0.01	0.0%
span gas	CC189665	22.50	08:32	22.50	0.00	0.0%
mid-range	CC196768	9.52	08:33	9.54	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
5B	0.00	-0.01	12:02	0.00	0.0%	16:05	0.03	0.2%	0.2%	C <sub>O</sub> = 0.015 C <sub>M0</sub> / (C <sub>M</sub> - C <sub>O</sub> ) 1.016
	9.52	9.54	12:04	9.40	-0.6%	16:07	9.37	-0.8%	-0.2%	

**Veolia Unit 2**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 41577  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	08:30	0.01	0.01	0.1%
span gas	CC189665	19.20	08:32	19.23	0.03	0.1%
mid-range	CC196768	9.53	08:33	9.64	0.11	0.6%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
5B	0.00	0.01	12:02	0.05	0.2%	16:05	0.04	0.2%	0.0%	C <sub>0</sub> = 0.043 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.012
	9.53	9.64	12:04	9.49	-0.8%	16:07	9.43	-1.1%	-0.3%	

**Veolia Unit 2  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 41577  
**Instrument Make/Model:** TECO 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 30  
**Units:** ppm  
**Technician(s):** kmm

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	12:10	0.03	0.03	n/a
<b>Span</b>	ALM025456	24.70	12:06	24.63	0.07	0.3%
<b>Mid</b>	ALM028646	14.80	12:07	14.98	0.18	1.2%
<b>Low</b>	ALM057529	8.43	12:08	8.55	0.12	1.4%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 5B	0.03	13:49	0.05	0.1
	14.98	13:50	14.99	0.0
	0.03	14:56	0.05	0.1
	14.98	14:57	15.00	0.1
	0.03	16:05	0.06	0.1
	14.98	16:09	15.01	0.1

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:26:52	20.3622	0.1541	1.8543
8:27:02	20.4936	0.0636	1.0075
8:27:33	20.4916	0.0607	0.9617
8:27:43	20.4916	0.0607	0.9533
8:27:53	20.486	0.0607	0.9533
8:28:03	20.4916	0.0624	0.9456
8:28:13	20.4936	0.0618	0.9593
8:28:23	20.4956	0.0613	0.9617
8:28:33	20.4976	0.0607	0.9617
8:28:43	20.4976	0.0595	0.9617
8:28:53	20.5127	0.0589	0.9617
8:29:03	20.5167	0.0595	1.7555
8:29:13	4.9233	0.0232	0.188
8:29:23	0.1696	0.0107	0.094
8:29:33	0.0613	0.0113	0.7932
8:29:43	0.0345	0.013	0.9533
8:29:53	0.0077	0.0113	0.9533
8:30:03	-4.60E-05	0.013	0.9384
8:30:13	-0.0018	0.0113	0.9361
8:30:23	-0.0036	0.0113	0.9468
8:30:33	-0.0078	0.0107	0.9533
8:30:43	-0.0096	0.0107	0.9617
8:30:53	-0.0036	0.0095	0.9581
<b>N2 Zero</b>	<b>-0.007</b>	<b>0.0103</b>	<b>0.9577</b>
8:31:03	0.0017	0.0107	0.9545
8:31:13	13.0376	12.3003	0.9938
8:31:23	22.3325	19.0555	1.014
8:31:33	22.4604	19.1587	1.0462
8:31:43	22.4851	19.1899	1.0551
8:31:53	22.4946	19.205	1.0087
8:32:03	22.5002	19.2242	0.9807
8:32:13	22.5062	19.2226	0.9628
8:32:23	22.5062	19.2287	0.9468
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.5042</b>	<b>19.22517</b>	<b>0.963433</b>
8:32:33	22.4926	19.2327	0.9319
8:32:43	22.613	19.2654	0.9224
8:32:53	10.4055	10.1133	0.9236
8:33:03	9.5985	9.6646	0.9224
8:33:13	9.5562	9.6503	0.9111
8:33:23	9.5467	9.6479	0.9111
8:33:33	9.5449	9.6449	0.9271
8:33:43	9.5491	9.6449	0.9307



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:33:53	9.5372	9.6425	0.9295
<b>O2/CO2 Mid 9.52/9.53</b>	<b>9.543733</b>	<b>9.6441</b>	<b>0.9291</b>
8:34:03	9.5449	9.6419	0.9224
8:34:13	9.5301	9.5842	0.9224
8:34:23	12.0896	8.7088	0.9319
8:34:33	20.5948	0.1321	0.9456
8:34:43	20.6673	0.11	0.9545
8:34:53	20.6577	0.0952	0.9545
8:35:03	20.6557	0.0886	0.9533
8:35:13	20.4729	0.0833	0.5058
8:35:23	1.4556	0.0446	-0.0548
8:35:33	0.1124	0.0267	-0.081
12:00:33	10.0353	7.1127	0.1969
12:00:43	10.0371	7.1103	0.1898
12:00:53	10.005	7.1353	0.1898
12:01:03	9.974	7.1585	0.1898
12:01:13	9.9437	7.1776	0.1898
12:01:23	9.9091	7.1972	0.1898
12:01:33	9.921	7.1841	0.1898
12:01:43	9.9437	7.1812	0.2243
12:01:53	3.8188	1.1783	0.2987
12:02:03	0.2136	0.1154	0.069
12:02:13	0.0267	0.072	0.0505
12:02:23	0.0077	0.0565	0.0493
12:02:33	-0.0018	0.0499	0.0505
12:02:43	-0.0036	0.0482	0.0505
12:02:53	-0.0054	0.0404	0.0422
<b>Zero Bias</b>	<b>-0.0036</b>	<b>0.046167</b>	<b>0.047733</b>
12:03:03	-0.0078	0.038	0.0422
12:03:13	-4.60E-05	0.0404	0.0791
12:03:23	7.4948	5.7553	0.3058
12:03:33	8.6921	8.6029	0.1148
12:03:43	9.3521	9.4467	0.0708
12:03:53	9.3908	9.4688	0.0666
12:04:03	9.3962	9.4842	0.069
12:04:13	9.4021	9.4902	0.0803
12:04:23	9.4021	9.4955	0.0803
<b>O2/CO2 Bias</b>	<b>9.400133</b>	<b>9.489967</b>	<b>0.076533</b>
12:04:33	9.3926	9.4652	0.2291
12:04:43	9.999	7.2918	2.5857

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
12:04:53	19.6486	0.332	21.9533
12:05:03	20.4553	0.0964	24.2087
12:05:13	20.488	0.072	24.2867
12:05:23	20.5011	0.0607	24.3029
12:05:33	20.5092	0.0482	24.6256
12:05:43	20.5107	0.0464	24.6302
12:05:53	20.5147	0.038	24.6302
12:06:03	20.5223	0.0374	24.6151
12:06:13	20.5243	0.0345	24.6302
<b>THC Span Bias 24.7</b>	<b>20.52043</b>	<b>0.036633</b>	<b>24.62517</b>
12:06:23	20.5127	0.0345	24.6231
12:06:33	18.1189	2.5238	11.9361
12:06:43	18.4432	0.9378	11.5171
12:06:53	20.3888	0.0553	14.8831
12:07:03	20.4382	0.0404	14.9676
12:07:13	20.4442	0.0351	14.9676
12:07:23	20.4462	0.0339	14.9664
12:07:33	20.4518	0.0321	14.9789
12:07:43	20.4478	0.0321	14.9848
<b>THC Mid Bias</b>	<b>20.4486</b>	<b>0.0327</b>	<b>14.9767</b>
12:07:53	20.4422	0.0321	14.9825
12:08:03	17.6269	2.7898	8.1684
12:08:13	19.416	0.5266	7.6924
12:08:23	20.5011	0.0589	8.5184
12:08:33	20.5278	0.0505	8.5434
12:08:43	20.5298	0.0464	8.5517
12:08:53	20.5339	0.0452	8.5517
<b>THC Low Bias 8.43</b>	<b>20.5305</b>	<b>0.047367</b>	<b>8.548933</b>
12:09:03	20.5359	0.0428	8.5517
12:09:13	20.5031	0.0595	6.8485
12:09:23	13.3025	3.9289	1.4592
12:09:33	0.7801	0.0868	0.2118
12:09:43	0.0821	0.0529	0.0607
12:09:53	0.044	0.0458	0.0422
12:10:03	0.0345	0.041	0.0345
12:10:13	0.0249	0.0374	0.0345
12:10:23	0.0172	0.0369	0.0261
12:10:33	0.0095	0.0422	0.0345
12:10:43	0.0095	0.0357	0.0345
<b>Zero Bias</b>	<b>0.012067</b>	<b>0.038267</b>	<b>0.0317</b>

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:10:53	0.4219	0.6034	0.2689
12:11:03	8.3494	7.878	0.3171
12:11:13	8.91	7.8858	0.2636
12:11:23	9.1176	7.7733	0.2368
12:11:33	9.3045	7.6751	0.2368
12:11:43	9.3926	7.6317	0.2279
12:11:53	9.4479	7.6031	0.2207
12:12:03	9.461	7.5977	0.213
12:12:13	9.5033	7.5704	0.213
12:12:23	9.5604	7.5323	0.2047
12:12:33	9.614	7.4978	0.1969
12:12:43	9.6497	7.4745	0.1969
12:12:53	9.5795	7.4918	0.213
12:13:03	9.608	7.4109	0.2047
12:13:13	9.6729	7.4073	0.1969
12:13:23	9.686	7.4162	0.1898
12:13:33	9.6997	7.4168	0.1969
12:13:43	9.7627	7.3698	0.2047
12:13:53	9.8044	7.3514	0.1969
12:14:03	9.8157	7.3484	0.1957
12:14:13	9.7836	7.3758	0.1797
12:14:23	9.8062	7.3537	0.1821
12:14:33	9.8407	7.3293	0.1898
12:14:43	9.8996	7.2924	0.1898
12:14:53	9.9835	7.2377	0.1898
12:15:03	10.0448	7.1943	0.1946
12:15:13	10.127	7.1419	0.1898
12:15:23	10.1823	7.0931	0.1969
12:15:33	10.2353	7.0592	0.1898
12:15:43	10.2793	7.0288	0.1821
12:15:53	10.2775	7.0258	0.1821
12:16:03	10.268	7.0258	0.1898
12:16:13	10.268	7.0235	0.1898
12:16:23	10.3406	6.9723	0.1898
12:16:33	10.4037	6.9312	0.1898
12:16:43	10.4566	6.8961	0.1898
12:16:53	10.3692	6.9776	0.1821
12:17:03	10.2049	7.108	0.1898
12:17:13	10.0811	7.2079	0.1969
12:17:23	10.0847	7.2133	0.1969
12:17:33	10.1323	7.1913	0.1981
12:17:43	10.2162	7.1401	0.2029
12:17:53	10.243	7.1318	0.2047
12:18:03	10.1347	7.2139	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:18:13	9.9877	7.3192	0.2047
12:18:23	9.8443	7.4055	0.213
12:18:33	9.7437	7.4597	0.213
12:18:43	9.8044	7.4061	0.2047
12:18:53	9.9496	7.299	0.213
12:19:03	10.0847	7.2056	0.2106
12:19:13	10.1972	7.124	0.2047
12:19:23	10.2204	7.1193	0.2082
12:19:33	10.1192	7.2127	0.2047
12:19:43	10.0389	7.2698	0.2047
12:19:53	9.8978	7.3805	0.2047
12:20:03	9.8425	7.4133	0.2047
12:20:13	9.9151	7.3567	0.1922
12:20:23	10.0579	7.2609	0.2047
12:20:33	10.2144	7.1526	0.2047
12:20:43	10.3079	7.0943	0.2047
12:20:53	10.2793	7.1181	0.1969
12:21:03	10.165	7.1996	0.1898
12:21:13	10.0603	7.268	0.1898
12:21:23	9.9669	7.3311	0.1898
12:21:33	9.9074	7.3662	0.1898
12:21:43	9.9306	7.3466	0.1898
12:21:53	10.043	7.2674	0.1969
12:22:03	10.1478	7.1925	0.1969
12:22:13	10.2222	7.146	0.1969
12:22:23	10.2049	7.1704	0.1844
12:22:33	10.0579	7.2788	0.1821
12:22:43	9.9419	7.3621	0.1922
12:22:53	9.7913	7.4668	0.2017
12:23:03	9.73	7.5126	0.1898
12:23:13	9.7985	7.4555	0.1898
12:23:23	9.9133	7.3704	0.1969
12:23:33	10.0335	7.299	0.1868
12:23:43	10.1061	7.2538	0.1898
12:23:53	10.0389	7.3097	0.1821
12:24:03	9.9324	7.3841	0.1821
12:24:13	9.8598	7.4293	0.1821
12:24:23	9.8502	7.4299	0.1821
12:24:33	9.9454	7.3621	0.1898
12:24:43	10.1115	7.2371	0.1898
12:24:53	10.3156	7.102	0.1969
12:25:03	10.5138	6.9598	0.1821
12:25:13	10.6459	6.8747	0.191
12:25:23	10.6364	6.8878	0.1946

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:25:33	10.4947	7.0026	0.1922
12:25:43	10.3364	7.1026	0.1898
12:25:53	10.224	7.1788	0.1946
12:26:03	10.243	7.1532	0.2047
12:26:13	10.3442	7.0842	0.2047
12:26:23	10.4489	7.0127	0.2106
12:26:33	10.5673	6.9336	0.213
12:26:43	10.6054	6.9199	0.2047
12:26:53	10.5215	6.9842	0.1969
12:27:03	10.39	7.083	0.1969
12:27:13	10.2757	7.1568	0.1969
12:27:23	10.1805	7.2151	0.1969
12:27:33	10.1728	7.2258	0.1969
12:27:43	10.2739	7.1514	0.2047
12:27:53	10.384	7.0758	0.1969
12:28:03	10.5007	6.9907	0.2047
12:28:13	10.537	6.9675	0.1969
12:28:23	10.4394	7.0538	0.2047
12:28:33	10.2698	7.1823	0.2047
12:28:43	10.096	7.3055	0.1993
12:28:53	10.0181	7.3639	0.1969
12:29:03	10.0389	7.3502	0.1969
12:29:13	10.1954	7.2436	0.2047
12:29:23	10.3745	7.1228	0.1969
12:29:33	10.4989	7.0342	0.1969
12:29:43	10.5162	7.03	0.1969
12:29:53	10.4013	7.127	0.1946
12:30:03	10.2603	7.2133	0.1821
12:30:13	10.1252	7.3133	0.1898
12:30:23	10.0353	7.3692	0.1898
12:30:33	10.0639	7.3531	0.1969
12:30:43	10.1877	7.2746	0.1969
12:30:53	10.3269	7.1758	0.2047
12:31:03	10.3959	7.1312	0.2047
12:31:13	10.3251	7.1853	0.1969
12:31:23	10.1591	7.3055	0.2047
12:31:33	9.9722	7.4287	0.2047
12:31:43	9.8235	7.5245	0.2047
12:31:53	9.7794	7.5537	0.2047
12:32:03	9.852	7.5019	0.2106
12:32:13	9.9972	7.4055	0.2118
12:32:23	10.14	7.3032	0.2356
12:32:33	10.2716	7.2014	0.2207
12:32:43	10.3001	7.1853	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:32:53	10.1954	7.2669	0.219
12:33:03	10.0317	7.3853	0.2094
12:33:13	9.9282	7.4638	0.213
12:33:23	9.9496	7.4507	0.213
12:33:33	10.0924	7.3597	0.2196
12:33:43	10.3025	7.2246	0.2338
12:33:53	10.4989	7.0865	0.2315
12:34:03	10.6245	7.0092	0.2279
12:34:13	10.6286	7.0151	0.2279
12:34:23	10.5197	7.0961	0.2279
12:34:33	10.4453	7.1407	0.2356
12:34:43	10.4394	7.1425	0.2279
12:34:53	10.5215	7.0824	0.2207
12:35:03	10.6745	6.9622	0.2207
12:35:13	10.8137	6.8634	0.2178
12:35:23	10.9089	6.7902	0.213
12:35:33	10.8917	6.7973	0.213
12:35:43	10.6989	6.927	0.2279
12:35:53	10.4608	7.0782	0.2207
12:36:03	10.224	7.2258	0.2047
12:36:13	10.0561	7.3323	0.2029
12:36:23	10.0317	7.3395	0.2047
12:36:33	10.1002	7.2936	0.2047
12:36:43	10.2144	7.2151	0.2047
12:36:53	10.3483	7.1228	0.2047
12:37:03	10.4299	7.0717	0.2047
12:37:13	10.3596	7.1395	0.2047
12:37:23	10.2091	7.2454	0.2178
12:37:33	10.0389	7.3609	0.213
12:37:43	9.9817	7.3918	0.213
12:37:53	10.0811	7.318	0.2279
12:38:03	10.2257	7.2192	0.2279
12:38:13	10.371	7.1288	0.2071
12:38:23	10.4394	7.0812	0.2154
12:38:33	10.3823	7.1288	0.2071
12:38:43	10.249	7.2276	0.2207
12:38:53	10.1252	7.3157	0.2207
12:39:03	9.9895	7.4031	0.2207
12:39:13	9.9056	7.4656	0.2207
12:39:23	9.9282	7.4382	0.213
12:39:33	10.0008	7.3764	0.2047
12:39:43	10.0847	7.3192	0.213
12:39:53	10.0752	7.3234	0.2047
12:40:03	9.98	7.3829	0.2029

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:40:13	9.7836	7.5114	0.1969
12:40:23	9.6348	7.6055	0.1898
12:40:33	9.5146	7.665	0.191
12:40:43	9.4914	7.6763	0.1969
12:40:53	9.5699	7.6215	0.1969
12:41:03	9.6997	7.5358	0.1969
12:41:13	9.8389	7.443	0.1969
12:41:23	9.9454	7.368	0.1969
12:41:33	9.921	7.3942	0.191
12:41:43	9.7491	7.5114	0.1993
12:41:53	9.5223	7.6584	0.2047
12:42:03	9.3259	7.7763	0.1969
12:42:13	9.2396	7.8239	0.1898
12:42:23	9.3545	7.74	0.1821
12:42:33	9.5241	7.6305	0.1898
12:42:43	9.7282	7.4989	0.1969
12:42:53	9.833	7.4424	0.191
12:43:03	9.8252	7.4609	0.1969
12:43:13	9.7568	7.5192	0.2047
12:43:23	9.6384	7.59	0.2047
12:43:33	9.5509	7.6549	0.1969
12:43:43	9.5033	7.668	0.2047
12:43:53	9.5301	7.6584	0.2071
12:44:03	9.5318	7.6549	0.2047
12:44:13	9.564	7.6352	0.2047
12:44:23	9.5717	7.6317	0.2047
12:44:33	9.5336	7.6406	0.2047
12:44:43	9.4801	7.6751	0.2047
12:44:53	9.4075	7.7191	0.2047

**Start Run 5B**

12:45:03	9.3849	7.7221	0.2047
12:45:13	9.4057	7.7037	0.1969
12:45:23	9.4075	7.7025	0.1969
12:45:33	9.3962	7.7084	0.1844
12:45:43	9.4384	7.6757	0.1898
12:45:53	9.5259	7.6102	0.1969
12:46:03	9.6669	7.5168	0.1969
12:46:13	9.8104	7.4127	0.1898
12:46:23	9.9377	7.3293	0.1946
12:46:33	9.9437	7.3264	0.2047
12:46:43	9.8294	7.4168	0.2029
12:46:53	9.7187	7.4936	0.1969
12:47:03	9.6116	7.5591	0.1821

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:47:13	9.608	7.5567	0.1821
12:47:23	9.7074	7.4966	0.1821
12:47:33	9.8276	7.4133	0.1821
12:47:43	9.974	7.3157	0.1821
12:47:53	10.0603	7.2651	0.1821
12:48:03	10.0085	7.3162	0.1821
12:48:13	9.8294	7.4448	0.1761
12:48:23	9.6425	7.5757	0.1797
12:48:33	9.461	7.6733	0.1743
12:48:43	9.3926	7.7156	0.1743
12:48:53	9.4652	7.6668	0.1761
12:49:03	9.589	7.587	0.1743
12:49:13	9.7282	7.4948	0.1898
12:49:23	9.7985	7.4513	0.188
12:49:33	9.7413	7.4888	0.191
12:49:43	9.6235	7.5626	0.1969
12:49:53	9.5467	7.6061	0.1922
12:50:03	9.5164	7.6108	0.1821
12:50:13	9.5735	7.5757	0.1969
12:50:23	9.7187	7.4757	0.1946
12:50:33	9.8996	7.3484	0.2047
12:50:43	10.0942	7.2175	0.213
12:50:53	10.1781	7.1758	0.2047
12:51:03	10.1192	7.227	0.2047
12:51:13	9.9722	7.3234	0.2047
12:51:23	9.8312	7.4097	0.2029
12:51:33	9.7395	7.4638	0.1844
12:51:43	9.7264	7.4692	0.1898
12:51:53	9.8199	7.4049	0.1993
12:52:03	9.9532	7.3079	0.2047
12:52:13	10.0561	7.243	0.2047
12:52:23	10.0734	7.2425	0.2041
12:52:33	9.9282	7.3508	0.2047
12:52:43	9.7532	7.4757	0.2047
12:52:53	9.5622	7.5989	0.2047
12:53:03	9.4479	7.6697	0.2047
12:53:13	9.436	7.6727	0.2106
12:53:23	9.5449	7.5995	0.213
12:53:33	9.6788	7.5162	0.2207
12:53:43	9.8008	7.4412	0.2207
12:53:53	9.7818	7.4656	0.213
12:54:03	9.6711	7.54	0.213
12:54:13	9.5241	7.634	0.2106
12:54:23	9.4057	7.7078	0.2047



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:54:33	9.3563	7.7423	0.2047
12:54:43	9.4194	7.7007	0.2005
12:54:53	9.633	7.5466	0.1946
12:55:03	9.705	7.521	0.2047
12:55:13	9.8312	7.4466	0.1969
12:55:23	9.7913	7.4817	0.1969
12:55:33	9.6616	7.5733	0.1946
12:55:43	9.3658	7.7739	0.1809
12:55:53	9.0718	7.9542	0.2047
12:56:03	8.8623	8.0887	0.213
12:56:13	8.7743	8.1417	0.2094
12:56:23	10.0198	7.1877	0.2517
12:56:33	9.8062	7.424	0.2439
12:56:43	9.5658	7.5942	0.2255
12:56:53	9.6652	7.5829	0.2207
12:57:03	9.6211	7.6691	0.2207
12:57:13	9.7473	7.6215	0.2196
12:57:23	9.7836	7.6209	0.2196
12:57:33	9.8389	7.5971	0.213
12:57:43	9.9401	7.5317	0.213
12:57:53	10.0674	7.4507	0.2106
12:58:03	10.1686	7.3805	0.2047
12:58:13	10.2204	7.3639	0.2178
12:58:23	10.2376	7.1639	0.2279
12:58:33	10.1609	7.3097	0.2196
12:58:43	10.2603	7.324	0.213
12:58:53	10.3001	7.352	0.213
12:59:03	10.4394	7.2811	0.2041
12:59:13	10.6417	7.1431	0.2047
12:59:23	10.8857	6.9752	0.1993
12:59:33	11.0405	6.8616	0.1969
12:59:43	11.1357	6.7967	0.2029
12:59:53	11.1166	6.8241	0.1969
13:00:03	11.0827	6.8652	0.2071
13:00:13	11.0672	6.88	0.213
13:00:23	11.0541	6.8931	0.2047
13:00:33	11.0976	6.858	0.1969
13:00:43	11.0387	6.811	0.2017
13:00:53	11.2029	6.6747	0.2196
13:01:03	11.3648	6.6027	0.2106
13:01:13	11.4088	6.5902	0.1898
13:01:23	11.3321	6.6551	0.2029
13:01:33	11.1398	6.7943	0.1892
13:01:43	10.9678	6.9092	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:01:53	10.7923	7.0151	0.1969
13:02:03	10.6816	7.0717	0.1969
13:02:13	10.6917	7.0484	0.1969
13:02:23	10.7661	6.9877	0.2047
13:02:33	10.8554	6.911	0.2047
13:02:43	10.8572	6.9104	0.213
13:02:53	10.7352	7.0014	0.1969
13:03:03	10.5483	7.1377	0.2071
13:03:13	10.3596	7.2758	0.2047
13:03:23	10.2299	7.368	0.2047
13:03:33	10.1877	7.3948	0.2047
13:03:43	10.2603	7.3395	0.2094
13:03:53	10.4168	7.2181	0.1969
13:04:03	10.5864	7.0943	0.2106
13:04:13	10.6036	7.0812	0.2094
13:04:23	10.512	7.1401	0.2041
13:04:33	10.3823	7.2151	0.1969
13:04:43	10.2394	7.302	0.1969
13:04:53	10.1365	7.3466	0.1969
13:05:03	10.0829	7.3728	0.1892
13:05:13	10.1418	7.3186	0.1993
13:05:23	10.2353	7.2508	0.1969
13:05:33	10.3025	7.2026	0.2047
13:05:43	10.2549	7.246	0.2118
13:05:53	10.1037	7.3573	0.213
13:06:03	9.9246	7.4722	0.2118
13:06:13	9.6693	7.6465	0.1957
13:06:23	9.5086	7.7441	0.1969
13:06:33	9.4723	7.7626	0.1969
13:06:43	9.5164	7.7293	0.1969
13:06:53	9.6306	7.6537	0.1969
13:07:03	9.7889	7.5382	0.2106
13:07:13	9.7931	7.546	0.213
13:07:23	9.6806	7.6269	0.2047
13:07:33	9.5301	7.7263	0.213
13:07:43	9.3468	7.8626	0.213
13:07:53	9.2777	7.8995	0.2047
13:08:03	9.2932	7.8899	0.2094
13:08:13	9.4265	7.8001	0.2154
13:08:23	9.5681	7.7007	0.2047
13:08:33	9.6788	7.6221	0.1969
13:08:43	9.6788	7.6328	0.2017
13:08:53	9.5699	7.7072	0.2071
13:09:03	9.4438	7.7917	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:09:13	9.3372	7.8542	0.1969
13:09:23	9.2801	7.8971	0.2094
13:09:33	9.2759	7.8917	0.213
13:09:43	9.3813	7.8185	0.213
13:09:53	9.5182	7.7287	0.2047
13:10:03	9.5812	7.7025	0.1969
13:10:13	9.5604	7.7316	0.2029
13:10:23	9.4342	7.8298	0.2017
13:10:33	9.3218	7.9001	0.213
13:10:43	9.2361	7.9518	0.2118
13:10:53	9.1903	7.9738	0.1969
13:11:03	9.2152	7.9572	0.1969
13:11:13	9.3027	7.8941	0.2047
13:11:23	9.4075	7.8209	0.2047
13:11:33	9.4747	7.7816	0.2154
13:11:43	9.4557	7.8054	0.2106
13:11:53	9.3866	7.8548	0.2071
13:12:03	9.32	7.8965	0.1868
13:12:13	9.3009	7.906	0.1969
13:12:23	9.3123	7.8977	0.2094
13:12:33	9.3468	7.8751	0.2106
13:12:43	9.3979	7.8358	0.2207
13:12:53	9.417	7.8179	0.2154
13:13:03	9.4479	7.79	0.2047
13:13:13	9.4705	7.7679	0.1969
13:13:23	9.5146	7.7334	0.1969
13:13:33	9.5509	7.7007	0.191
13:13:43	9.589	7.6697	0.1898
13:13:53	9.5985	7.6638	0.1892
13:14:03	9.564	7.6733	0.1868
13:14:13	9.5545	7.6805	0.1898
13:14:23	9.6003	7.6394	0.1898
13:14:33	9.6521	7.6049	0.1898
13:14:43	9.7491	7.537	0.1898
13:14:53	9.8407	7.4906	0.1868
13:15:03	9.8598	7.5019	0.1743
13:15:13	9.833	7.5305	0.1821
13:15:23	9.8157	7.5549	0.1797
13:15:33	9.7568	7.6007	0.1844
13:15:43	9.7092	7.6424	0.188
13:15:53	9.736	7.6192	0.1821
13:16:03	9.833	7.5519	0.1898
13:16:13	9.9514	7.465	0.1969
13:16:23	10.0526	7.396	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:16:33	10.0793	7.3781	0.1898
13:16:43	10.0639	7.3972	0.1969
13:16:53	10.0353	7.4085	0.1892
13:17:03	9.9764	7.4519	0.1969
13:17:13	9.9359	7.4757	0.1969
13:17:23	9.9591	7.4567	0.1922
13:17:33	10.0484	7.3853	0.1969
13:17:43	10.1609	7.3127	0.1969
13:17:53	10.2793	7.2288	0.1898
13:18:03	10.3174	7.2109	0.1969
13:18:13	10.2757	7.2555	0.1969
13:18:23	10.2144	7.3127	0.1969
13:18:33	10.1323	7.3752	0.2047
13:18:43	10.0829	7.4079	0.213
13:18:53	10.0734	7.4222	0.213
13:19:03	10.1591	7.3627	0.2071
13:19:13	10.2853	7.2805	0.1969
13:19:23	10.3537	7.2508	0.2047
13:19:33	10.371	7.243	0.2047
13:19:43	10.3233	7.3002	0.1844
13:19:53	10.2091	7.3752	0.1821
13:20:03	10.1347	7.4246	0.1821
13:20:13	10.0847	7.4507	0.1969
13:20:23	10.0811	7.4436	0.1969
13:20:33	10.1496	7.3912	0.1969
13:20:43	10.2507	7.3216	0.2029
13:20:53	10.3579	7.2544	0.2047
13:21:03	10.4186	7.224	0.2047
13:21:13	10.4013	7.2419	0.1969
13:21:23	10.3174	7.2996	0.2029
13:21:33	10.2662	7.3246	0.1969
13:21:43	10.2335	7.3406	0.1969
13:21:53	10.2525	7.3276	0.191
13:22:03	10.3293	7.2728	0.1969
13:22:13	10.4513	7.1823	0.188
13:22:23	10.5751	7.1193	0.1821
13:22:33	10.6245	7.1205	0.1743
13:22:43	10.5923	7.1579	0.1898
13:22:53	10.5429	7.1937	0.1969
13:23:03	10.5162	7.2044	0.1969
13:23:13	10.4471	7.2395	0.1797
13:23:23	10.4186	7.252	0.1743
13:23:33	10.4513	7.2175	0.1743
13:23:43	10.531	7.1526	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:23:53	10.659	7.058	0.1969
13:24:03	10.7084	7.024	0.1957
13:24:13	10.6798	7.0538	0.1969
13:24:23	10.5769	7.1282	0.1922
13:24:33	10.4894	7.1913	0.1969
13:24:43	10.4263	7.2347	0.1969
13:24:53	10.4245	7.2371	0.1969
13:25:03	10.4834	7.196	0.1898
13:25:13	10.5846	7.1312	0.1922
13:25:23	10.6935	7.0538	0.2029
13:25:33	10.7774	6.9967	0.1946
13:25:43	10.7792	7.0056	0.1898
13:25:53	10.7298	7.0455	0.191
13:26:03	10.6876	7.0758	0.1969
13:26:13	10.6173	7.1294	0.1821
13:26:23	10.5864	7.1431	0.1821
13:26:33	10.5715	7.1514	0.1898
13:26:43	10.6364	7.099	0.1969
13:26:53	10.7447	7.0258	0.2047
13:27:03	10.8363	6.9812	0.2047
13:27:13	10.8917	6.9675	0.2047
13:27:23	10.8691	6.9943	0.2071
13:27:33	10.8113	7.0342	0.2047
13:27:43	10.7637	7.0621	0.2047
13:27:53	10.6971	7.0972	0.1969
13:28:03	10.6399	7.1246	0.1969
13:28:13	10.659	7.1044	0.2047
13:28:23	10.7465	7.024	0.2047
13:28:33	10.8423	6.9497	0.2047
13:28:43	10.8952	6.9015	0.2255
13:28:53	10.8786	6.9175	0.2154
13:29:03	10.7905	6.9752	0.2106
13:29:13	10.703	7.0389	0.1969
13:29:23	10.6036	7.102	0.2047
13:29:33	10.5769	7.1151	0.2047
13:29:43	10.6173	7.0806	0.2047
13:29:53	10.7221	6.9943	0.2047
13:30:03	10.8137	6.9378	0.1993
13:30:13	10.8881	6.8919	0.2047
13:30:23	10.9185	6.8848	0.2047
13:30:33	10.8822	6.9372	0.213
13:30:43	10.7947	7.0163	0.2154
13:30:53	10.7316	7.0598	0.2071
13:31:03	10.7369	7.0592	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:31:13	10.7697	7.0365	0.2047
13:31:23	10.85	6.977	0.1969
13:31:33	10.9625	6.8884	0.2047
13:31:43	11.0922	6.789	0.2106
13:31:53	11.1285	6.767	0.2047
13:32:03	11.0732	6.8158	0.1969
13:32:13	10.9869	6.8812	0.2047
13:32:23	10.9089	6.9372	0.2047
13:32:33	10.8113	7.0068	0.2047
13:32:43	10.7851	7.0205	0.1922
13:32:53	10.8328	6.9782	0.1946
13:33:03	10.9012	6.9259	0.2047
13:33:13	11.0232	6.8408	0.2029
13:33:23	11.1244	6.7795	0.1969
13:33:33	11.0994	6.8015	0.1922
13:33:43	11.0309	6.855	0.1898
13:33:53	10.922	6.9354	0.1821
13:34:03	10.8381	6.9931	0.1898
13:34:13	10.8	7.0187	0.1969
13:34:23	10.8518	6.9747	0.1993
13:34:33	10.9833	6.8836	0.1993
13:34:43	11.1339	6.7741	0.1969
13:34:53	11.2809	6.6747	0.1969
13:35:03	11.3207	6.6723	0.1969
13:35:13	11.2844	6.7182	0.1969
13:35:23	11.2368	6.7586	0.2047
13:35:33	11.1684	6.8128	0.213
13:35:43	11.1089	6.8556	0.213
13:35:53	11.1244	6.8419	0.213
13:36:03	11.1702	6.808	0.2207
13:36:13	11.2505	6.739	0.2207
13:36:23	11.3457	6.6658	0.2207
13:36:33	11.3856	6.6509	0.2231
13:36:43	11.3493	6.686	0.2207
13:36:53	11.2773	6.7461	0.2231
13:37:03	11.172	6.8241	0.1969
13:37:13	11.1184	6.8556	0.1969
13:37:23	11.1434	6.8372	0.2082
13:37:33	11.2029	6.7836	0.2047
13:37:43	11.3035	6.7069	0.213
13:37:53	11.4219	6.617	0.2279
13:38:03	11.4564	6.6039	0.2207
13:38:13	11.4279	6.6313	0.213
13:38:23	11.3457	6.6973	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:38:33	11.2696	6.7562	0.213
13:38:43	11.222	6.7878	0.213
13:38:53	11.2196	6.7723	0.2207
13:39:03	11.2963	6.7128	0.2219
13:39:13	11.4047	6.6253	0.2279
13:39:23	11.51	6.5551	0.2279
13:39:33	11.5749	6.5105	0.2207
13:39:43	11.5362	6.5474	0.2231
13:39:53	11.4427	6.6259	0.2207
13:40:03	11.3571	6.692	0.2154
13:40:13	11.2714	6.7479	0.213
13:40:23	11.2386	6.7783	0.213
13:40:33	11.2981	6.7211	0.213
13:40:43	11.3743	6.6622	0.2207
13:40:53	11.4505	6.6045	0.2178
13:41:03	11.529	6.5474	0.213
13:41:13	11.51	6.5741	0.213
13:41:23	11.4487	6.6241	0.213
13:41:33	11.3207	6.7164	0.2106
13:41:43	11.216	6.7973	0.2207
13:41:53	11.191	6.8098	0.2231
13:42:03	11.241	6.764	0.238
13:42:13	11.3362	6.6854	0.2356
13:42:23	11.4374	6.6099	0.2303
13:42:33	11.4945	6.5753	0.2416
13:42:43	11.491	6.5855	0.2439
13:42:53	11.4124	6.6485	0.2356
13:43:03	11.313	6.7146	0.2279
13:43:13	11.2523	6.7568	0.2196
13:43:23	11.2904	6.7146	0.2338
13:43:33	11.3707	6.6503	0.2279
13:43:43	11.4737	6.567	0.2279
13:43:53	11.5308	6.5158	0.213
13:44:03	11.5421	6.5152	0.2207
13:44:13	11.4713	6.5837	0.2207
13:44:23	11.3588	6.6622	0.2279
13:44:33	11.2446	6.7562	0.2279
13:44:43	11.1815	6.7997	0.2356
13:44:53	11.1624	6.8128	0.2231
13:45:03	11.2101	6.7687	0.213
13:45:13	11.2791	6.7122	0.213
13:45:23	11.3517	6.667	0.2207
13:45:33	11.3493	6.6634	0.2255
13:45:43	11.3207	6.6944	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:45:53	11.26	6.7455	0.2279
13:46:03	11.1779	6.808	0.2118
13:46:13	11.1357	6.8378	0.2279
13:46:23	11.1035	6.8634	0.2196
13:46:33	11.0613	6.8806	0.2196
13:46:43	11.0898	6.8556	0.2154
13:46:53	11.0994	6.8431	0.2196
13:47:03	11.0845	6.8443	0.2118
13:47:13	11.069	6.8318	0.2094
13:47:23	11.1035	6.8092	0.2303
13:47:33	11.1321	6.783	0.2279

**Start Bias Calibration**

13:47:43	11.1571	6.7717	0.7873
13:47:53	1.4729	0.5945	0.4225
13:48:03	0.6927	0.4707	0.1089
13:48:13	0.3987	0.2547	0.0702
13:48:23	0.1279	0.1148	0.0618
13:48:33	0.0327	0.0642	0.0708
13:48:43	0.0041	0.0505	0.0571
13:48:53	-0.0054	0.0446	0.0493
13:49:03	-0.0078	0.041	0.0458

**Zero Bias**

13:49:13	0.0059	0.0482	0.2142
13:49:23	13.6101	0.532	7.8423
13:49:33	19.0877	0.0922	14.7718
13:49:43	19.5228	0.1797	14.9503
13:49:53	20.0167	0.1041	14.9652
13:50:03	20.2494	0.0589	14.9813
13:50:13	20.3294	0.0428	14.9896
13:50:23	20.3506	0.038	14.9848
13:50:33	20.3546	0.0357	14.9896

**THC Mid Bias**

13:50:43	20.3601	0.0345	14.9813
13:50:53	20.3355	0.0374	12.0593
13:51:03	11.9349	6.6229	0.9492
13:51:13	11.0994	6.7152	0.3469
13:51:23	11.1131	6.7104	0.3112
13:51:33	10.972	6.8199	0.2898

**Resume Run 5B**

13:51:43	10.8708	6.8836	0.2898
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24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:51:53	10.7316	6.9949	0.2689
13:52:03	10.5733	7.1014	0.2588
13:52:13	10.3596	7.2597	0.2564
13:52:23	10.2412	7.3329	0.2493
13:52:33	10.2127	7.3406	0.2356
13:52:43	10.2966	7.2716	0.2356
13:52:53	10.4436	7.1615	0.2392
13:53:03	10.5769	7.0639	0.2178
13:53:13	10.6286	7.0246	0.2255
13:53:23	10.5465	7.0967	0.2279
13:53:33	10.4203	7.1853	0.2279
13:53:43	10.2603	7.2889	0.2196
13:53:53	10.2353	7.2924	0.2196
13:54:03	10.2757	7.2502	0.213
13:54:13	10.3692	7.1728	0.2207
13:54:23	10.4703	7.0919	0.2207
13:54:33	10.5233	7.0419	0.2154
13:54:43	10.4245	7.1187	0.2094
13:54:53	10.2204	7.2585	0.213
13:55:03	10.0103	7.4031	0.2047
13:55:13	9.8502	7.4972	0.2017
13:55:23	9.8104	7.518	0.2118
13:55:33	9.8711	7.4656	0.2142
13:55:43	9.9645	7.4031	0.2106
13:55:53	10.0698	7.3299	0.2094
13:56:03	10.1347	7.2889	0.213
13:56:13	10.1002	7.3121	0.213
13:56:23	9.9722	7.4043	0.2071
13:56:33	9.8598	7.4775	0.2094
13:56:43	9.7532	7.5406	0.213
13:56:53	9.7645	7.5263	0.2118
13:57:03	9.8538	7.4561	0.2029
13:57:13	9.9835	7.3662	0.2047
13:57:23	10.0889	7.2924	0.2196
13:57:33	10.146	7.2514	0.2154
13:57:43	10.1097	7.2865	0.2118
13:57:53	9.9835	7.3728	0.2118
13:58:03	9.8901	7.443	0.2047
13:58:13	9.8538	7.4698	0.2047
13:58:23	9.8847	7.4573	0.2047
13:58:33	10.0181	7.3722	0.2142
13:58:43	10.1859	7.2561	0.213
13:58:53	10.3293	7.1615	0.2178
13:59:03	10.3442	7.1597	0.2196

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:59:13	10.2353	7.2436	0.2071
13:59:23	10.1174	7.3317	0.2047
13:59:33	10.0008	7.4073	0.1969
13:59:43	9.9341	7.4507	0.2047
13:59:53	9.9454	7.4406	0.1969
14:00:03	10.0544	7.3537	0.2047
14:00:13	10.1686	7.2728	0.213
14:00:23	10.2412	7.2216	0.2178
14:00:33	10.2335	7.2353	0.2154
14:00:43	10.0716	7.3555	0.2047
14:00:53	9.9341	7.4484	0.2071
14:01:03	9.7985	7.543	0.213
14:01:13	9.7758	7.5489	0.2047
14:01:23	9.8252	7.518	0.213
14:01:33	9.9895	7.4013	0.2279
14:01:43	10.1668	7.2799	0.2356
14:01:53	10.2793	7.2056	0.2315
14:02:03	10.2811	7.2151	0.2196
14:02:13	10.1686	7.2978	0.2196
14:02:23	10.0276	7.4043	0.2196
14:02:33	9.9687	7.4347	0.2071
14:02:43	9.9782	7.4269	0.2029
14:02:53	10.0752	7.3555	0.2047
14:03:03	10.2109	7.2645	0.2047
14:03:13	10.3977	7.13	0.213
14:03:23	10.5715	7.0151	0.2118
14:03:33	10.6608	6.9645	0.2118
14:03:43	10.7602	6.9128	0.2118
14:03:53	10.8363	6.8723	0.213
14:04:03	10.8952	6.8366	0.2071
14:04:13	10.9798	6.786	0.2041
14:04:23	11.1208	6.6801	0.2047
14:04:33	11.2654	6.5801	0.213
14:04:43	11.4201	6.467	0.2118
14:04:53	11.5136	6.4069	0.213
14:05:03	11.5421	6.401	0.213
14:05:13	11.466	6.4712	0.2094
14:05:23	11.3571	6.5694	0.213
14:05:33	11.3059	6.6099	0.213
14:05:43	11.3285	6.5968	0.213
14:05:53	11.4011	6.5414	0.2178
14:06:03	11.5076	6.4629	0.2154
14:06:13	11.6588	6.3468	0.2196
14:06:23	11.8647	6.1962	0.2118

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:06:33	12.0438	6.0748	0.2196
14:06:43	12.1051	6.0469	0.2207
14:06:53	12.1182	6.0499	0.2207
14:07:03	12.1087	6.0713	0.2196
14:07:13	12.189	6.007	0.2196
14:07:23	12.311	5.9112	0.2279
14:07:33	12.4235	5.8219	0.2356
14:07:43	12.5437	5.7368	0.2356
14:07:53	12.6217	5.6523	0.2356
14:08:03	12.5895	5.6839	0.2196
14:08:13	12.4824	5.7761	0.2118
14:08:23	12.3699	5.8725	0.1969
14:08:33	12.2973	5.9374	0.1993
14:08:43	12.2729	5.9665	0.2047
14:08:53	12.2765	5.9743	0.2196
14:09:03	12.3223	5.9409	0.2196
14:09:13	12.2938	5.9582	0.2154
14:09:23	12.1432	6.0504	0.2047
14:09:33	11.8819	6.2373	0.2047
14:09:43	11.5576	6.4635	0.2047
14:09:53	11.2237	6.6908	0.1922
14:10:03	10.9393	6.8723	0.2017
14:10:13	10.8042	6.9503	0.2047
14:10:23	10.806	6.9235	0.1969
14:10:33	10.8935	6.8527	0.1969
14:10:43	11.0137	6.7592	0.2047
14:10:53	11.094	6.7069	0.2207
14:11:03	11.0559	6.7378	0.2047
14:11:13	10.8881	6.855	0.1969
14:11:23	10.7661	6.9378	0.1821
14:11:33	10.6459	7.0104	0.1821
14:11:43	10.5786	7.0538	0.1898
14:11:53	10.6269	7.0098	0.191
14:12:03	10.7179	6.9354	0.2017
14:12:13	10.8113	6.8717	0.2047
14:12:23	10.8345	6.8622	0.2207
14:12:33	10.7947	6.9092	0.2154
14:12:43	10.7012	6.9842	0.2118
14:12:53	10.5691	7.0746	0.2017
14:13:03	10.4531	7.1585	0.1969
14:13:13	10.371	7.2067	0.1969
14:13:23	10.409	7.1681	0.1898
14:13:33	10.5066	7.0961	0.1969
14:13:43	10.6417	6.9985	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:13:53	10.6876	6.977	0.2047
14:14:03	10.6036	7.0508	0.2047
14:14:13	10.4894	7.127	0.1969
14:14:23	10.3745	7.2163	0.1993
14:14:33	10.3025	7.2639	0.1969
14:14:43	10.243	7.3049	0.1969
14:14:53	10.2454	7.302	0.1969
14:15:03	10.287	7.2704	0.191
14:15:13	10.3745	7.2002	0.1898
14:15:23	10.4132	7.1841	0.1898
14:15:33	10.3233	7.2383	0.1821
14:15:43	10.1633	7.3424	0.1761
14:15:53	9.9627	7.4734	0.1821
14:16:03	9.7532	7.5954	0.1743
14:16:13	9.5586	7.7078	0.1743
14:16:23	9.5146	7.7072	0.1868
14:16:33	9.5182	7.687	0.1821
14:16:43	9.5681	7.6453	0.1821
14:16:53	9.5908	7.6299	0.1821
14:17:03	9.467	7.7275	0.1898
14:17:13	9.3426	7.8191	0.1892
14:17:23	9.1676	7.9316	0.1892
14:17:33	9.0242	8.0215	0.1969
14:17:43	8.9403	8.075	0.1898
14:17:53	8.9957	8.0334	0.1898
14:18:03	9.0605	7.9929	0.1969
14:18:13	9.129	7.9548	0.1898
14:18:23	9.1748	7.9352	0.1969
14:18:33	9.1272	7.9768	0.2047
14:18:43	9.0147	8.0619	0.2047
14:18:53	8.8641	8.1684	0.2017
14:19:03	8.7957	8.2083	0.1993
14:19:13	8.7534	8.2375	0.2094
14:19:23	8.8165	8.1893	0.213
14:19:33	8.9611	8.0923	0.213
14:19:43	9.1081	7.9977	0.213
14:19:53	9.2075	7.9405	0.1969
14:20:03	9.198	7.9631	0.2047
14:20:13	9.1426	8.0155	0.2142
14:20:23	9.0379	8.0941	0.2207
14:20:33	8.9992	8.1208	0.2207
14:20:43	9.026	8.0994	0.213
14:20:53	9.1176	8.0334	0.188
14:21:03	9.2206	7.9625	0.1946

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:21:13	9.32	7.8929	0.1969
14:21:23	9.2873	7.9262	0.1969
14:21:33	9.1962	7.9911	0.1898
14:21:43	9.0546	8.0863	0.1969
14:21:53	8.9653	8.1333	0.1898
14:22:03	8.8963	8.178	0.1898
14:22:13	8.9326	8.1411	0.1898
14:22:23	8.9921	8.1012	0.1969
14:22:33	9.0718	8.0429	0.1969
14:22:43	9.1176	8.0155	0.1969
14:22:53	9.1004	8.0381	0.1969
14:23:03	9.0433	8.0869	0.2047
14:23:13	8.9177	8.1679	0.213
14:23:23	8.8296	8.2113	0.2106
14:23:33	8.7933	8.2297	0.2047
14:23:43	8.8433	8.1887	0.2082
14:23:53	8.9611	8.1024	0.1898
14:24:03	9.1123	7.9965	0.2047
14:24:13	9.2896	7.8733	0.2047
14:24:23	9.3884	7.8144	0.213
14:24:33	9.4134	7.8084	0.2154
14:24:43	9.3884	7.8322	0.2118
14:24:53	9.3521	7.8643	0.2303
14:25:03	9.3563	7.8626	0.2279
14:25:13	9.4342	7.8084	0.2207
14:25:23	9.564	7.7215	0.2207
14:25:33	9.711	7.6299	0.2279
14:25:43	9.7699	7.6079	0.2279
14:25:53	9.7187	7.662	0.2279
14:26:03	9.6788	7.7037	0.2267
14:26:13	9.614	7.7626	0.2231
14:26:23	9.5527	7.8054	0.2279
14:26:33	9.5205	7.8304	0.2047
14:26:43	9.5812	7.7882	0.2047
14:26:53	9.6556	7.7376	0.2196
14:27:03	9.7818	7.6572	0.2196
14:27:13	9.8788	7.5965	0.2196
14:27:23	9.8675	7.6209	0.2196
14:27:33	9.8348	7.6453	0.2178
14:27:43	9.7568	7.6995	0.213
14:27:53	9.7241	7.7197	0.2196
14:28:03	9.7378	7.7156	0.2207
14:28:13	9.8104	7.6561	0.2196
14:28:23	9.9151	7.5775	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:28:33	10.0198	7.5001	0.2047
14:28:43	10.0353	7.4924	0.2047
14:28:53	9.9341	7.5626	0.2047
14:29:03	9.7794	7.6644	0.2047
14:29:13	9.5848	7.7911	0.2047
14:29:23	9.4842	7.8429	0.1969
14:29:33	9.4194	7.8757	0.1969
14:29:43	9.442	7.8513	0.2047
14:29:53	9.4973	7.8007	0.2047
14:30:03	9.5432	7.7656	0.213
14:30:13	9.467	7.8269	0.1993
14:30:23	9.3105	7.9352	0.1969
14:30:33	9.1444	8.0506	0.1969
14:30:43	8.9635	8.1601	0.1821
14:30:53	8.8201	8.2387	0.1809
14:31:03	8.807	8.2327	0.1785
14:31:13	8.8772	8.1833	0.1898
14:31:23	9.0111	8.0899	0.1946
14:31:33	9.1385	8.0155	0.1969
14:31:43	9.173	8.003	0.1993
14:31:53	9.1557	8.0316	0.213
14:32:03	9.1046	8.0792	0.213
14:32:13	9.0165	8.1357	0.213
14:32:23	8.9802	8.1625	0.213
14:32:33	9.0683	8.1036	0.2196
14:32:43	9.173	8.028	0.2207
14:32:53	9.3236	7.9143	0.213
14:33:03	9.4265	7.8536	0.2219
14:33:13	9.4384	7.8542	0.2118
14:33:23	9.3735	7.903	0.2142
14:33:33	9.2896	7.9619	0.2041
14:33:43	9.1825	8.0262	0.1993
14:33:53	9.1099	8.0697	0.2017
14:34:03	9.1141	8.0625	0.1969
14:34:13	9.1653	8.022	0.1898
14:34:23	9.2682	7.9489	0.1892
14:34:33	9.3468	7.8941	0.1898
14:34:43	9.3581	7.8917	0.1898
14:34:53	9.2515	7.9655	0.1898
14:35:03	9.1367	8.0411	0.1969
14:35:13	9.032	8.097	0.2017
14:35:23	8.9653	8.1333	0.1969
14:35:33	9.0189	8.0911	0.2005
14:35:43	9.1063	8.0304	0.1809

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:35:53	9.2325	7.9375	0.1946
14:36:03	9.3545	7.8632	0.2047
14:36:13	9.3908	7.8358	0.213
14:36:23	9.3521	7.8762	0.2118
14:36:33	9.2896	7.9191	0.213
14:36:43	9.2533	7.9506	0.2047
14:36:53	9.2777	7.9352	0.2041
14:37:03	9.3813	7.8667	0.2047
14:37:13	9.4973	7.79	0.2047
14:37:23	9.6538	7.6757	0.2118
14:37:33	9.7336	7.6305	0.2118
14:37:43	9.6747	7.6858	0.1969
14:37:53	9.5812	7.7513	0.2255
14:38:03	9.4801	7.8221	0.2196
14:38:13	9.3831	7.881	0.219
14:38:23	9.3408	7.9054	0.2047
14:38:33	9.3831	7.8673	0.2047
14:38:43	9.4515	7.8084	0.2047
14:38:53	9.5509	7.7441	0.2047
14:39:03	9.5812	7.7245	0.2059
14:39:13	9.4801	7.8126	0.2207
14:39:23	9.3616	7.9036	0.2207
14:39:33	9.2266	7.9977	0.1969
14:39:43	9.1385	8.0601	0.2047
14:39:53	9.1236	8.0601	0.2196
14:40:03	9.2188	7.9929	0.213
14:40:13	9.3486	7.9024	0.213
14:40:23	9.5033	7.7995	0.2178
14:40:33	9.5777	7.7614	0.2291
14:40:43	9.5562	7.7894	0.2279
14:40:53	9.5241	7.8185	0.213
14:41:03	9.4342	7.8762	0.2047
14:41:13	9.3813	7.9221	0.2047
14:41:23	9.4152	7.8899	0.2047
14:41:33	9.4705	7.8483	0.2196
14:41:43	9.5812	7.7614	0.2279
14:41:53	9.6634	7.6977	0.2279
14:42:03	9.6158	7.737	0.2279
14:42:13	9.4705	7.8358	0.2279
14:42:23	9.3164	7.9304	0.2207
14:42:33	9.173	8.025	0.2207
14:42:43	9.1046	8.0619	0.2279
14:42:53	9.0873	8.0631	0.2356
14:43:03	9.1504	8.0209	0.2392

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:43:13	9.2325	7.9602	0.2356
14:43:23	9.2855	7.9298	0.2207
14:43:33	9.2664	7.9566	0.213
14:43:43	9.1903	8.0304	0.213
14:43:53	9.1331	8.0786	0.2207
14:44:03	9.0891	8.1089	0.2207
14:44:13	9.0569	8.1327	0.2178
14:44:23	9.1504	8.0655	0.2207
14:44:33	9.295	7.9602	0.2207
14:44:43	9.442	7.8626	0.2231
14:44:53	9.5562	7.784	0.213
14:45:03	9.5735	7.7792	0.213
14:45:13	9.4991	7.8376	0.2207
14:45:23	9.4325	7.8762	0.2291
14:45:33	9.364	7.9274	0.2231
14:45:43	9.3295	7.9619	0.2291
14:45:53	9.3123	7.9857	0.2207
14:46:03	9.3123	7.9994	0.2207
14:46:13	9.3218	8.0078	0.213
14:46:23	9.3105	8.0363	0.2255
14:46:33	9.2759	8.0816	0.2368
14:46:43	9.2629	8.1048	0.2439
14:46:53	9.3123	8.0857	0.2356
14:47:03	9.3521	8.0673	0.2439
14:47:13	9.4003	8.0351	0.2356
14:47:23	9.3771	8.0613	0.2416
14:47:33	9.2629	8.1512	0.2439
14:47:43	9.1349	8.2399	0.2356
14:47:53	9.0111	8.3291	0.2356
14:48:03	8.9802	8.344	0.2439
14:48:13	9.0284	8.2994	0.2439
14:48:23	9.1426	8.2184	0.2541
14:48:33	9.2759	8.1131	0.2541
14:48:43	9.3849	8.0345	0.2439
14:48:53	9.4021	8.0143	0.2493
14:49:03	9.3616	8.047	0.2517
14:49:13	9.2777	8.1048	0.2517
14:49:23	9.1867	8.1619	0.2517
14:49:33	9.1712	8.1679	0.2517
14:49:43	9.2759	8.0869	0.2517
14:49:53	9.4289	7.9857	0.2439
14:50:03	9.5658	7.8887	0.2517
14:50:13	9.6592	7.8161	0.2439
14:50:23	9.5908	7.8685	0.2356



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:50:33	9.4557	7.9596	0.2356
14:50:43	9.3331	8.0363	0.2279
14:50:53	9.2325	8.0917	0.2356
14:51:03	9.2129	8.0923	0.2439
14:51:13	9.2551	8.0482	0.2439
14:51:23	9.3372	7.978	0.2439
14:51:33	9.417	7.9197	0.2463
14:51:43	9.442	7.9108	0.2517
14:51:53	9.364	7.9679	0.2475
14:52:03	9.2533	8.0429	0.2517
14:52:13	9.1462	8.1119	0.2517
14:52:23	9.0569	8.1649	0.2493
14:52:33	9.0855	8.1381	0.2517
14:52:43	9.2016	8.0619	0.2517
14:52:53	9.3331	7.9667	0.2439
14:53:03	9.4116	7.9072	0.2356
14:53:13	9.4384	7.8941	0.2439
14:53:23	9.3735	7.9387	0.238
14:53:33	9.2992	7.9756	0.2517
14:53:43	9.2075	8.0322	0.2517
14:53:53	9.1867	8.0363	0.2517
14:54:03	9.2515	7.9834	0.2416
14:54:13	9.3259	7.928	0.238

**Start Bias Calibration**

14:54:23	9.4229	7.8495	0.238
14:54:33	9.4723	7.8138	0.2356
14:54:43	8.8469	2.5423	1.4996
14:54:53	0.6617	0.6022	0.1856
14:55:03	0.4981	0.4159	0.1077
14:55:13	0.21	0.194	0.0815
14:55:23	0.0499	0.0904	0.0654
14:55:33	0.0095	0.0618	0.0493
14:55:43	-0.0054	0.0511	0.0493
14:55:53	-0.0054	0.0446	0.0493
14:56:03	-0.0149	0.041	0.0493

**Zero Bias**

	<b>-0.00857</b>	<b>0.045567</b>	<b>0.0493</b>
14:56:13	0.0059	0.0535	0.2392
14:56:23	8.3107	7.5263	1.4157
14:56:33	18.4663	0.1464	13.0484
14:56:43	19.4064	0.3041	14.8771
14:56:53	19.765	0.2243	14.945
14:57:03	20.1235	0.1071	14.964

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
14:57:13	20.2725	0.0613	14.9848
14:57:23	20.3259	0.0452	14.9973
14:57:33	20.343	0.0398	14.9985
14:57:43	20.345	0.0392	14.9985
<b>THC Mid Bias</b>	<b>20.33797</b>	<b>0.0414</b>	<b>14.9981</b>
14:57:53	20.345	0.038	15.0051
14:58:03	20.3027	0.0553	9.2224
14:58:13	10.409	7.3347	0.5367
14:58:23	9.9306	7.418	0.2803
<b>Resume Run 5B</b>			
14:58:33	9.7758	7.521	0.2517
14:58:43	9.6616	7.5971	0.2439
14:58:53	9.5967	7.6323	0.2517
14:59:03	9.6044	7.6251	0.2463
14:59:13	9.6021	7.6317	0.2439
14:59:23	9.5449	7.6793	0.2255
14:59:33	9.4307	7.7697	0.2196
14:59:43	9.2837	7.8762	0.2207
14:59:53	9.1653	7.9524	0.2118
15:00:03	9.1218	7.981	0.213
15:00:13	9.148	7.9643	0.213
15:00:23	9.2224	7.9239	0.2118
15:00:33	9.3105	7.8679	0.2047
15:00:43	9.3676	7.8382	0.2094
15:00:53	9.3295	7.8786	0.2071
15:01:03	9.2111	7.9727	0.213
15:01:13	9.1081	8.0488	0.1993
15:01:23	9.0796	8.0673	0.1969
15:01:33	9.1522	8.0143	0.2118
15:01:43	9.3355	7.881	0.213
15:01:53	9.5104	7.7614	0.1993
15:02:03	9.6747	7.6442	0.213
15:02:13	9.8181	7.5382	0.213
15:02:23	9.8467	7.5275	0.2047
15:02:33	9.7758	7.5763	0.2071
15:02:43	9.7264	7.6061	0.213
15:02:53	9.6806	7.6346	0.2047
15:03:03	9.6497	7.643	0.1969
15:03:13	9.6997	7.6007	0.1898
15:03:23	9.7949	7.5323	0.1969
15:03:33	9.9115	7.4466	0.1993
15:03:43	10.0008	7.3859	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:03:53	9.9877	7.3972	0.2047
15:04:03	9.8615	7.4906	0.2041
15:04:13	9.7205	7.5918	0.1946
15:04:23	9.5622	7.6924	0.1898
15:04:33	9.4896	7.7334	0.1892
15:04:43	9.5128	7.7114	0.1969
15:04:53	9.6044	7.6453	0.1969
15:05:03	9.7663	7.537	0.1969
15:05:13	9.8943	7.4478	0.2047
15:05:23	9.9246	7.4406	0.1969
15:05:33	9.9228	7.4513	0.213
15:05:43	9.8484	7.5025	0.2196
15:05:53	9.736	7.5829	0.2094
15:06:03	9.6842	7.6162	0.2047
15:06:13	9.7455	7.5626	0.2047
15:06:23	9.8996	7.4501	0.2118
15:06:33	10.0294	7.3746	0.213
15:06:43	10.1496	7.2907	0.2279
15:06:53	10.2222	7.2454	0.2279
15:07:03	10.1746	7.2859	0.2196
15:07:13	10.077	7.3478	0.2196
15:07:23	9.974	7.4162	0.2207
15:07:33	9.9377	7.4377	0.219
15:07:43	9.9704	7.4085	0.2178
15:07:53	10.0829	7.3287	0.2279
15:08:03	10.2049	7.2383	0.2279
15:08:13	10.3233	7.1514	0.2279
15:08:23	10.3501	7.1377	0.2279
15:08:33	10.3001	7.1823	0.2279
15:08:43	10.1514	7.2805	0.2279
15:08:53	9.9835	7.3948	0.2207
15:09:03	9.9056	7.443	0.2279
15:09:13	9.877	7.4609	0.2279
15:09:23	9.9877	7.3692	0.2291
15:09:33	10.1442	7.2561	0.2255
15:09:43	10.2662	7.1681	0.2279
15:09:53	10.3674	7.0984	0.2231
15:10:03	10.384	7.0931	0.2291
15:10:13	10.3347	7.1371	0.2279
15:10:23	10.268	7.1889	0.2207
15:10:33	10.1996	7.2365	0.2279
15:10:43	10.1841	7.2401	0.2207
15:10:53	10.268	7.1758	0.219
15:11:03	10.4073	7.0723	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:11:13	10.5596	6.9669	0.213
15:11:23	10.6917	6.8687	0.213
15:11:33	10.684	6.889	0.213
15:11:43	10.5596	7.002	0.2047
15:11:53	10.434	7.0865	0.1969
15:12:03	10.3364	7.1538	0.1922
15:12:13	10.2811	7.1889	0.1868
15:12:23	10.2948	7.1752	0.1969
15:12:33	10.3977	7.0984	0.1892
15:12:43	10.5025	7.0217	0.1969
15:12:53	10.5769	6.961	0.2047
15:13:03	10.5578	6.986	0.2047
15:13:13	10.4358	7.0782	0.2047
15:13:23	10.2888	7.1776	0.2017
15:13:33	10.1365	7.2823	0.1969
15:13:43	10.0579	7.3323	0.2047
15:13:53	10.0508	7.3293	0.2029
15:14:03	10.1591	7.2514	0.2047
15:14:13	10.268	7.1675	0.2118
15:14:23	10.3745	7.0961	0.213
15:14:33	10.3882	7.0967	0.213
15:14:43	10.3269	7.146	0.213
15:14:53	10.1918	7.2365	0.2047
15:15:03	10.0793	7.3109	0.213
15:15:13	10.0317	7.3377	0.2047
15:15:23	10.0579	7.3133	0.213
15:15:33	10.1591	7.2407	0.2118
15:15:43	10.2394	7.1859	0.213
15:15:53	10.2948	7.1437	0.213
15:16:03	10.3293	7.124	0.2047
15:16:13	10.3347	7.1109	0.2118
15:16:23	10.346	7.1014	0.213
15:16:33	10.4132	7.0538	0.2047
15:16:43	10.5102	6.9889	0.2047
15:16:53	10.6417	6.9044	0.2047
15:17:03	10.825	6.7777	0.1969
15:17:13	10.9601	6.6813	0.1969
15:17:23	11.1071	6.5825	0.2047
15:17:33	11.191	6.5259	0.2118
15:17:43	11.1874	6.5533	0.2047
15:17:53	11.0845	6.6432	0.2047
15:18:03	11.0155	6.6997	0.2118
15:18:13	10.9149	6.7729	0.213
15:18:23	10.8917	6.786	0.219

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:18:33	10.9696	6.7199	0.2267
15:18:43	11.0881	6.6348	0.2279
15:18:53	11.2083	6.5426	0.2356
15:19:03	11.3172	6.4646	0.2439
15:19:13	11.3707	6.4373	0.2338
15:19:23	11.3493	6.47	0.2231
15:19:33	11.2999	6.5176	0.2207
15:19:43	11.2005	6.5974	0.213
15:19:53	11.1702	6.6188	0.2207
15:20:03	11.2196	6.573	0.2279
15:20:13	11.3303	6.4938	0.2279
15:20:23	11.4695	6.3903	0.2356
15:20:33	11.5993	6.2968	0.2338
15:20:43	11.6546	6.2641	0.2315
15:20:53	11.5897	6.3206	0.2207
15:21:03	11.4808	6.4093	0.213
15:21:13	11.3684	6.4938	0.2047
15:21:23	11.2844	6.5593	0.1969
15:21:33	11.2291	6.592	0.1969
15:21:43	11.2464	6.5801	0.1969
15:21:53	11.2844	6.5396	0.1969
15:22:03	11.382	6.4414	0.2106
15:22:13	11.4695	6.3849	0.2047
15:22:23	11.485	6.3837	0.213
15:22:33	11.4124	6.4504	0.2047
15:22:43	11.3249	6.517	0.1993
15:22:53	11.2731	6.5468	0.1898
15:23:03	11.2333	6.573	0.1898
15:23:13	11.2672	6.5343	0.2017
15:23:23	11.3517	6.4664	0.2047
15:23:33	11.4505	6.3855	0.2094
15:23:43	11.5421	6.3212	0.2106
15:23:53	11.5802	6.3093	0.2047
15:24:03	11.5517	6.3361	0.2047
15:24:13	11.4927	6.3849	0.1868
15:24:23	11.4392	6.4343	0.1821
15:24:33	11.4451	6.3986	0.1761
15:24:43	11.5308	6.3343	0.1969
15:24:53	11.6623	6.2373	0.1969
15:25:03	11.832	6.1064	0.2047
15:25:13	11.9694	6.0022	0.2047
15:25:23	12.0117	5.982	0.2071
15:25:33	11.9504	6.0374	0.2047
15:25:43	11.8337	6.1308	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:25:53	11.7445	6.1968	0.1981
15:26:03	11.6415	6.2772	0.213
15:26:13	11.5653	6.3284	0.2178
15:26:23	11.5939	6.3016	0.2231
15:26:33	11.6564	6.2528	0.2118
15:26:43	11.729	6.1939	0.2047
15:26:53	11.7861	6.148	0.1969
15:27:03	11.773	6.1802	0.1969
15:27:13	11.7236	6.2224	0.1969
15:27:23	11.6296	6.2986	0.1969
15:27:33	11.5421	6.3617	0.191
15:27:43	11.4927	6.3914	0.2047
15:27:53	11.5326	6.3528	0.2047
15:28:03	11.607	6.2861	0.2047
15:28:13	11.6986	6.1998	0.2047
15:28:23	11.7427	6.1599	0.2017
15:28:33	11.6796	6.2093	0.1898
15:28:43	11.5267	6.3266	0.1969
15:28:53	11.3398	6.47	0.1892
15:29:03	11.1797	6.5825	0.1898
15:29:13	11.0482	6.6801	0.1821
15:29:23	11.0369	6.6777	0.1934
15:29:33	11.0637	6.661	0.1969
15:29:43	11.1511	6.5902	0.1957
15:29:53	11.2464	6.5236	0.1969
15:30:03	11.2273	6.5533	0.1969
15:30:13	11.1529	6.617	0.1969
15:30:23	11.0768	6.6801	0.2047
15:30:33	11.0637	6.6938	0.2047
15:30:43	11.1511	6.6313	0.2047
15:30:53	11.2559	6.5474	0.2118
15:31:03	11.4106	6.4396	0.213
15:31:13	11.563	6.3236	0.2047
15:31:23	11.71	6.2052	0.2118
15:31:33	11.798	6.1528	0.1969
15:31:43	11.8242	6.1421	0.2047
15:31:53	11.8552	6.1338	0.2047
15:32:03	11.8855	6.1231	0.1969
15:32:13	11.9028	6.1094	0.1969
15:32:23	11.9176	6.1016	0.2017
15:32:33	11.9409	6.0778	0.2047
15:32:43	11.9486	6.0582	0.213
15:32:53	11.9331	6.0463	0.2047
15:33:03	11.8665	6.0981	0.2041

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:33:13	11.7195	6.2183	0.1993
15:33:23	11.5552	6.3397	0.1969
15:33:33	11.3457	6.4873	0.191
15:33:43	11.1857	6.5962	0.1957
15:33:53	11.0732	6.6676	0.1892
15:34:03	11.0274	6.6914	0.1892
15:34:13	11.0309	6.6777	0.1892
15:34:23	11.0654	6.6271	0.1892
15:34:33	11.0672	6.6229	0.1892
15:34:43	10.9774	6.6955	0.191
15:34:53	10.8839	6.7676	0.1892
15:35:03	10.7923	6.8449	0.1892
15:35:13	10.659	6.9324	0.1969
15:35:23	10.6096	6.9639	0.2047
15:35:33	10.6227	6.9473	0.2047
15:35:43	10.6435	6.9229	0.2094
15:35:53	10.6626	6.9056	0.2154
15:36:03	10.6626	6.9026	0.2196
15:36:13	10.5786	6.9622	0.2071
15:36:23	10.4757	7.0419	0.2017
15:36:33	10.365	7.1419	0.2047
15:36:43	10.2549	7.2353	0.2118
15:36:53	10.2091	7.277	0.2279
15:37:03	10.262	7.2264	0.2356
15:37:13	10.3596	7.1508	0.2154
15:37:23	10.5043	7.0461	0.1969
15:37:33	10.5864	6.9794	0.1969
15:37:43	10.6036	6.9758	0.2047
15:37:53	10.5923	6.9937	0.2047
15:38:03	10.531	7.0348	0.1969
15:38:13	10.4703	7.0782	0.2118
15:38:23	10.4299	7.105	0.2047
15:38:33	10.4626	7.077	0.1993
15:38:43	10.5043	7.0431	0.2094
15:38:53	10.5542	7.002	0.213
15:39:03	10.5864	6.98	0.2047
15:39:13	10.5769	6.9889	0.2047
15:39:23	10.4834	7.0598	0.1969
15:39:33	10.3805	7.127	0.1969
15:39:43	10.2835	7.1996	0.1922
15:39:53	10.2162	7.2407	0.1821
15:40:03	10.1877	7.2538	0.1868
15:40:13	10.2567	7.1907	0.1969
15:40:23	10.3198	7.1449	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:40:33	10.4168	7.0746	0.213
15:40:43	10.4203	7.0723	0.213
15:40:53	10.4073	7.0907	0.2154
15:41:03	10.3864	7.1121	0.213
15:41:13	10.3745	7.1258	0.2154
15:41:23	10.3614	7.1407	0.213
15:41:33	10.3727	7.127	0.213
15:41:43	10.4721	7.0538	0.2279
15:41:53	10.6072	6.9556	0.2279
15:42:03	10.7792	6.8318	0.2178
15:42:13	10.8994	6.7604	0.2106
15:42:23	10.9185	6.761	0.213
15:42:33	10.8786	6.7931	0.2047
15:42:43	10.8232	6.839	0.1969
15:42:53	10.8137	6.8473	0.2047
15:43:03	10.85	6.8205	0.1969
15:43:13	10.9643	6.7378	0.219
15:43:23	11.0768	6.661	0.2207
15:43:33	11.1833	6.5753	0.2279
15:43:43	11.2749	6.5152	0.2207
15:43:53	11.2618	6.5313	0.2207
15:44:03	11.2047	6.586	0.2106
15:44:13	11.0845	6.6854	0.2047
15:44:23	10.9911	6.7473	0.2047
15:44:33	10.9506	6.7646	0.1969
15:44:43	10.9815	6.7372	0.2047
15:44:53	11.0595	6.6747	0.213
15:45:03	11.1624	6.5944	0.213
15:45:13	11.2963	6.489	0.2118
15:45:23	11.338	6.4664	0.213
15:45:33	11.3588	6.451	0.2207
15:45:43	11.3761	6.4426	0.2207
15:45:53	11.4047	6.4254	0.2255
15:46:03	11.3934	6.4593	0.2094
15:46:13	11.4201	6.451	0.2047
15:46:23	11.4374	6.4551	0.2047
15:46:33	11.4868	6.4277	0.2231
15:46:43	11.5457	6.401	0.2279
15:46:53	11.6737	6.3063	0.2291
15:47:03	11.7463	6.2564	0.2291
15:47:13	11.8129	6.2153	0.2207
15:47:23	11.8647	6.1843	0.2142
15:47:33	11.8433	6.2052	0.2207
15:47:43	11.7826	6.2552	0.2207



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:47:53	11.71	6.3063	0.213
15:48:03	11.632	6.3635	0.2106
15:48:13	11.588	6.3909	0.213
15:48:23	11.5862	6.3807	0.213
15:48:33	11.582	6.3712	0.213
15:48:43	11.5993	6.3444	0.213
15:48:53	11.6183	6.3212	0.213
15:49:03	11.607	6.3242	0.213
15:49:13	11.5308	6.3855	0.213
15:49:23	11.4677	6.4313	0.213
15:49:33	11.4088	6.4712	0.213
15:49:43	11.3916	6.4783	0.2047
15:49:53	11.441	6.4402	0.213
15:50:03	11.5136	6.3778	0.2196
15:50:13	11.607	6.2944	0.2267
15:50:23	11.6754	6.2361	0.2154
15:50:33	11.6754	6.2343	0.2231
15:50:43	11.5784	6.3147	0.2207
15:50:53	11.4332	6.4242	0.2291
15:51:03	11.3077	6.5123	0.2207
15:51:13	11.1988	6.5795	0.2106
15:51:23	11.0827	6.6539	0.2094
15:51:33	11.0059	6.6914	0.213
15:51:43	10.9125	6.7402	0.213
15:51:53	10.8459	6.7646	0.213
15:52:03	10.7506	6.8152	0.2207
15:52:13	10.6245	6.9211	0.2207
15:52:23	10.4721	7.0318	0.2207
15:52:33	10.3442	7.1216	0.2047
15:52:43	10.1936	7.2216	0.2017
15:52:53	10.0984	7.2799	0.1969
15:53:03	10.0121	7.327	0.213
15:53:13	10.0103	7.3186	0.213
15:53:23	10.0865	7.2502	0.2279
15:53:33	10.1365	7.2073	0.213
15:53:43	10.1514	7.2056	0.2267
15:53:53	10.14	7.2311	0.1969
15:54:03	10.1252	7.246	0.2047
15:54:13	10.1079	7.2597	0.2047
15:54:23	10.1287	7.2425	0.2118
15:54:33	10.2162	7.1716	0.2047
15:54:43	10.3043	7.0967	0.2047
15:54:53	10.3977	7.0246	0.2118
15:55:03	10.5138	6.9366	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:55:13	10.4781	6.9699	0.2207
15:55:23	10.3805	7.0425	0.2231
15:55:33	10.2739	7.1181	0.213
15:55:43	10.1841	7.1812	0.2207
15:55:53	10.1591	7.202	0.213
15:56:03	10.2144	7.1675	0.2207
15:56:13	10.287	7.1216	0.2279
15:56:23	10.4108	7.0389	0.2207
15:56:33	10.5138	6.9723	0.2207
15:56:43	10.556	6.9562	0.2207
15:56:53	10.5215	6.9949	0.2207
15:57:03	10.4513	7.0473	0.2279
15:57:13	10.3823	7.0919	0.2291
15:57:23	10.409	7.0734	0.238
15:57:33	10.537	6.9895	0.2416
15:57:43	10.7679	6.8366	0.2439
15:57:53	10.9946	6.6807	0.2439
15:58:03	11.2029	6.5396	0.2439
15:58:13	11.3493	6.4432	0.2517
15:58:23	11.3856	6.4295	0.2475
15:58:33	11.4142	6.4158	0.2493
15:58:43	11.4011	6.4295	0.2451
15:58:53	11.4183	6.4182	0.2439
15:59:03	11.4927	6.3528	0.2517
15:59:13	11.6165	6.2558	0.2439
15:59:23	11.7671	6.1427	0.2368
15:59:33	11.8534	6.0707	0.2291
15:59:43	11.901	6.0391	0.2207
15:59:53	11.8819	6.0546	0.2207
16:00:03	11.8569	6.0826	0.213
16:00:13	11.8986	6.0713	0.213
16:00:23	11.9563	6.0314	0.2106
16:00:33	11.9902	6.0165	0.2059
16:00:43	12.0438	5.9832	0.2106
16:00:53	12.0783	5.957	0.213
16:01:03	12.1295	5.9154	0.213
16:01:13	12.1527	5.9005	0.213
16:01:23	12.1545	5.9005	0.213
16:01:33	12.1277	5.9225	0.213
16:01:43	12.1027	5.9374	0.2207
16:01:53	12.1182	5.9219	0.213
<b>End Run 5B</b>	<b>10.34317</b>	<b>7.204498</b>	<b>0.209734</b>
16:02:03	12.12	5.9261	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:02:13	12.1718	5.8749	0.2047
16:02:23	12.267	5.7957	0.213
16:02:33	12.3509	5.7255	0.213
16:02:43	12.4235	5.669	0.2154
16:02:53	12.4407	5.6583	0.219
16:03:03	12.3812	5.7178	0.213
16:03:13	12.3128	5.766	0.2178
16:03:23	12.2539	5.8166	0.213
16:03:33	12.2212	5.841	0.2207
16:03:43	12.2515	5.8207	0.2207
16:03:53	12.2938	5.7898	0.2207
16:04:03	10.3364	1.1057	0.404
16:04:13	0.7915	0.4427	0.119
16:04:23	0.6867	0.3618	0.0791
16:04:33	0.3624	0.1892	0.0666
16:04:43	0.1487	0.1053	0.0654
16:04:53	0.0517	0.0666	0.0654
16:05:03	0.0208	0.0517	0.0571
16:05:13	0.0077	0.0452	0.0571
16:05:23	0.0095	0.0428	0.0571
16:05:33	0.0327	0.0392	0.0517
16:05:43	0.0595	0.038	0.0571
<b>Zero Bias</b>	<b>0.0339</b>	<b>0.04</b>	<b>0.0553</b>
16:05:53	0.0839	0.0369	0.0583
16:06:03	14.2814	0.0726	0.5974
16:06:13	9.0569	8.3976	0.1374
16:06:23	8.9992	8.9058	0.0827
16:06:33	9.2629	9.0153	0.088
16:06:43	9.3503	9.2141	0.0868
16:06:53	9.364	9.339	0.0952
16:07:03	9.364	9.3962	0.088
16:07:13	9.3616	9.4176	0.0803
16:07:23	9.364	9.4259	0.0803
16:07:33	9.3616	9.4301	0.0868
16:07:43	9.364	9.436	0.0803
16:07:53	9.3694	9.4372	0.0868
<b>O2/CO2 Bias</b>	<b>9.365</b>	<b>9.434433</b>	<b>0.084633</b>
16:08:03	9.6824	9.3063	0.4302
16:08:13	18.9276	1.0848	4.6686
16:08:23	19.5726	0.6165	14.5546
16:08:33	19.91	0.4641	14.9735
16:08:43	20.0953	0.2975	14.9825

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:08:53	20.2267	0.1678	15.0063
16:09:03	20.2972	0.097	15.0063
16:09:13	20.3294	0.0648	15.0146
16:09:23	20.339	0.0511	15.0146
16:09:33	20.345	0.0476	15.0063
<b>THC Mid Bias</b>	<b>20.3378</b>	<b>0.0545</b>	<b>15.01183</b>
16:09:43	20.3486	0.0398	15.0063
16:09:53	20.3546	0.0374	14.995
16:10:03	20.4518	0.0583	6.5497



Project Name  
Project Number  
Facility

Veolia Sauget  
40942525

Comprehensive Performance Test - Unit 3

Sample Type	M5	Mod M26A	M29	M0023A	Averages
Source	Unit 3	Unit 3	Unit 3	Unit 3	
Condition	1	1	1	1	
Run	2A	2B	2B	2B	
Date	10/16/2013	10/16/2013	10/16/2013	10/16/2013	
Time Start	11:15	14:00	14:00	14:00	
Time Stop	12:25	15:00	16:50	17:20	
	11:15-12:25	14:00-15:00	14:00-16:50	14:00-17:20	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.425	0.398	0.401	0.397	
DGMCF	0.999	1.002	0.999	1.011	
Standard Temperature (°F)	68	68	68	68	
Barometric Pressure Measured (" Hg)	29.70	29.70	29.70	29.70	
Stack Elevation (ft) (relative to Barometer)	34	34	34	34	
Barometric Pressure ("Hg)	29.666	29.666	29.666	29.666	
Average Stack Temperature (°F)	365.9	368.3	367.1	366.6	367.0
Average DGM Temp (°F)	60.8	62.3	68.0	66.1	
Average Delta H (in wc)	1.55	1.16	1.09	1.18	
Condensed Water (g)	509.7	545.4	1170.3	1693.6	
Test Duration (minutes)	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	-0.02	-0.02	-0.02	-0.02	
Carbon Monoxide (CO) Content (%)	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	4.96	6.88	6.88	6.88	
Oxygen (O <sub>2</sub> ) Content (%)	13.38	11.19	11.19	11.19	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	81.66	81.92	81.92	81.92	
Meter Volume (acf)	42.124	35.832	72.194	105.364	
Average square root of ΔP (( $\sqrt{\Delta P}$ ) <sub>avg</sub> )	0.408	0.406	0.401	0.404	
Absolute Stack Pressure ("Hg)	29.66	29.66	29.66	29.66	
Absolute Stack Temperature (°R)	825.9	828.3	827.1	826.6	827.0
Flue Gas Moisture (%)	36.18	41.65	43.53	42.94	41.07
Moisture at saturation	N/A	N/A	N/A	N/A	
Moisture used in Calculation	36.18	41.65	43.53	42.94	41.07
Gas Molecular Weight (Wet) (g/g-mole)	25.23	24.74	24.52	24.59	
Corrected Volume of Gas sampled (acf)	42.082	35.904	72.122	106.523	
Volume at Meter (dscf)	42.461	36.088	71.708	106.303	
Average Gas Velocity (ft/sec)	30.75	30.98	30.68	30.92	30.83
Avg Flow Rate (acfh)	894,965	901,699	892,892	899,756	897,328
Avg Flow Rate (acfm)	14,916	15,028	14,882	14,996	14,955
Avg Flow Rate (scfh)	567,257	569,857	565,116	569,833	568,016
Avg Flow Rate (scfm)	9,454	9,498	9,419	9,497	9,467
Avg Flow Rate (dscfh)	362,025	332,526	319,139	325,174	334,716
Avg Flow Rate (dscfm)	6,034	5,542	5,319	5,420	5,579
Isokinetic Sampling Rate (%)	96.25	101.55	103.56	102.48	

Project Name  
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Comprehensive Performance Test - Unit 3

Sample Type	M5	Mod M26A	M29	M0023A	Averages
Source	Unit 3	Unit 3	Unit 3	Unit 3	
Condition	1	1	1	1	
Run	3A	3B	3B	3B	
Date	10/17/2013	10/17/2013	10/17/2013	10/17/2013	
Time Start	09:50	12:30	12:30	12:30	
Time Stop	10:57	13:33	15:25	15:55	
	09:50-10:57	12:30-13:33	12:30-15:25	12:30-15:55	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.425	0.398	0.401	0.397	
DGMCF	0.999	1.002	0.999	1.011	
Standard Temperature (°F)	68	68	68	68	
Barometric Pressure Measured (" Hg)	29.70	29.70	29.70	29.70	
Stack Elevation (ft) (relative to Barometer)	34	34	34	34	
Barometric Pressure ("Hg)	29.666	29.666	29.666	29.666	
Average Stack Temperature (°F)	367.6	366.5	366.6	366.8	366.9
Average DGM Temp (°F)	60.9	66.5	70.1	68.9	
Average Delta H (in wc)	1.48	1.05	1.00	1.09	
Condensed Water (g)	617.3	558.1	1172.9	1735.6	
Test Duration (minutes)	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	0.06	0.01	0.01	0.01	
Carbon Monoxide (CO) Content (%)	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	6.02	7.36	7.36	7.36	
Oxygen (O <sub>2</sub> ) Content (%)	11.74	10.72	10.72	10.72	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.23	81.93	81.93	81.93	
Meter Volume (acf)	41.602	34.632	69.778	102.382	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.402	0.397	0.394	0.401	
Absolute Stack Pressure ("Hg)	29.67	29.67	29.67	29.67	
Absolute Stack Temperature (°R)	827.6	826.5	826.6	826.8	826.9
Flue Gas Moisture (%)	41.02	43.24	44.52	44.38	43.29
Moisture at saturation	N/A	N/A	N/A	N/A	
Moisture used in Calculation	41.02	43.24	44.52	44.38	43.29
Gas Molecular Weight (Wet) (g/g-mole)	24.74	24.59	24.44	24.46	
Corrected Volume of Gas sampled (acf)	41.560	34.701	69.708	103.508	
Volume at Meter (dscf)	41.921	34.597	69.016	102.724	
Average Gas Velocity (ft/sec)	30.66	30.35	30.22	30.72	30.49
Avg Flow Rate (acfh)	892,194	883,281	879,456	894,078	887,252
Avg Flow Rate (acfm)	14,870	14,721	14,658	14,901	14,788
Avg Flow Rate (scfh)	564,473	559,523	557,034	566,124	561,789
Avg Flow Rate (scfm)	9,408	9,325	9,284	9,435	9,363
Avg Flow Rate (dscfh)	332,942	317,581	309,018	314,877	318,604
Avg Flow Rate (dscfm)	5,549	5,293	5,150	5,248	5,310
Isokinetic Sampling Rate (%)	103.33	101.94	102.94	102.27	

Project Name  
Project Number  
Facility

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Comprehensive Performance Test - Unit 3

Sample Type	Mod M26A	M29	M0023A	Averages
Source	Unit 3	Unit 3	Unit 3	
Condition	1	1	1	
Run	4B	4B	4B	
Date	10/18/2013	10/18/2013	10/18/2013	
Time Start	09:35	09:35	09:35	
Time Stop	10:35	12:20	12:50	
	09:35-10:35	09:35-12:20	09:35-12:50	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.21	3.21	3.21	
Pitot Tube Correction Factor	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.398	0.401	0.397	
DGMCF	1.002	0.999	1.011	
Standard Temperature (°F)	68	68	68	
Barometric Pressure Measured (" Hg)	29.74	29.74	29.74	
Stack Elevation (ft) <i>(relative to Barometer)</i>	34	34	34	
Barometric Pressure ("Hg)	29.706	29.706	29.706	
Average Stack Temperature (°F)	367.5	368.0	367.9	367.8
Average DGM Temp (°F)	55.7	61.6	61.2	
Average Delta H (in wc)	1.13	1.05	1.07	
Condensed Water (g)	571.1	1194.0	1686.0	
Test Duration (minutes)	60	120	180	
Static Pressure ("H <sub>2</sub> O)	-0.03	-0.03	-0.03	
Carbon Monoxide (CO) Content (%)	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	7.26	7.26	7.26	
Oxygen (O <sub>2</sub> ) Content (%)	10.87	10.87	10.87	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	81.87	81.87	81.87	
Meter Volume (acf)	34.500	71.066	100.650	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.419	0.411	0.400	
Absolute Stack Pressure ("Hg)	29.70	29.70	29.70	
Absolute Stack Temperature (°R)	827.5	828.0	827.9	827.8
Flue Gas Moisture (%)	43.35	44.08	43.69	43.71
Moisture at saturation	N/A	N/A	N/A	
Moisture used in Calculation	43.35	44.08	43.69	43.71
Gas Molecular Weight (Wet) (g/g-mole)	24.57	24.48	24.53	
Corrected Volume of Gas sampled (acf)	34.569	70.995	101.757	
Volume at Meter (dscf)	35.241	71.540	102.624	
Average Gas Velocity (ft/sec)	32.06	31.52	30.59	31.39
Avg Flow Rate (acfh)	932,939	917,493	890,316	913,583
Avg Flow Rate (acfm)	15,549	15,292	14,839	15,226
Avg Flow Rate (scfh)	590,975	580,840	563,673	578,496
Avg Flow Rate (scfm)	9,850	9,681	9,395	9,642
Avg Flow Rate (dscfh)	334,768	324,819	317,407	325,665
Avg Flow Rate (dscfm)	5,579	5,414	5,290	5,428
Isokinetic Sampling Rate (%)	98.50	101.51	101.36	



Sample Type - Particulate Matter (Method 5)	Date 10/15/13	Filter No. AK 2495	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: 1A	Nozzle ID -	Initial 0.005 @ 24"
Facility: Fixed Hearth - Unit 3	Console ID A161401	Nozzle Dia (in) 0.436	Final 0.004 @ 9.7"
Source: Stack	DGMCF 0.999	Barometer ID BP-2	Pitot Tube ID P-302 <sup>10/15/13</sup>
Operator: NMP	ΔH@ 1.649	Bar. Press. ("Hg) 29.63	PTCF 0.84
Duct Dimension(s) 38.5"	Kf	Stat. Press. ("H <sub>2</sub> O) -0.02	Pitot Tube Leak Check
Nozzle Calibration	Elevation (ft) (relative to Barometer) 34		Initial (+) 0.005" (-) 0.004"
Caliper ID 700903			Final (+) 0.0095" (-) 0.0045"

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> ) <small>NO 10/15/13</small>	ΔP (in. H <sub>2</sub> O)	ΔH (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
W6	13:16	905.099	0.14	1.34	357	255	250	55	71	71	9
W5	13:21	910.09	0.14	1.30	367	251	256	45	72	72	9
W4	13:26	911.56	0.19	1.30	367	262	257	47	73	73	9
W3	13:31	912.02	0.16	1.20	365	259	258	50	74	74	6
W2	13:36	921.00	0.18	1.00	367	260	258	49	75	75	5
W1	13:41	924.01	0.16	1.00	367	259	258	42	76	76	5
18PT Check	13:46	927.241	Before: 0	0.004 @ 16"			After: 0.004 @ 16"				
NG	13:55	927.449	0.14	1.30	358	260	259	57	73	73	7
N5	14:00	931.90	0.14	1.2	367	262	259	48	76	76	5
N4	14:05	934.30	0.15	1.2	367	261	259	50	78	78	5
N3	14:10	937.25	0.18	1.2	367	261	259	49	79	79	5
N2	14:15	940.40	0.18	1.4	367	261	261	49	80	80	5
N1	14:20	943.90	0.12	1.4	365	260	261	49	80	80	5
STOP	14:25	947.499									

Comments: \* Nozzle was chipped

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.40-02  
 Date 10/16/13  
 Source Unit 3 Stack

Condition No. 1  
 Run No. 1A  
 Balance ID TE4101A  
 Recovered by KMM

# Particulate Matter EPA Method 5

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
22	Water	100	Mod	900.7	752.9
23	Water	100	G/S	778.5	755.2
24	Empty	--	Mod	652.7	649.2
25	Silica Gel	~ 300g	Mod	940.4 <del>957.8</del>	930.6
26	Empty	-	LO	957.8	601.0
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 46 % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1_1A-M5-PNR	250 mL	Probe and Nozzle Rinse
VS3-STK-1_1A-M5-Filt	Petri Dish	Filter

## Comments


RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date 10-15-13	Filter No. N/A	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: 1 B	Nozzle ID HCl-1	Initial 0.004 @ 15.0
Facility: Fixed Hearth - Unit 3	Console ID A161399	Nozzle Dia (in) 0.398	Final 0.002 @ 6
Source: Stack	DGMCF 1.002	Barometer ID 3P-2	Pitot Tube ID P-624 P529
Operator <i>bc</i>	ΔH@ 1.790	Bar. Press. ("Hg) 29.63	PTCF 0.84 24.1/19
Duct Dimension(s) 38.5"	Kf 7.7	Stat. Press. ("H <sub>2</sub> O) -0.02	Pitot Tube Leak Check
Nozzle Calibration		Meter Elevation (ft) (relative to Barometer) 34	Initial (+) 273 (-) 273
Caliper ID 700903	● 0.398 ● 0.399 ● 0.397		Final (+) 0.073" (-) 0.073"

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
SE 1	1615	215.178	0.15	1.1	364	260	261	52	79	4
	1620	218.1	0.16	1.2	365	262	261	47	79	5
	1625	221.0	0.15	1.1	365	262	261	46	79	5
	1630	224.1	0.15	1.2	362	263	262	47	79	5
	1635	227.1	0.16	1.3	363	264	262	47	79	5
	1640	230.4	0.16	1.3	364	263	262	47	79	5
	1645	233.6	0.15	1.2	365	265	262	47	79	5
	1650	236.7	0.16	1.2	365	265	262	48	79	5
	1655	239.8	0.15	1.2	365	265	262	48	79	5
	1700	242.9	0.16	1.2	365	264	262	48	79	5
	1705	246.0	0.16	1.2	367	264	262	49	79	5
	1710	249.1	0.15	1.2	368	262	264	51	79	5
END	1715	252.153								

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.40-02  
 Date 10/15/13  
 Source Unit 3 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 1B  
 Balance ID TEP101A  
 Recovered by KMM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	983.9	628.0
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	940.8	752.9
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	778.6	753.0
4	0.1 N NaOH	100	Mod	770.1	765.4
5	0.1 N NaOH	100	Mod	737.8	735.5
6	Silica Gel	~ 300g	Mod	916.3	907.4

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 2 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
VS3-STK-1 <u>1B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS3-STK-1 <u>1B</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

Sample Type – Multi Metals (Method 29)		Date	10/15/13	X		Page		1	of		1
Project Name: Veolia - Sauget, IL		Condition:	1			Sampling Train Leak Rate (cfm@“Hg)					
Project Number: 40942525.40-02		Run:	1 B	Nozzle ID	—		Initial	0.008 @ 16"			
Facility: Fixed Hearth - Unit 3		Console ID	A161401	Nozzle Dia (in)	0.401		Final	0.002 @ 7"			
Source: Stack		DGMCF	0.999	Barometer ID	BP-2		Pitot Tube ID 5-19				
Operator		NMP	ΔH@	1.649	Bar. Press. (“Hg)	29.63		PTCF 0.84			
Duct Dimension(s)		38.5'	Kf	6.37	Stat. Press. (“H <sub>2</sub> O)	-0.02		Pitot Tube Leak Check			
Nozzle Calibration					Elevation (ft)	34'		Initial	(+) <del>0.0075</del> " (-) <del>0.0035</del> "		
Caliper ID					100903	Final	(-) <del>0.0070</del> " (-) <del>0.003</del> "				

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP (“H <sub>2</sub> O)	ΔH (“H <sub>2</sub> O)	Temperature (°F)					Vacuum (“Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
N6	16:15	947.646	0.15	1.3	362	256	258	64	80	4
N6	16:20	956.86	0.14	1.3	362	259	259	50	79	4
N5	16:25	953.90	0.13	0.9	363	260	260	49	80	4
N5	16:36	956.70	0.13	0.9	361	258	259	49	80	4
N4	16:35	959.36	0.14	0.95	363	261	261	49	79	4
N4	16:40	962.10	0.14	1.0	364	259	261	49	80	4
N3	16:45	964.99	0.17	1.15	365	259	261	50	80	4
N3	16:50	968.01	0.17	1.20	365	258	260	50	80	4
N2	16:55	971.20	0.16	1.10	364	256	261	51	80	4
N2	17:00	974.27	0.16	1.10	364	259	259	52	80	4
N1	17:05	977.46	0.11	0.75	359	256	260	49	80	4
N1	17:16	979.95	0.10	0.70	357	256	260	49	80	4
PER CHANGE	17:15	982.405	Before: 0.004 @ 7"		After: 0.006 @ 7"					
E6	18:04	982.590	0.17	1.15	367	257	260	57	79	4
E6	18:09	985.66	0.16	1.10	368	258	260	48	79	4
E5	18:14	988.73	0.16	1.10	369	258	260	48	79	4
E5	18:19	991.89	0.16	1.10	369	259	260	48	79	4
E4	18:24	994.85	0.16	1.10	370	258	259	49	79	4
E4	18:29	997.87	0.16	1.10	370	260	260	49	79	4
E3	18:34	1000.95	0.14	0.95	370	258	260	49	80	4
E3	18:39	1003.80	0.15	0.95	371	257	261	49	80	4
E2	18:44	1006.59	0.14	0.90	370	257	258	50	80	4
E2	18:49	1009.24	0.15	0.95	370	256	261	50	80	4
E1	18:54	1011.91	0.11	0.70	369	256	260	50	79	4
E1	18:59	1014.27	0.10	0.55	368	256	259	52	80	4
STOP	19:04	1016.397	0.09 NMP 10/15/13							

Project Name Veolia - Sauget, IL  
 Project Number 40942525-40-02  
 Date 01/15/13  
 Source Unit 3 Stack

# Multi-Metals No Determination of PM EPA Method 29

Condition No. 1  
 Run No. 13  
 Balance ID TE4101A  
 Recovered by KMR

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	- <sup>1</sup>	-	K/O	1838.3	934.2
2	Nitric/Peroxide	100	Mod	863.6	743.5
3	Nitric/Peroxide	100	S/G	775.9	761.0
4	-	-	Mod	645.4	643.8
5	KMnO <sub>4</sub> Soln	100	Mod	745.3	743.0
6	KMnO <sub>4</sub> Soln	100	Mod	749.3	748.7
7	Silica Gel	~ 300g	Mod	914.5	903.1

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
V53-STK-1 <u>13</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
V53-STK-1 -M29-Filt	Petri Dish	Filter
V53-STK-1 -M29-NP1 & NP1B	1000 ml	Nitric Impinger
V53-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
V53-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
V53-STK-1 -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 5 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments


Sample Type - PCDD/PCDF (Method 0023A)		Date	10-15-13	X		Page	1 of 2	
Project Name: Veolia - Sauget, IL		Condition:	1			Train Leak Rate (cfm @ "Hg)		
Project Number: 40942525.40-02		Run:	L B	Nozzle ID	Initial	0.005 @ 10		
Facility: Fixed Hearth - Unit 3		Console ID	161395	Nozzle Dia (in)	Final	0.003 @ 15.5		
Source: Stack		DGMCF	1.00 → 1.011	Barometer ID	BPR-2		Pitot Tube ID 5-03	
Operator JE		ΔH@	1.824	Bar. Press. ("Hg)	29.63		PTCF 0.84	
Duct Dimension(s) 38.5		Kf	-	Stat. Press. ("H <sub>2</sub> O)	-0.02		Pitot Tube Leak Check	
Nozzle Calibration				Elevation (ft) (relative to Barometer)		Initial (+) 0.0045 (-) 0.0073		
Caliper ID 700903				34		Final (+) 0.0038 (-) 0.0073		

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
20E1	1615	154.745	0.11	1.05	361	260	253	35	46	77	270	7.5
1	1620	157.27	0.13	1.25	361	260	254	36	44	77	270	9.0
1	1625	160.35	0.11	1.05	361	263	254	36	42	77	270	8.5
2	1630	163.13	0.14	1.35	359	260	254	36	42	77	270	8.5
2	1635	166.24	0.14	1.35	362	262	254	36	42	77	270	10.0
2	1640	169.40	0.15	1.45	362	251	254	37	43	77	270	11.0
3	1645	172.65	0.16	1.55	363	248	254	37	43	77	270	11.0
3	1650	175.89	0.17	1.65	364	252	254	38	44	78	270	11.5
3	1655	179.49	0.17	1.65	364	251	255	39	44	78	270	12.0
4	1700	183.01	0.15	1.45	365	250	255	41	45	78	270	11.0
4	1705	186.30	0.16	1.55	367	251	255	42	46	79	270	11.0
4	1710	189.62	0.17	1.65	366	252	255	44	47	79	270	12.5
5	1715	193.55	0.18	1.75	370	253	253	47	49	79	270	13.0
5	1720	196.64	0.18	1.75	370	254	255	49	51	79	270	13.0
5	1725	200.25	0.19	1.85	372	255	255	50	55	79	270	14.0
6	1730	203.88	0.18	1.75	371	254	254	52	60	79	270	14.0
6	1735	207.58	0.18	1.75	370	254	256	47	57	79	270	14.0
6	1740	211.28	0.18	1.75	370	255	256	41	52	79	270	14.0
Port	1745	214.978										
Change	Post leak check: 0.002 @ 16.5"; Pre leak check: 0.002 @ 16-0											
1	1804	215.240	0.14	1.40	366	252	253	42	57	77	270	10.0
1	1809	218.40	0.13	1.25	367	252	252	38	44	78	270	10.0
1	1814	221.46	0.14	1.40	367	251	252	37	52	78	270	10.0
2	1819	224.75	0.15	1.45	367	252	253	39	45	79	270	11.0
2	1824	228.01	0.15	1.45	369	253	252	38	45	78	270	11.0
2	1829	231.29	0.14	1.40	369	254	253	39	46	78	270	11.0
3	1834	234.65	0.18	1.75	369	252	253	39	47	77	270	12.0
3	1839	238.09	0.16	1.45	370	253	253	40	48	78	270	11.0
3	1844	241.45	0.16	1.45	370	252	252	41	49	78	270	11.5
4	1848	244.13	0.14	1.70	371	252	251	43	50	78	270	10.5

Project Name Veolia - Saugeit, IL  
 Project Number 40942525.40-02  
 Date 10-15-13  
 Source Unit 3 Stack

Condition No. 1  
 Run No. 1B  
 Balance ID TE4101A  
 Recovered by pc

# Dioxins and Furans

## SW-846 - Method 0023A

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	2762.0	937.0
2	H <sub>2</sub> O	~100	G/S	722.1	723.2
3	H <sub>2</sub> O	~100	Mod	721.1	720.9
4	Silica Gel	~300g	Mod	970.3	934.3
5					
6					

### Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1 - <u>1B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS3-STK-1 -M0023A-Filt	Petri Dish	Filter
VS3-STK-1 -M0023A-CR	500 mL	Condenser Rinse
VS3-STK-1 -M0023A-XAD	Sorbent Trap	XAD Sorbent

### Sample Recovery Checklist


- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 20 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments



Sample Type – PCDD/PCDF (Method 0023A)		Date	10-15-13					Page	2 of 2	
Project Name: Veolia - Sauget, IL		Condition: 1		Nozzle ID		Train Leak Rate (cfm @ "Hg)				
Project Number: 40942525.40-02		Run: 1 B		Nozzle ID		Initial	See pg 1 @			
Facility: Fixed Hearth - Unit 3		Console ID 161395		Nozzle Dia (in) 0.397		Final	See pg 1 @			
Source: Stack		DGMCF 1.011		Barometer ID BR-2		Pitot Tube ID 5-03				
Operator J E		ΔH@ 1.824		Bar. Press. ("Hg) 29.63		PTCF 0.84				
Duct Dimension(s) 38.5		Kf -		Stat. Press. ("H <sub>2</sub> O) -0.02		Pitot Tube Leak Check				
Nozzle Calibration			Elevation (ft) (relative to Barometer)		Initial (+)		(-)			
Caliper ID 700905			34		Final (+)		(-)			
			0.396		0.397		0.397			

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
4	18534	247.77	0.14	1.30	371	255	253	46	52	78	270	11.0
4	18589	251.00	0.15	1.45	371	256	253	50	55	78	270	11.0
5	19034	254.13	0.14	1.30	372	255	252	53	57	78	270	10.5
5	19089	257.41	0.14	1.30	371	257	253	48	54	78	270	10.5
5	19134	260.49	0.14	1.30	371	257	253	46	53	78	270	10.5
6	19189	263.62	0.15	1.45	371	256	253	47	53	79	270	11.0
6	19234	266.85	0.14	1.70	370	257	253	47	52	79	270	11.0
6	19289	270.02	0.14	1.30	370	258	253	49	54	79	270	11.0
	1934	273.185										

Sample Type - <b>Particulate Matter (Method 5)</b>	Date <b>10/16/13</b>	Filter No. <b>PK 2496</b>	Page <b>1</b> of <b>1</b>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <b>1</b>		<b>Train Leak Rate (cfm @ "Hg)</b>
Project Number: <b>40942525.40-02</b>	Run: <b>2A</b>	Nozzle ID <b>---</b>	Initial <b>0.002 @ 14"</b>
Facility: <b>Fixed Hearth - Unit 3</b>	Console ID <b>A161401</b>	Nozzle Dia (in) <b>0.425</b>	Final <b>0.004 @ 7"</b>
Source: <b>Stack</b>	DGMCF <b>0.999</b>	Barometer ID <b>BP-2</b>	Pitot Tube ID <b>P-302</b>
Operator: <b>NMP</b>	$\Delta H@$ <b>1.649</b>	Bar. Press. ("Hg) <b>29.7</b>	PTCF <b>0.84</b>
Duct Dimension(s) <b>38.5'</b>	Kf <b>9.09</b>	Stat. Press. ("H <sub>2</sub> O) <b>-0.02</b>	<b>Pitot Tube Leak Check</b>
Nozzle Calibration		Elevation (ft) (relative to Barometer) <b>34'</b>	Initial <b>(+) OK @ 5.7" (-) OK @ 7"</b>
Caliper ID <b>700903</b>			Final <b>(+) OK @ 5.7" (-) OK @ 5.4"</b>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ (in. H <sub>2</sub> O)	$\Delta H$ (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)	NMP No./Yr
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out		
E6	11:15	16.984	0.17	1.60	365	255	259	50	60	60	5	
E5	11:20	20.46	0.18	1.65	366	256	258	44	59	59	5	
E4	11:25	23.97	0.19	1.75	367	256	257	44	59	59	5	
E3	11:30	27.75	0.17	1.55	363	256	255	45	60	60	5	
E2	11:35	31.29	0.16	1.50	365	255	260	46	60	60	5	
E1	11:40	34.75	0.13	1.20	364	255	257	47	60	60	5	
PORT CHANGE	11:45	37.835	Before: 0.002 @ 7"		After: 0.002 @ 7"							
N6	11:55	37.989	0.15	1.50	365	257	258	56	60	60	5	
N5	12:00	41.31	0.17	1.55	367	260	257	49	62	62	5	
N4	12:05	44.87	0.17	1.60	367	260	257	49	62	62	5	
N3	12:10	48.47	0.19	1.75	368	258	258	50	62	62	5	
N2	12:15	52.27	0.18	1.70	368	259	257	51	63	63	5	
N1	12:20	56.00	0.14	1.30	366	258	256	52	63	63	5	
STOP	12:25	59.262										

Project Name Veolia -- Saugnet, IL

Condition No. 1

Project Number 40942525.40-02

Run No. ZA

Date 10/16/13

Balance ID TE4101A

Source Unit 3 Stack

Recovered by KWW

# Particulate Matter EPA Method 5

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final wt (g)	Initial wt (g)
22	Water	100	Mod	734.3	842.2
23	Water	100	G/S	778.4	796.3
24	Empty	-	Mod	652.3	654.4
25	Silica Gel	~ 300g	Mod	940.3	983.7
26	Empty	-	KO	602.4	975.6
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 20 % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1 <u>1A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
VS3-STK-1 <u>1A</u> -M5-Filt	Petri Dish	Filter

## Comments


RDS-13: PM by EPA Method 5  
Per EM SOP-015  
Revision Date: January 2013

Sample Type - PCDD/PCDF (Method 0023A)		Date	10-16-13	X		Page	1 of 2					
Project Name: Veolia - Sauget, IL		Condition:	1			Train Leak Rate (cfm @ "Hg)						
Project Number: 40942525.40-02		Run:	2 B	Nozzle ID	Initial				0.006 @ 15"			
Facility: Fixed Hearth - Unit 3		Console ID	161395	Nozzle Dia (in)	Final				0.005 @ 13.5"			
Source: Stack		DGMCF	1.011	Barometer ID	Pitot Tube ID				5-03			
Operator		JE	ΔH@	1.824	Bar. Press. ("Hg)	PTCF				0.84		
Duct Dimension(s)		36.5	Kf	2.13	Stat. Press. ("H <sub>2</sub> O)	Pitot Tube Leak Check				-0.02		
Nozzle Calibration		Caliper ID			700903	Elevation (ft) (relative to Barometer)		34		Initial		(+0.0049") (-0.0049")
		0.396			0.397	0.797	Final		(+0.00>3") (-0.00<>3")			

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
E-1	1400	274.226	0.15	1.10	365	250	250	41	53	62	260	7.0
1	1405	277.03	0.15	1.05	367	246	250	42	46	61	260	7.0
1	1410	279.80	0.16	1.15	367	249	251	46	46	61	260	7.5
2	1415	282.75	0.17	1.20	365	247	250	44	47	62	260	7.5
2	1420	285.53	0.17	1.20	368	249	250	45	48	62	260	7.5
2	1425	288.51	0.18	1.30	368	250	252	46	49	62	260	9.0
3	1430	291.59	0.18	1.30	369	251	249	48	51	63	260	9.0
3	1435	294.76	0.18	1.30	368	251	250	49	52	64	260	9.0
3	1440	297.83	0.18	1.30	368	249	252	51	53	64	260	9.0
4	1445	301.02	0.18	1.30	368	249	252	59	55	64	260	9.0
4	1450	304.05	0.17	1.20	368	251	253	55	57	65	260	9.0
4	1455	307.01	0.17	1.20	368	252	253	45	54	65	260	9.0
5	1500	309.94	0.17	1.20	367	250	251	41	49	66	260	9.0
5	1505	313.50	0.17	1.20	367	250	249	39	47	66	260	9.0
5	1510	315.86	0.19	1.35	367	251	251	39	45	66	260	9.5
6	1515	318.91	0.18	1.30	366	251	250	39	45	66	260	9.5
6	1520	321.99	0.17	1.20	366	253	255	40	45	67	260	9.5
6	1525	325.00	0.17	1.20	366	253	252	41	45	67	260	9.5
Port	1530	326.974 stop										
change	Post leak check: 0.009 @ 15", Pre leak check: 0.008 @ 15"											
N-1	1550	328.223	0.13	0.92	364	247	248	39	51	67	260	7.5
1	1555	330.89	0.13	0.95	365	250	254	39	46	67	260	7.5
1	1600	337.27	0.13	0.95	365	250	251	40	46	67	260	7.5
2	1605	336.27	0.15	1.20	365	251	254	40	46	67	260	8.5
2	1610	339.15	0.17	1.25	366	251	250	41	47	67	260	9.0
2	1615	342.20	0.16	1.20	367	251	251	42	48	68	260	9.5
3	1620	345.24	0.16	1.20	366	253	251	43	48	67	260	9.5
3	1625	349.31	0.16	1.20	367	252	252	45	49	68	260	9.5
3	1630	351.34	0.17	1.20	367	252	252	47	51	68	260	9.5
4	1635	354.70	0.18	1.30	367	250	248	50	53	69	260	10.5

Notes:

SDS-17: PCDD/PCDF by SW-846 Method 0023A

Per EM SOP-023

Revision 04/09 April 2012

Project Name Veolia - Saugat, IL  
 Project Number 40942525.40-02  
 Date 10-16-13  
 Source Unit 3 Stack

Condition No. 1  
 Run No. 2B  
 Balance ID TE4101A  
 Recovered by DL

# Dioxins and Furans

## SW-846 - Method 0023A

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	2609.3	939.6
2	H <sub>2</sub> O	~100	G/S	723.4	722.1
3	H <sub>2</sub> O	~100	Mod	720.9	721.1
4	Silica Gel	~300g	Mod	993.1	970.3
5					
6					

### Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1-2B-M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS3-STK-1-M0023A-Filt	Petri Dish	Filter
VS3-STK-1-M0023A-CR	500 mL	Condenser Rinse
VS3-STK-1-M0023A-XAD	Sorbent Trap	XAD Sorbent

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 60 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

### Comments


Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date 10-16-13	Filter No. N/A	Page 1 of
Project Name: Veolia - Sauget, IL	Condition: 1	Nozzle ID HCL1	Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: 2B		Initial 0.002 @ 14"
Facility: Fixed Hearth - Unit 3	Console ID A161399	Nozzle Dia (in) 0.398	Final 0.062 @ 6"
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID P-629 PS29
Operator DC	ΔH@ 1.790	Bar. Press. ("Hg) 29.70	PTCF 0.84 <sup>11/19</sup> <sub>54</sub>
Duct Dimension(s) 38.5"	Kf 7	Stat. Press. ("H <sub>2</sub> O) -0.02	Pitot Tube Leak Check
Nozzle Calibration		Meter Elevation (ft) (relative to Barometer) 34	Initial (+) 0.064.6" (-) 0.065.7"
Caliper ID 300903		Final (+) 0.073" (-) 0.073"	

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
SEI	1400	252.797	0.16	1.2	369	263	264	45	62	4
	1405	255.8	0.16	1.1	369	263	263	44	62	4
	1410	258.8	0.17	1.2	370	266	264	44	63	5
	1415	261.8	0.17	1.2	367	264	264	45	63	5
	1420	264.8	0.17	1.2	368	265	263	46	63	5
	1425	267.8	0.17	1.2	369	263	263	47	63	5
	1430	270.8	0.18	1.3	369	265	263	47	62	5
	1435	273.8	0.16	1.1	368	265	264	47	62	5
	1440	276.8	0.16	1.1	368	266	265	47	62	5
	1445	279.8	0.16	1.1	368	265	264	49	62	5
	1450	282.7	0.15	1.0	367	266	264	49	62	5
	1455	285.6	0.17	1.2	368	260	258	49	62	5
END	1500	288.629								

Notes:

SDS-21: HCl, Cl<sub>2</sub> by EPA Method 26A  
Per EM SOP-021

Revision Date: September 2013  
F-661

Project Name Veolia - Sauget, IL  
 Project Number 40942525.40-02  
 Date 01/16/13  
 Source Unit 3 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. ZB  
 Balance ID TE4101A  
 Recovered by KUM

**Moisture Determination**

Imp No.	Contents	Vol (ml)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	964.9	628.7
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	925.1	753.2
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	776.9	753.6
4	0.1 N NaOH	100	Mod	774.5	769.6
5	0.1 N NaOH	100	Mod	737.7	735.9
6	Silica Gel	~ 300g	Mod	923.4	916.1

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 5 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V53-STK-1 <u>10</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V53-STK-1 <u>10</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

Sample Type – Multi Metals (Method 29)	Date 10/16/13	X	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Sampling Train Leak Rate (cfm@“Hg)
Project Number: 40942525.40-02	Run: 2 B	Nozzle ID —	Initial 0.008 @ 15"
Facility: Fixed Hearth - Unit 3	Console ID A161401	Nozzle Dia (in) 0.401	Final 0.004 @ 9"
Source: Stack	DGMCF 0.999	Barometer ID BP-2	Pitot Tube ID 5-19
Operator NMP	ΔH@ 1.649	Bar. Press. (“Hg) 29.7	PTCF 0.81
Duct Dimension(s) 38.5	Kf 6.70	Stat. Press. (“H <sub>2</sub> O) -0.02	Pitot Tube Leak Check
Nozzle Calibration	Elevation (ft) (relative to Barometer) 341		Initial (+) 0.004 @ 4.4" (-) 0.003 @ 3.3"
Caliper ID 700903	0.402 0.401 0.401		Final (-) 0.003 @ 3.6" (-) 0.004 @ 4.5"

Point	Clock Time	DGM Reading (ft)	ΔP (“H <sub>2</sub> O)	ΔH (“H <sub>2</sub> O)	Temperature (°F)					Vacuum (“Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
N6	14:00	59.664	0.16	1.10	365	256	258	50	64	4
N6	14:05	62.69	0.15	1.00	366	255	257	44	65	4
N5	14:10	65.56	0.14	0.93	370	256	256	44	65	4
N5	14:15	68.20	0.15	0.86	365	257	258	44	65	4
N4	14:20	70.88	0.15	1.00	368	257	257	45	65	4
N4	14:25	73.80	0.16	1.10	369	259	258	45	66	4
N3	14:30	76.83	0.19	1.30	369	258	257	45	66	4
N3	14:35	80.04	0.18	1.20	369	258	258	46	66	4
N2	14:40	83.22	0.17	1.10	368	258	258	46	67	4
N2	14:45	86.23	0.18	1.20	369	256	256	47	67	4
N1	14:50	89.42	0.14	0.93	367	259	258	47	68	4
N1	14:55	92.24	0.13	0.87	365	258	257	47	68	4
CHANGE	15:00	94.959	Before: 0.004 @ 9"		After: 0.004 @ 8.5					
E6	15:50	95.220	0.18	1.20	366	255	259	53	69	4
E6	15:55	98.39	0.17	1.15	366	257	259	45	69	4
E5	16:00	101.37	0.18	1.20	367	259	259	45	70	4
E5	16:05	104.54	0.19	1.30	367	255	259	45	69	4
E4	16:10	107.77	0.19	1.30	367	258	259	45	70	4
E4	16:15	111.10	0.18	1.20	368	258	259	46	70	4
E3	16:20	114.26	0.17	1.15	367	260	258	47	70	4
E3	16:25	117.46	0.17	1.15	367	257	259	47	70	4
E2	16:30	120.49	0.16	1.10	367	254	258	48	70	4
E2	16:35	123.52	0.16	1.10	367	254	257	49	71	4
E1	16:40	126.62	0.13	0.87	366	255	259	50	70	4
E1	16:45	129.40	0.13	0.87	366	258	259	50	71	4
STOP	16:50	132.119								



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.40-02  
 Date 12/16/13  
 Source Unit 3 Stack

# Multi-Metals No Determination of PM EPA Method 29

Condition No. 1  
 Run No. ZB  
 Balance ID TEYLOIA  
 Recovered by KUMU

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	<sup>1</sup>	-	K/O	1929.1	933.1
2	Nitric/Peroxide	100	Mod	862.7	744.3
3	Nitric/Peroxide	100	S/G	774.8	760.4
4	-	-	Mod	645.3	643.6
5	KMnO <sub>4</sub> Soln	100	Mod	747.3	739.7
6	KMnO <sub>4</sub> Soln	100	Mod	741.3	747.1
7	Silica Gel	~ 300g	Mod	925.2	914.2

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
VS3-STK-1 <u>ZB</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS3-STK-1 -M29-Flit	Petri Dish	Filter
VS3-STK-1 -M29-NI	1000 ml	Nitric Impinger
VS3-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
VS3-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
VS3-STK-1 <u>ZB</u> -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 50 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments

Sample Type - PCDD/PCDF (Method 0023A)		Date <i>10-16-13</i>			Page <i>2</i> of <i>2</i>
Project Name: Veolia - Sauget, IL		Condition: 1			Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02		Run: <u>2</u> B	Nozzle ID	Initial	<i>See #1</i>
Facility: Fixed Hearth - Unit 3		Console ID <i>161795</i>	Nozzle Dia (in) <i>0.397</i>	Final	
Source: Stack		DGMCF <i>1.011</i>	Barometer ID <i>BP-2</i>	Pitot Tube ID <i>5.03</i>	
Operator <i>DE</i>		ΔH@ <i>1.824</i>	Bar. Press. ("Hg) <i>29.70</i>	PTCF <i>0.84</i>	
Duct Dimension(s) <i>38.5</i>		Kf <i>7.17</i>	Stat. Press. ("H <sub>2</sub> O) - <i>0.02</i>	Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) <i>34</i>		Initial	<i>See #1</i>
Caliper ID <i>100603</i>				Final	

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
4	1640	357.41	0.16	1.15	367	253	252	48	53	69	260	10.0
4	1645	360.45	0.16	1.15	367	255	253	38	54	69	260	10.0
5	1650	363.37	0.16	1.15	367	254	253	38	53	69	260	10.0
5	1655	366.32	0.17	1.20	366	254	253	37	52	70	260	10.0
6	1700	369.30	0.15	1.10	366	254	253	37	51	69	260	9.0
6	1705	372.17	0.15	1.10	366	254	253	37	50	69	260	9.0
6	1710	375.22	0.16	1.15	365	255	253	38	50	69	260	9.0
6	1715	377.94	0.16	1.15	366	256	253	38	49	69	250	9.0
End	1720	380.839										

Notes: \_\_\_\_\_

SDS-17: PCDD/PCDF by SW-846 Method 0023A  
 Per EM SOP-023  
 Revision 4/05 April 2012

Sample Type - Particulate Matter (Method 5)	Date 10/17/13	Filter No. PK 2497	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1	Nozzle ID —	Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: 3 A		Initial 0.006 @ 15"
Facility: Fixed Hearth - Unit 3	Console ID A161401	Nozzle Dia (in) 0.425	Final 0.004 @ 12"
Source: Stack	DGMCF 0.999	Barometer ID BP-2	Pitot Tube ID P-302
Operator: NMP	ΔH@ 1.649	Bar. Press. ("Hg) 29.70	PTCF 0.84
Duct Dimension(s) 38.5'	Kf 9.08	Stat. Press. ("H <sub>2</sub> O) 0.06	Pitot Tube Leak Check
Nozzle Calibration	Elevation (ft) (relative to Barometer) 34'		Initial (+)0.005.4" (-)0.003.3"
Caliper ID 700903	0.426 0.424 0.425		Final (+)0.008.0" (-)0.005.1"

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP (in. H <sub>2</sub> O)	ΔH (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
E6	9:50	132.311	0.18	1.65	367	256	255	50	59	59	5
E5	9:55	135.91	0.19	1.70	368	258	256	40	58	58	5
E4	10:00	139.91	0.19	1.70	368	259	257	40	58	58	5
E3	10:05	143.14	0.17	1.55	366	260	256	41	59	59	5
E2	10:10	146.72	0.18	1.65	368	259	256	41	59	59	6
E1	10:15	149.96	0.14	1.30	368	257	257	42	60	60	6
CHANGE	10:20	153.820	Before: 0.004 @ 12"		After: 0.006 @ 12"						
N6	10:27	153.969	0.13	1.20	365	258	257	46	61	61	5
N5	10:32	157.07	0.17	1.55	369	261	258	43	61	61	6
N4	10:37	160.60	0.12	1.10	369	261	258	43	63	63	5
N3	10:42	163.65	0.17	1.55	369	261	258	44	63	63	6
N2	10:47	167.10	0.17	1.55	368	261	258	45	65	65	6
N1	10:52	170.72	0.14	1.30	366	260	258	46	65	65	6
STOP	10:57	174.062									

Comments:

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.40-02  
 Date 8/17/13  
 Source Unit 3 Stack

Condition No. 1  
 Run No. 2A  
 Balance ID TE4101A  
 Recovered by KMM

# Particulate Matter EPA Method 5

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
22	Water	100	Mod	930.4	760.9
23	Water	100	G/S	930.4	796.3
24	Empty	-	Mod	654.0	654.4
25	Silica Gel	~ 300g	Mod	947.6	937.6
26	Empty	-	KO	1014.1	601.4
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse-(PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 3 % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-12A-M5-PNR	250 mL	Probe and Nozzle Rinse
VS3-STK-12A-M5-Filt	Petri Dish	Filter

Comments

RDS-13; PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date 10-17-13	Filter No. N/A	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: 3 B	Nozzle ID HCL 1	Initial 0.002 @ 15
Facility: Fixed Hearth - Unit 3	Console ID A161399	Nozzle Dia (in) 0.398	Final 0.003 @ 7
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID p-529
Operator DC	ΔH@ 1.790	Bar. Press. ("Hg) 29.70	PTCF 0.84
Duct Dimension(s) 38.5"	Kf 6.6	Stat. Press. ("H <sub>2</sub> O) 10.01	Pitot Tube Leak Check
Nozzle Calibration		Meter Elevation (ft) (relative to Barometer) 34	Initial (+) 10 7.4 (-) 10 6.1
Caliper ID 700903	0.398 0.399 0.397		Final (+) 10 0.23" (-) 10 0.23"

Point	Clock Time	DGM Reading (ft <sup>3</sup> /10-12.3)	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
SE1	1230	288.995	0.15	1.1	365	257	261	49	65	5
	1235	291.1	0.16	1.1	365	260	260	40	65	5
	1240	294.1	0.16	1.0	366	262	261	39	65	5
Stop	1243	295.909	Flow dropped from 0.16 to ~0.11 ΔP							
Start	1246	295.909	0.15	1.0	362	259	261	41	65	5
	1248	297.0	0.16	1.1	363	261	262	40	65	5
	1253	299.9	0.16	1.1	365	263	262	39	66	5
	1258	302.7	0.16	1.1	366	261	261	40	66	5
	1303	305.6	0.17	1.1	367	263	261	41	67	5
	1308	308.5	0.15	1.0	367	264	262	42	67	5
	1313	311.3	0.16	1.0	369	261	262	42	68	5
	1318	314.1	0.16	1.0	369	264	262	43	68	5
	1323	317.0	0.15	1.0	370	263	261	43	68	5
	1328	319.7	0.16	1.0	370	263	261	44	69	5
END	1333	322.627								

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.40-02  
 Date 10-17-13  
 Source Unit 3 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 3B  
 Balance ID TEU101A  
 Recovered by KMM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	1002.0	630.3
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	912.5	755.4
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	771.7	753.4
4	0.1 N NaOH	100	Mod	772.1	768.3
5	0.1 N NaOH	100	Mod	729.0	728.0
6	Silica Gel	~300g	Mod	929.6	923.4

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 20 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V53-STK-1- <u>3B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V53-STK-1- <u>1</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

Sample Type - Multi Metals (Method 29)	Date 10/17/13	X	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Sampling Train Leak Rate (cfm@"Hg)
Project Number: 40942525.40-02	Run: 3 B	Nozzle ID —	Initial 0.004 @ 15"
Facility: Fixed Hearth - Unit 3	Console ID A161401	Nozzle Dia (in) 0.401	Final 0.006 @ 8"
Source: Stack	DGMCF 0.999	Barometer ID BP-2	Pitot Tube ID 5-19
Operator NMP	ΔH@ 1.649	Bar. Press. ("Hg) 29.70	PTCF 6.84
Duct Dimension(s) 38.5'	Kf 6.35	Stat. Press. ("H <sub>2</sub> O) 8.86	Pitot Tube Leak Check
Nozzle Calibration	Elevation (ft) (relative to Barometer) 34'		Initial (+) 0.005.1" (-) 0.004.4"
Caliper ID 700903			Final (-) 0.002.3" (-) 0.002.3"

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
N6	12:30	174.631	0.14	0.90	359	256	257	68	68	4
N6	12:35	177.41	0.14	0.90	362	257	258	59	67	4
N5	12:40	180.13	0.11	0.70	364	257	258	55	67	4
N5	12:43	181.611	* Flow dropped							
N5	12:46	181.611	0.14	0.90	361	258	257	55	67	4
N5	12:48	182.73	0.14	0.90	362	257	258	52	68	4
N5	12:53	185.55	0.15	0.95	364	257	258	50	67	4
N4	12:58	188.47	0.15	0.95	366	257	259	49	68	4
N3	13:03	191.25	0.17	1.10	367	257	258	48	69	4
N3	13:08	194.31	0.19	1.20	368	258	258	48	68	4
N2	13:13	197.47	0.17	1.1	368	258	258	49	69	4
N2	13:18	200.49	0.17	1.1	369	258	258	50	69	4
N1	13:23	203.47	0.14	0.89	369	257	259	52	70	4
N1	13:28	206.23	0.15	0.95	368	259	259	52	70	4
CHANGE	13:33	209.026	Before: 0.004 @ 10"							
E6	14:25	209.352	0.18	1.15	369	254	258	58	70	4
E6	14:30	212.38	0.17	1.10	369	258	259	44	71	4
E5	14:35	215.48	0.17	1.10	368	259	259	44	71	4
E5	14:40	218.49	0.17	1.10	368	259	259	46	71	4
E4	14:45	221.50	0.17	1.10	368	258	260	47	72	4
E4	14:50	224.53	0.17	1.10	369	256	259	48	72	4
E3	14:55	227.58	0.17	1.10	368	255	260	49	72	4
E3	15:00	230.68	0.17	1.10	369	256	260	49	73	4
E2	15:05	233.75	0.16	1.00	368	255	259	50	73	4
E2	15:10	236.72	0.16	1.00	368	257	259	52	73	4
E1	15:15	239.64	0.12	0.75	367	256	259	53	73	4
E1	15:20	242.21	0.12	0.76	366	256	260	54	74	4
T6P	15:25	244.735								

Notes

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.40-02  
 Date 10/2/13  
 Source Unit 3 Stack

# Multi-Metals No Determination of PM EPA Method 29

Condition No. 1  
 Run No. 3B  
 Balance ID TE4101A  
 Recovered by WUM

## Moisture Determination

Impinger No.	Contents	Volume (ml)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	<sup>1</sup>	-	K/O	1934.1	933.7
2	Nitric/Peroxide	100	Mod	883.2	743.1
3	Nitric/Peroxide	100	S/G	780.1	762.6
4	-	-	Mod	645.6	613.6
5	KMnO <sub>4</sub> Soln	100	Mod	740.8	739.4
6	KMnO <sub>4</sub> Soln	100	Mod	747.9	748.3
7	Silica Gel	~ 300g	Mod	998.4	986.5

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
VS3-STK-1 <u>3B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS3-STK-1 -M29-Filt	Petri Dish	Filter
VS3-STK-1 -M29-NI	1000 ml	Nitric Impinger
VS3-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
VS3-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
VS3-STK-1 -M29-HCIRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 50 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HCIRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HCIRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments



Sample Type - PCDD/PCDF (Method 0023A)		Date	10-17-13	X	Page	1	of	2	
Project Name: Veolia - Sauget, IL		Condition:	1		Train Leak Rate (cfm @ "Hg)				
Project Number: 40942525.40-02		Run:	3 B	Nozzle ID	0.397	Initial	0.006 @ 15		
Facility: Fixed Hearth - Unit 3		Console ID	161795	Nozzle Dia (in)	2.00	Final	0.004 @ 14		
Source: Stack		DGMCF	1.011	Barometer ID	BP-2	Pitot Tube ID 5.03			
Operator		ΔH@	1.824	Bar. Press. ("Hg)	29.70	PTCF 0.64			
Duct Dimension(s) 38.5		Kf	6.68	Stat. Press. ("H <sub>2</sub> O)+0.01		Pitot Tube Leak Check			
Nozzle Calibration				Elevation (ft)	(relative to Barometer)	Initial	(+) 108.1	(-) 13.7	
Caliper ID 700903				0.396	0.397	0.397	Final	(+) 0053"	(-) 0053"

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
1-1	1230	391.166	0.13	0.95	362	250	256	39	57	63	260	6.5
1	1235	383.99	0.14	0.93	362	252	256	39	48	63	260	7.5
1	1240	386.51	0.10	0.67	362	251	256	37	47	63	260	6.0
1	<del>1243</del>	<del>387.552</del>	<del>0.13</del>	<del>0.95</del>	<del>360</del>	<del>251</del>	<del>257</del>	<del>37</del>	<del>46</del>	<del>62</del>	<del>260</del>	<del>8.0</del>
2	1250	390.75	0.13	0.95	362	251	256	39	43	63	260	8.0
2	1253	391.71	0.15	0.95	363	251	256	40	42	63	260	8.0
2	1258	393.88	0.16	1.10	364	251	257	41	42	63	260	9.0
3	1303	396.98	0.15	1.00	366	253	257	43	43	64	260	9.0
3	1308	399.65	0.19	1.30	368	252	257	45	43	65	260	9.5
3	1313	402.62	0.18	1.20	368	253	256	46	44	65	260	9.5
4	1318	405.48	0.18	1.20	369	253	257	49	45	66	260	10.0
4	1323	408.87	0.17	1.15	370	255	257	51	48	67	260	10.0
4	1328	411.12	0.18	1.20	369	255	257	53	52	67	270	10.0
5	1333	414.16	0.18	1.20	370	255	256	42	47	68	270	10.0
5	1338	417.02	0.18	1.20	369	256	257	40	46	68	260	10.0
5	1343	419.93	0.17	1.15	369	257	257	37	45	68	260	10.0
6	1348	422.98	0.17	1.15	369	256	257	43	45	70	260	10.0
6	1353	425.83	0.16	1.10	369	256	257	45	46	70	260	10.0
6	1358	428.84	0.17	1.15	369	257	257	41	46	70	260	10.0
Post	1403	432.148										
Change	Post/Pre check: 0.005 @ 14; Pre leak check: 0.005 @ 14											
1-1	1425	432.497	0.12	0.81	359	252	257	40	56	70	260	7.0
1	1430	434.87	0.12	0.81	368	256	257	37	45	71	260	7.5
1	1435	437.37	0.14	0.94	367	256	257	37	44	70	260	8.0
2	1440	440.00	0.15	1.20	367	254	257	38	44	72	260	10.0
2	1445	442.87	0.17	1.15	369	254	257	38	44	72	260	10.0
2	1450	445.77	0.18	1.20	369	255	257	39	44	71	260	10.0
3	1455	448.90	0.18	1.20	369	256	257	39	45	72	260	10.0
3	1500	451.71	0.18	1.20	369	255	257	40	45	72	260	10.5
3	1505	454.69	0.18	1.20	368	256	257	41	46	73	260	10.5

Notes: Pause Sampling @ 1243 due to Flow dropping off  
 Resume @ 1246  
 SDS-17: PCDD/PCDF by SW-846 Method 0023A  
 Per EM SOP-023  
 Revision 06/2 April 2012

Project Name Veolia - Saugeit, IL  
 Project Number 40942525.40-02  
 Date 10/17/13  
 Source Unit 3 Stack

Condition No. 1  
 Run No. 3B  
 Balance ID TE7101A  
 Recovered by NMP

# Dioxins and Furans SW-846 - Method 0023A

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	2646.1	940.8
2	H <sub>2</sub> O	~100	G/S	725.0	723.4
3	H <sub>2</sub> O	~100	Mod	720.9	720.9
4	Silica Gel	~300g	Mod	1027.4	998.7
5					
6					

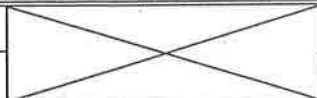

## Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1 <u>3B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS3-STK-1 <u>1</u> -M0023A-Filt	Petri Dish	Filter
VS3-STK-1 <u>1</u> -M0023A-CR	500 mL	Condenser Rinse
VS3-STK-1 <u>1</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

## Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 20% spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments

Sample Type – PCDD/PCDF (Method 0023A)		Date <u>10-17-13</u>				Page <u>2</u> of <u>2</u>	
Project Name: <u>Veolia - Sauget, IL</u>		Condition: <u>1</u>				Train Leak Rate (cfm @ "Hg)	
Project Number: <u>40942525.40-02</u>		Run: <u>J B</u>		Nozzle ID		Initial <u>see pg 1</u>	
Facility: <u>Fixed Hearth - Unit 3</u>		Console ID <u>161395</u>		Nozzle Dia (in) <u>0.399</u>		Final <u>see pg 1</u>	
Source: <u>Stack</u>		DGMCF <u>1.011</u>		Barometer ID		Pitot Tube ID <u>5.03</u>	
Operator <u>JE</u>		ΔH@ <u>1.824</u>		Bar. Press. ("Hg) <u>29.70</u>		PTCF <u>0.84</u>	
Duct Dimension(s) <u>3 P. 5</u>		Kf <u>—</u>		Stat. Press. ("H <sub>2</sub> O) <u>+0.01</u>		Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) <u>34</u>		Initial (+) <u>see pg 1</u>		(-) <u>—</u>	
Caliper ID <u>700903</u>				Final (+) <u>—</u>		(-) <u>—</u>	

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
4	1510	457.70	0.16	1.10	368	255	258	42	47	73	270	10.5
4	1515	460.59	0.17	1.15	368	256	257	43	48	72	270	10.0
4	1520	467.51	0.18	1.20	369	259	258	45	50	73	270	10.0
5	1525	466.62	0.17	1.15	367	257	258	48	51	73	270	10.0
5	1530	469.30	0.16	1.10	368	257	258	50	53	74	270	10.0
5	1535	472.25	0.17	1.15	367	257	258	43	54	73	270	10.0
6	1540	475.19	0.15	1.16	367	257	258	41	55	74	270	10.0
6	1545	478.05	0.17	1.15	366	257	258	41	56	74	270	10.0
6	1550	480.96	0.17	1.15	367	264	258	43	55	74	270	10.0
Stop	1555	483.897										
Test												

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date 10/18/13	Filter No. —	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1	—	Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: 4 B	Nozzle ID —	Initial 0.001 @ 15
Facility: Fixed Hearth - Unit 3	Console ID A161399	Nozzle Dia (in) 0.398	Final 0.001 @ 10.0
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID 7-529
Operator KMM	ΔH@ 1.790	Bar. Press. ("Hg) 29.74	PTCF 0.24
Duct Dimension(s) 38 1/2"	Kf 6.43	Stat. Press. ("H <sub>2</sub> O) -0.03	Pitot Tube Leak Check
Nozzle Calibration	Meter Elevation (ft) (relative to Barometer) 34	Initial (+) 7.5 (-) 7.5	
Caliper ID 700903	0.398 0.399 0.397	Final (+) ok 73 (-) ok 73	

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
SE-C	935	323.183	0.17	1.10	371	259	261	48	55	4.0
	940	325.89	0.18	1.15	370	263	263	40	55	4.0
	945	328.80	0.17	1.10	369	264	262	40	55	4.5
	950	331.72	0.16	1.05	366	261	262	41	56	4.5
	955	334.45	0.17	1.10	367	262	262	42	56	4.5
	1000	337.38	0.18	1.15	367	262	261	43	56	4.5
	1005	340.22	0.19	1.20	367	261	262	44	56	4.5
	1010	343.18	0.18	1.15	368	262	261	44	55	4.5
	1015	346.68	0.17	1.10	367	264	261	45	55	4.5
	1020	348.97	0.19	1.20	367	265	263	46	56	4.5
	1025	351.95	0.18	1.15	366	264	263	46	56	4.5
	1030	354.80	0.17	1.10	365	264	262	47	57	4.5
	1035	357.683								

Notes:

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.40-02  
 Date 10/18/13  
 Source Unit 3 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 4B  
 Balance ID TE4101A  
 Recovered by Kuma

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	924.9	629.2
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	942.2	755.7
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	820.2	755.3
4	0.1 N NaOH	100	Mod	784.9	770.7
5	0.1 N NaOH	100	Mod	738.9	735.8
6	Silica Gel	~ 300g	Mod	936.1	929.4

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 20 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V53-STK-1 <u>4B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V53-STK-1 <u>4B</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

Sample Type – Multi Metals (Method 29)		Date <b>10/18/13</b>			Page <b>1</b> of <b>1</b>
Project Name: <b>Veolia - Sauget, IL</b>		Condition: <b>1</b>			Sampling Train Leak Rate (cfm@"Hg)
Project Number: <b>40942525.40-02</b>		Run: <b>4 B</b>	Nozzle ID <b>—</b>	Initial <b>0.006 @ 15"</b>	
Facility: <b>Fixed Hearth - Unit 3</b>		Console ID <b>A161401</b>	Nozzle Dia (in) <b>0.401</b>	Final <b>0.002 @ 10"</b>	
Source: <b>Stack</b>		DGMCF <b>0.999</b>	Barometer ID <b>BP-2</b>	Pitot Tube ID <b>5-19</b>	
Operator <b>NMP</b>		ΔH@ <b>1.649</b>	Bar. Press. ("Hg) <b>29.74</b>	PTCF <b>0.84</b>	
Duct Dimension(s) <b>38.5'</b>		Kf <sup>NMP</sup> <del>10/17/13</del> <b>216.23</b>	Stat. Press. ("H <sub>2</sub> O) <b>-0.03</b>	Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) <b>34'</b>		Initial <b>(+) OK @ 4.5" (-) OK @ 5.3"</b>	
Caliper ID <b>700903</b>				Final <b>(-) OK @ 6.4" (-) OK @ 7.3"</b>	

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
E6	9:35	<del>246.814</del> 246.664	<del>0.19</del> 0.18	<del>1.10</del> 1.20	368	253	256	49	57	4
E6	9:40	249.80	0.19	1.10	368	256	257	43	57	4
E5	9:45	252.85	0.15	0.95	369	258	258	42	57	4
E5	9:50	255.71	0.17	1.05	364	255	257	42	57	4
E4	9:55	258.65	0.20	1.25	366	255	257	43	58	4
E4	10:00	261.77	0.20	1.25	367	255	255	45	59	5
E3	10:05	265.01	0.18	1.10	367	256	256	46	60	5
E3	10:10	267.20	0.18	1.10	368	256	257	46	60	5
E2	10:15	271.22	0.17	1.05	367	255	257	47	60	5
E2	10:20	274.20	0.17	1.05	367	256	257	48	61	4
E1	10:25	277.24	0.14	0.87	365	255	258	48	62	4
E1	10:30	279.92	0.13	0.81	364	255	258	48	62	4
Port CHANGE	10:35	282.487								
Post leak check: 0.007 @ 15; Pre leak check: 0.005 @ 15										
N6	11:20	282.787	0.16	1.00	366	256	257	57	63	4
N6	11:25	285.70	0.16	1.00	366	258	258	46	63	4
N5	11:30	288.67	0.16	1.00	368	259	258	46	63	4
N5	11:35	291.46	0.16	1.00	370	259	258	47	63	4
N4	11:40	294.36	0.17	1.05	370	260	258	49	63	4
N4	11:45	297.36	0.17	1.05	371	257	258	51	63	4
N3	11:50	300.33	0.20	1.25	371	259	257	53	64	5
N3	11:55	303.59	0.19	1.20	371	259	258	47	64	5
N2	12:00	306.60	0.19	1.20	371	259	258	46	65	5
N2	12:05	309.74	0.19	1.20	371	257	258	46	65	5
N1	12:10	312.95	0.13	0.81	369	258	258	47	66	4
N1	12:15	315.66	0.13	0.81	368	257	258	48	66	4
STOP	12:20	318.180								

Notes \_\_\_\_\_

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.40-02  
 Date 10/18/11

Condition No. 1  
 Run No. 45  
 Balance ID TEY101A  
 Recovered by Kumar

# Multi-Metals No Determination of PM EPA Method 29

Source Unit 3 Stack

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	- <sup>1</sup>	-	K/O	1965.4	934.3
2	Nitric/Peroxide	100	Mod	873.8	741.4
3	Nitric/Peroxide	100	S/G	772.8	757.0
4	-	-	Mod	645.1	613.7
5	KMnO <sub>4</sub> Soln	100	Mod	741.5	739.8
6	KMnO <sub>4</sub> Soln	100	Mod	746.9	746.7
7	Silica Gel	~ 300g	Mod	1009.7	998.3

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note -- use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 80 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Containers	Description
VS3-STK-1 <u>10</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS3-STK-1 <u>1</u> -M29-Filt	Petri Dish	Filter
VS3-STK-1 <u>1</u> -M29-NI	1000 ml	Nitric Impinger
VS3-STK-1 <u>1</u> -M29-EIR	250 ml	Empty Impinger Rinse
VS3-STK-1 <u>1</u> -M29-Perm	1000 ml	Permanganate Impinger
VS3-STK-1 <u>1</u> -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

Comments

Sample Type - PCDD/PCDF (Method 0023A)		Date	10-18-13	Nozzle ID		Page	1	of	2	
Project Name: Veolia - Sauget, IL		Condition:	1							
Project Number: 40942525.40-02		Run:	2843 JE	Nozzle Dia (in)		Initial	0.006	@	15"	
Facility: Fixed Hearth - Unit 3		Console ID	161395	Barometer ID		Final	0.002	@	12.5"	
Source: Stack		DGMCF	1.011	Elevation (ft) (relative to Barometer)		Pitot Tube ID	5.03			
Operator		ΔH@	1.824	Bar. Press. ("Hg)		PTCF	0.84			
Duct Dimension(s)		Kf	6.6	Stat. Press. ("H <sub>2</sub> O)		Pitot Tube Leak Check				
Nozzle Calibration		Caliper ID		700903		Initial	(+) 0K73	(-) 0K73		
		0.396		0.397		Final	(+) 0K5.3	(-) 0K5.0		

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
N-1	0935	484.285	0.16	1.05	367	253	250	36	45	54	260	7.0
1	0940	487.12	0.15	1.00	367	254	250	38	40	54	260	7.5
1	0945	489.83	0.14	0.91	366	254	251	39	39	53	260	7.0
2	0950	492.47	0.13	0.85	363	249	251	40	39	53	260	7.0
2	0955	494.95	0.19	1.25	366	256	252	42	49	54	260	8.5
2	1000	497.89	0.18	1.20	366	251	251	42	40	55	260	8.5
3	1005	500.92	0.20	1.70	368	253	251	44	42	56	260	9.0
3	1010	503.87	0.20	1.30	368	256	250	44	43	56	260	9.0
3	1015	506.92	0.19	1.25	367	254	250	44	44	57	260	9.0
4	1020	509.95	0.15	1.00	367	253	250	45	46	59	260	8.0
4	1025	512.71	0.15	1.00	366	254	251	45	47	59	260	8.0
4	1030	515.43	0.14	0.92	366	256	250	45	50	58	260	7.0
5	1035	518.07	0.14	0.92	366	255	252	40	45	59	260	7.0
5	1040	520.75	0.16	1.05	365	255	251	40	43	60	260	7.5
5	1045	523.46	0.18	1.20	365	256	252	40	46	61	260	9.0
6	1050	526.37	0.16	1.05	366	256	252	42	43	62	260	8.5
6	1055	529.17	0.15	0.99	367	256	252	42	43	62	260	8.0
6	1100	531.88	0.15	0.99	367	256	252	42	44	62	260	8.0
Point	1105	534.607										
change	Post leak check: 0.006 @ 15, Pre leak check: 0.006 @ 15											
E-1	1120	534.834	0.11	0.72	366	252	247	42	60	63	260	6.0
1	1125	537.20	0.11	0.72	366	253	247	41	46	63	260	6.0
1	1130	539.10	0.11	0.72	366	252	247	41	45	63	260	6.0
2	1135	541.88	0.15	0.99	369	252	246	42	52	62	260	8.0
2	1140	544.58	0.16	1.05	370	254	247	43	47	63	260	8.0
2	1145	547.35	0.15	0.99	370	250	246	44	47	63	260	8.0
3	1150	550.07	0.19	1.25	371	254	247	46	54	65	260	9.5
3	1155	553.00	0.18	1.20	372	252	247	47	51	64	260	9.5
3	1200	555.97	0.18	1.20	371	255	247	49	51	64	260	9.5
4	1205	558.93	0.17	1.15	371	251	247	49	53	64	260	9.5

Notes:

SDS-17: PCDD/PCDF by SW-846 Method 0023A

Per EM SOP-023

Revision 10/10 April 2012



Sample Type – PCDD/PCDF (Method 0023A)			Date	10-18-13	X	Page	2 of 2	
Project Name: Veolia - Sauget, IL		Condition:	1			Train Leak Rate (cfm @ "Hg)		
Project Number: 40942525.40-02		Run:	4 B	Nozzle ID		Initial	See pg 1	
Facility: Fixed Hearth - Unit 3		Console ID	161395	Nozzle Dia (in)	0.397	Final	@	
Source: Stack		DGMCF	1.011	Barometer ID	8P-2	Pitot Tube ID 5.03		
Operator J E		ΔH@	1.824	Bar. Press. ("Hg)	29.74	PTCF 0.84		
Duct Dimension(s) 78.5		Kf	6.6	Stat. Press. ("H <sub>2</sub> O)	-0.03	Pitot Tube Leak Check		
Nozzle Calibration					Elevation (ft) (relative to Barometer)	Initial	(+)	(-)
Caliper ID 700903						34	Final	(+) See pg 1

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
4	1210	561.87	0.16	1.10	371	258	249	49	55	65	260	9.0
4	1215	564.71	0.17	1.15	371	255	248	50	56	65	260	9.0
5	1220	567.61	0.17	1.15	371	257	248	52	59	66	260	9.0
5	1225	570.53	0.18	1.25	371	258	249	51	59	67	260	10.0
5	1230	573.56	0.17	1.15	370	256	250	49	57	67	260	9.5
6	1235	576.53	0.16	1.10	370	256	248	49	57	68	260	9.0
6	1240	579.37	0.17	1.15	369	255	248	47	57	68	260	9.0
6	1245	582.26	0.17	1.15	368	257	249	49	57	68	260	9.0
End	1250	585.162										

Project Name Veolia - Sauget, IL  
 Project Number 40942525.40-02  
 Date \_\_\_\_\_  
 Source Unit 3 Stack

Condition No. 1  
 Run No. \_\_\_\_\_  
 Balance ID \_\_\_\_\_  
 Recovered by \_\_\_\_\_

# Dioxins and Furans

## SW-846 - Method 0023A

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O		
2	H <sub>2</sub> O	~100	G/S		
3	H <sub>2</sub> O	~100	Mod		
4	Silica Gel	~ 300g	Mod		
5					
6					

### Sample Recovery Checklist

- \_\_\_\_\_ Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- \_\_\_\_\_ Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- \_\_\_\_\_ Seal XAD trap ends. Complete XAD sample label.
- \_\_\_\_\_ Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- \_\_\_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- \_\_\_\_\_ Note condition of the silica gel impinger. \_\_\_\_\_ % spent
- \_\_\_\_\_ Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- \_\_\_\_\_ Log samples into log book and place in refrigerator or ice chest.

Sample ID Number	Sample Container	Description
VS3-STK-1____-M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS3-STK-1____-M0023A-Filt	Petri Dish	Filter
VS3-STK-1____-M0023A-CR	500 mL	Condenser Rinse
VS3-STK-1____-M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments

Sample Type - PCDD/PCDF (Method 0023A)	Date <i>10-14-17</i>	X			Page <i>1</i> of <i>1</i>
Project Name: <i>Veolia - Sauget, IL</i>	Condition: <i>1</i>				Train Leak Rate (cfm @ "Hg)
Project Number: <i>40942525.40-02</i>	Run: <i>B Field RI</i>	Nozzle ID	Initial <i>0.002 @ 16.5</i>		
Facility: <i>Fixed Hearth - Unit 3</i>	Console ID <i>A161401</i>	Nozzle Dia (in)	Final @		
Source: <i>Stack</i>	DGMCF <i>0.999</i>	Barometer ID	Pitot Tube ID		
Operator <i>JE</i>	$\Delta H @$ <i>1.649</i>	Bar. Press. ("Hg)	PTCF		
Duct Dimension(s) <i>38.5</i>	Kf	Stat. Press. ("H <sub>2</sub> O)	Pitot Tube Leak Check		
Nozzle Calibration	Elevation (ft) (relative to Barometer)			Initial (+)	(-)
Caliper ID				Final (+)	(-)

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ ("H <sub>2</sub> O)	$\Delta H$ ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)	
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit		
<i>1154</i>		<i>905.115</i>											
<i>1657</i>		<i>905.240</i>											

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.40-02  
 Date 10/14/13  
 Source Unit 3 Stack

# Dioxins and Furans SW-846 - Method 0023A

Condition No. 1  
 Run No. FB  
 Balance ID T E4101A  
 Recovered by YJWA

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	937.0	937.0
2	H <sub>2</sub> O	~100	G/S	723.2	723.1
3	H <sub>2</sub> O	~100	Mod	720.9	720.9
4	Silica Gel	~300g	Mod	934.3	934.4
5					
6					

## Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1 <u>FB</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS3-STK-1 -M0023A-Filt	Petri Dish	Filter
VS3-STK-1 -M0023A-CR	500 mL	Condenser Rinse
VS3-STK-1 <u>✓</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

## Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 0 % spent
- Rinse the back half of the filter holder, Teflon transfer line (if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

## Comments


Sample Type - Multi Metals (Method 29)	Date 6/14/13	<del>XXXXXXXXXX</del>	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1 <b>FB</b>		Sampling Train Leak Rate (cfm@"Hg)
Project Number: 40942525.40-02	Run: B	Nozzle ID -	Initial 0.009 @ 22'
Facility: Fixed Hearth - Unit 3	Console ID A161399	Nozzle Dia (in) -	Final @
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID
Operator NMP	$\Delta H@$ 1.790	Bar. Press. ("Hg) 29.86	Pitot Tube Leak Check
Duct Dimension(s) 38'12"	Kf -	Stat. Press. ("H <sub>2</sub> O) -	
Nozzle Calibration Caliper ID _____		Elevation (ft) (relative to Barometer) 34	Initial (+) (-)
			Final (-) (-)

Point	Clock Time	DGM Reading (ft)	$\Delta P$ ("H <sub>2</sub> O)	$\Delta H$ ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)	
					Stack	Probe	Filter	Imp Exit	DGM In		
	16:05	Start leak check									
	16:06	Stop leak check									

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.40-02  
 Date 10/14/13  
 Source Unit 3 Stack

Condition No. 1  
 Run No. FB  
 Balance ID TE101A  
 Recovered by KWW

# Multi-Metals

## No Determination of PM

### EPA Method 29

### Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	1	-	K/O	932.5	932.8
2	Nitric/Peroxide	100	Mod	738.2	738.7
3	Nitric/Peroxide	100	S/G	757.4	757.5
4	-	-	Mod	641.5	641.4
5	KMnO <sub>4</sub> Soln	100	Mod	738.3	738.5
6	KMnO <sub>4</sub> Soln	100	Mod	743.7	743.8
7	Silica Gel	~ 300g	Mod	903.0	901.5

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

### Sample Log

Sample ID Number	Sample Containers	Description
VS3-STK-1 <u>FB</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS3-STK-1 -M29-Filt	Petri Dish	Filter
VS3-STK-1 -M29-NI	1000 ml	Nitric Impinger
VS3-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
VS3-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
VS3-STK-1 -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

### Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 0 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments

Sample Type – Particulate Matter (Method 5)	Date 10/14/13	Filter No. 7162513	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1 FB		Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02	Run: A	Nozzle ID —	Initial 0.002 @ 22"
Facility: Fixed Hearth - Unit 3	Console ID A161401	Nozzle Dia (in) —	Final — @ —
Source: Stack	DGMCF 0.999	Barometer ID 3A2	Pitot Tube ID P-302
Operator: NMP	ΔH@ 1.649	Bar. Press. ("Hg) 29.86	PTCF 0.84
Duct Dimension(s) 38 1/2"	Kf —	Stat. Press. ("H <sub>2</sub> O) —	Pitot Tube Leak Check
Nozzle Calibration		Elevation (ft) (relative to Barometer) 34	Initial (+) — (-) —
Caliper ID —			Final (+) — (-) —

Point	Clock Time	Dry Gas Vol. (ft³)	ΔP (in. H <sub>2</sub> O)	ΔH (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
<del>15:03</del>	<del>9:05.071</del>	<del>NMP</del>		10/14/13							
15:03	Start Leak Check										
15:04	End Leak Check										

Comments: \_\_\_\_\_

\_\_\_\_\_

Project Name Veolia - Sauget, IL  
 Project Number 40942525.40-02  
 Date 10/14/13  
 Source Unit 3 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. FB  
 Balance ID TEJ101A  
 Recovered by KUM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
2A	Water	100	Mod	752.9	753.0
3A	Water	100	G/S	755.2	755.3
4A	Empty	--	Mod	649.2	649.3
5A	Silica Gel	~ 300g	Mod	930.6	930.4
1A	Empty	KO	KO	599.4	599.3
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 0 % spent
- Log samples into logbook and store appropriately.


## Sample Log

Sample ID Number	Sample Container	Description
VS3-STK-1 <u>FB</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
VS3-STK-1 <u>FB</u> -M5-Filt	Petri Dish	Filter

## Comments


RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013



Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)		Date: 10-15-13	Filter No.	Page 1 of 1
Project Name: Veolia - Sauget, IL		Condition: 1	—	Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.40-02		Run: B.Fidd B/K	Nozzle ID —	Initial 0.001 @ 19"
Facility: Fixed Hearth - Unit 3		Console ID A161399	Nozzle Dia (in)	Final — @ —
Source: Stack		DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID —
Operator JE		ΔH@ 1.790	Bar. Press. ("Hg) 29.68	PTCF —
Duct Dimension(s) 38 1/2		Kf —	Stat. Press. ("H <sub>2</sub> O)	Pitot Tube Leak Check
Nozzle Calibration 			Meter Elevation (ft) (relative to Barometer) 34	Initial (+) — (-) —
Caliper ID —				Final (+) — (-) —

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
	7:43	214.172								
	7:45	214.775								

Project Name Veolia - Sauget, IL  
 Project Number 40942525.40-02  
 Date 10/15/13  
 Source Unit 3 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. FB  
 Balance ID TE4101A  
 Recovered by KULWA

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1*	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	630.6	629.2
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	755.6	755.4
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	755.2	755.2
4	0.1 N NaOH	100	Mod	736.2	736.1
5	0.1 N NaOH	100	Mod	769.5	769.5
6	Silica Gel	~ 300g	Mod	907.4	907.6

\*this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 0 % spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
VS3-STK-1 <u>FB</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS3-STK-1 <u>FB</u> -M26A-AIkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013

**Veolia Sauguet Unit 3**

Uncorrected Concentrations									
15-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 1A	1316-1425	12.69	5.26						
Run 1B	1615-1934	11.25	6.46				0.15	43.14	0.27

Corrected O <sub>2</sub> Conc.					
15-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1316-1425	12.69	0.05	1.02	12.87
Run 1B	1615-1934	11.25	0.06	1.02	11.43

Corrected CO <sub>2</sub> Conc.					
15-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1316-1425	5.26	0.04	1.02	5.31
Run 1B	1615-1934	6.46	0.06	1.02	6.52

**Veolia Sauget Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/15/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 0-25  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	7:43	0.02	0.02	0.1%
span gas	cc189665	22.50	7:45	22.54	0.04	0.2%
mid-range	cc43355	10.10	7:46	10.12	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	0.02	12:41	0.05	0.1%	14:32	0.05	0.1%	0.0%	C <sub>0</sub> = 0.049
	10.10	10.12	12:43	9.98	-0.6%	14:34	9.95	-0.8%	-0.1%	C <sub>M/A</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.018
Run 1B	0.00	0.02	14:32	0.05	0.1%	19:38	0.08	0.2%	0.1%	C <sub>0</sub> = 0.065
	10.10	10.12	14:34	9.95	-0.8%	19:40	9.94	-0.8%	-0.1%	C <sub>M/A</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.022

**Veolia Sauguet Unit 3**  
**CO<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/15/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 19.20  
**Analyzer Range:** 0-20  
**Units:** %  
**Technician(s):** dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	7:43	0.02	0.02	0.1%
span gas	cc189665	19.20	7:45	19.22	0.02	0.1%
mid-range	cc43355	10.00	7:46	10.10	0.10	0.5%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	0.02	12:41	0.04	0.1%	14:32	0.04	0.1%	0.0%	C <sub>O</sub> = 0.038 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.016
	10.00	10.10	12:43	9.89	-1.1%	14:34	9.87	-1.2%	-0.1%	
Run 1B	0.00	0.02	14:32	0.04	0.1%	19:38	0.09	0.3%	0.2%	C <sub>O</sub> = 0.064 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.020
	10.00	10.10	14:34	9.87	-1.2%	19:40	9.86	-1.2%	0.0%	

**Veolia Sauget Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/15/2013  
**Instrument Make/Model:** Thermo 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 0-30  
**Units:** ppm  
**Technician(s):** dc

**EPA Method 25A Calibration Error Test Results**

						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	15:11	-0.05	0.05	n/a
<b>Span</b>	alm025456	24.70	15:13	24.64	0.06	0.0
<b>Mid</b>	alm028646	14.80	15:15	14.92	0.12	0.0
<b>Low</b>	alm057529	8.43	15:17	8.42	0.01	0.0

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	-0.05	16:04	-0.01	0.1
	14.92	16:06	14.89	-0.1
	-0.05	17:18	-0.01	0.1
	14.92	17:20	14.58	-1.1
	-0.05	18:21	0.00	0.2
	14.92	18:23	14.69	-0.8
	-0.05	19:38	0.00	0.1
	14.92	19:42	14.77	-0.5

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
7:33:52	20.62	0.10	3.45
7:34:02	20.62	0.10	3.45
7:34:13	20.62	0.10	3.41
7:34:22	20.62	0.10	3.02
7:34:32	20.62	0.10	2.49
7:34:42	20.62	0.10	2.24
7:34:52	20.62	0.10	2.04
7:35:02	20.62	0.10	1.85
7:35:12	20.75	0.10	1.72
7:35:23	0.34	0.05	1.42
7:35:32	0.08	0.06	1.75
7:35:42	0.06	0.06	1.79
7:35:52	0.04	0.05	1.70
7:36:02	0.04	0.05	1.55
7:36:12	0.09	0.05	1.48
7:36:22	21.14	18.74	1.44
7:36:33	22.36	18.88	1.45
7:36:42	22.44	18.91	1.49
7:36:52	22.51	18.92	1.50
7:37:02	22.52	19.22	1.42
7:37:13	22.45	19.08	1.31
7:37:22	21.30	13.75	1.45
7:37:32	0.26	0.15	1.67
7:37:43	0.06	0.10	1.62
7:37:52	0.05	0.08	1.59
7:38:02	0.04	0.05	1.48
7:38:12	0.03	0.04	1.36
7:38:23	0.03	0.04	1.30
7:38:32	0.03	0.03	1.24
7:38:42	0.02	0.03	1.28
7:38:52	0.02	0.02	1.32
7:39:02	0.02	0.02	1.40
7:39:12	0.02	0.02	1.42
7:39:22	0.02	0.02	1.42
7:39:33	0.02	0.02	1.31
7:39:42	0.01	0.02	1.24
7:39:52	0.03	0.03	1.37
7:40:02	13.75	17.12	1.36
7:40:12	22.33	19.03	1.32
7:40:22	22.47	19.06	1.36
7:40:32	22.49	19.09	1.38
7:40:43	22.52	19.22	1.29
7:40:52	22.52	19.23	1.20
7:41:02	22.44	19.06	1.13
7:41:12	4.58	0.26	1.11
7:41:22	0.09	0.10	1.07
7:41:32	0.10	0.15	1.06
7:41:42	21.62	19.19	1.05
7:41:53	22.51	19.22	1.11
7:42:02	22.49	19.19	1.19
7:42:12	22.42	19.15	1.16

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
7:42:22	0.30	0.11	1.09
<b>Cal Error</b>			
7:42:33	0.05	0.07	1.05
7:42:42	0.03	0.05	1.03
7:42:52	0.03	0.04	1.02
7:43:03	0.02	0.04	1.02
7:43:12	0.03	0.04	1.02
7:43:22	0.02	0.03	1.00
7:43:32	0.02	0.03	1.06
7:43:43	0.02	0.02	1.21
7:43:52	0.03	0.02	1.18
<b>N2 Zero</b>	<b>0.02</b>	<b>0.02</b>	<b>1.15</b>
7:44:02	13.89	17.39	1.21
7:44:12	22.39	19.16	1.25
7:44:22	22.53	19.21	1.28
7:44:32	22.53	19.21	1.31
7:44:42	22.53	19.21	1.24
7:44:53	22.54	19.22	1.15
7:45:02	22.54	19.22	1.16
<b>22.5/19.2 O2/CO2</b>	<b>22.54</b>	<b>19.22</b>	<b>1.18</b>
7:45:12	22.44	19.03	1.17
7:45:22	13.93	10.09	1.16
7:45:32	10.17	10.11	1.22
7:45:42	10.13	10.11	1.31
7:45:52	10.13	10.10	1.33
7:46:03	10.13	10.10	1.21
7:46:12	10.12	10.10	1.11
7:46:22	10.12	10.10	1.06
<b>10.1/10.0 O2/CO2</b>	<b>10.12</b>	<b>10.10</b>	<b>1.13</b>
7:46:32	10.09	10.01	1.04
7:46:42	10.09	10.00	1.07
7:46:52	10.09	10.00	1.13
<b>Cal Bias</b>			
7:47:02	10.09	9.99	1.09
7:47:13	10.15	9.98	1.13
7:47:22	11.05	8.24	1.09
7:47:32	20.64	0.13	1.00
7:47:42	12.23	5.26	0.18
7:47:52	10.07	9.82	0.06
7:48:02	10.04	9.86	0.05
7:48:12	10.03	9.88	0.04
7:48:23	10.02	9.89	0.04
7:48:32	10.01	9.90	0.06
7:48:42	10.01	9.91	0.13
<b>10.1/10.0 O2/CO2</b>	<b>10.01</b>	<b>9.90</b>	<b>0.08</b>
7:48:52	15.46	3.11	0.72
7:49:03	5.10	0.84	0.12
7:49:12	0.16	0.13	0.07
7:49:22	0.09	0.10	0.07
7:49:33	0.07	0.08	0.07
7:49:42	0.06	0.07	0.07
7:49:52	0.05	0.07	0.06



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
7:50:02	0.05	0.06	0.07
7:50:13	0.04	0.06	0.07
7:50:22	0.04	0.06	0.07
7:50:32	0.04	0.04	0.06
7:50:42	0.03	0.03	0.05
<b>N2 Zero</b>	<b>0.04</b>	<b>0.04</b>	<b>0.06</b>
7:50:52	0.03	0.03	0.05
7:51:02	0.03	0.03	0.04
7:51:12	0.03	0.03	0.04
7:51:23	0.03	0.03	0.04
7:51:32	0.03	0.03	0.04
7:51:42	0.03	0.03	0.04
7:51:52	0.02	0.03	0.03
7:52:02	0.02	0.03	0.05
7:52:12	0.02	0.03	0.03
7:52:22	0.02	0.03	0.04
7:52:33	0.02	0.03	0.04
7:52:42	0.02	0.03	0.04
7:52:52	0.02	0.03	0.03
7:53:02	0.02	0.02	0.03
7:53:12	0.02	0.02	0.18
7:53:22	15.05	0.06	0.44
7:53:32	20.37	18.10	0.20
7:53:43	22.16	18.71	0.19
7:53:52	22.21	18.78	0.18
7:54:02	22.22	18.81	0.19
7:54:12	22.24	18.83	0.19
7:54:23	22.24	18.85	0.19
7:54:32	22.25	18.86	0.18
7:54:42	22.25	18.87	0.18
7:54:53	22.26	18.88	0.19
7:55:02	22.26	18.88	0.19
7:55:12	22.26	18.89	0.25
7:55:22	21.48	7.61	0.28
7:55:33	1.71	0.48	0.04
7:55:42	0.17	0.22	0.03
7:55:52	0.11	0.15	0.03
7:56:02	0.08	0.12	0.02
7:56:12	0.07	0.10	0.02
7:56:22	0.06	0.09	0.02
7:56:32	0.05	0.08	0.02
7:56:43	0.05	0.07	0.02
7:56:52	0.04	0.06	0.01
7:57:02	1.65	0.06	0.80
7:57:12	20.03	0.10	1.34
7:57:22	20.60	0.10	1.43
7:57:32	20.64	0.10	1.43
7:57:42	20.67	0.09	1.39
7:57:53	20.68	0.09	1.41
7:58:02	20.69	0.09	1.49
7:58:12	20.69	0.09	1.44
7:58:22	20.70	0.09	1.46

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
7:58:32	20.71	0.08	1.47
7:58:42	20.71	0.09	1.41
7:58:52	20.71	0.09	1.42
7:59:03	20.71	0.09	1.33
7:59:12	20.71	0.09	1.24
7:59:22	20.71	0.09	1.17
7:59:32	20.71	0.09	1.10
7:59:43	20.72	0.08	1.08
7:59:52	20.72	0.08	1.07
8:00:02	20.72	0.08	1.14
8:00:13	20.72	0.08	1.07
8:00:22	20.72	0.08	1.03
8:00:32	20.72	0.08	1.01
8:00:42	20.72	0.07	1.01
8:00:53	20.72	0.07	1.01
8:01:02	20.72	0.07	1.11
8:01:12	20.73	0.07	1.21
8:01:22	20.73	0.07	1.21
8:01:32	20.72	0.07	1.07
8:01:42	17.09	2.65	0.50
8:01:52	15.49	2.93	0.57
8:02:03	15.45	2.94	0.78
8:02:12	16.91	1.54	1.43
8:02:22	20.61	0.11	1.46
8:02:32	20.69	0.09	1.31
8:02:42	20.71	0.08	1.22
8:02:52	20.71	0.08	1.18
8:03:02	20.72	0.07	1.14
8:03:13	20.72	0.07	1.16
8:03:22	20.72	0.07	1.12
8:03:32	20.72	0.07	1.09
8:03:42	20.73	0.07	1.01
8:03:52	17.63	2.49	0.54
8:04:02	15.53	2.91	0.61
8:04:12	15.49	2.92	0.78
8:04:23	15.48	2.93	1.21
8:04:32	15.46	2.94	1.48
8:04:42	15.47	2.93	1.62
8:04:52	15.47	2.93	1.58
8:05:03	15.47	2.93	1.64
<b>Start O2 strat point 1</b>			
8:05:12	15.48	2.93	1.55
8:05:22	15.49	2.93	1.57
8:05:33	15.47	2.95	1.40
8:05:42	15.48	2.94	1.32
8:05:52	15.48	2.94	1.26
8:06:02	15.46	2.96	1.22
8:06:13	15.45	2.96	1.15
8:06:22	15.45	2.96	1.10
8:06:32	15.45	2.96	1.06
8:06:42	15.45	2.96	1.01
8:06:52	15.46	2.96	0.99

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
8:07:02	15.45	2.96	0.95
8:07:12	15.45	2.96	0.91
8:07:23	15.45	2.95	0.89
8:07:32	15.46	2.95	0.87
8:07:42	15.46	2.95	0.85
8:07:52	15.46	2.95	0.84
8:08:02	15.47	2.95	0.81
8:08:12	15.46	2.95	0.80
8:08:22	15.46	2.95	0.79
8:08:33	15.47	2.94	0.78
8:08:42	15.46	2.95	0.77
8:08:52	15.45	2.96	0.76
8:09:02	15.43	2.97	0.74
8:09:12	15.40	2.98	0.73
8:09:22	15.38	3.00	0.72
8:09:32	15.42	2.96	0.73
8:09:43	15.47	2.93	0.72
8:09:52	15.53	2.89	0.71
8:10:02	15.61	2.84	0.70
8:10:12	15.67	2.81	0.71
8:10:22	15.70	2.80	0.69
8:10:32	15.69	2.82	0.68
8:10:42	15.65	2.84	0.68
8:10:53	15.63	2.85	0.69
8:11:02	15.57	2.88	0.69
8:11:12	15.52	2.91	0.68
8:11:22	15.49	2.93	0.66
8:11:33	15.46	2.94	0.67
8:11:42	15.46	2.94	0.65
8:11:52	15.44	2.95	0.65
8:12:03	15.44	2.95	0.63
8:12:12	15.43	2.95	0.62
8:12:22	15.42	2.96	0.61
8:12:32	15.42	2.96	0.62
8:12:43	15.43	2.96	0.60
8:12:52	15.43	2.95	0.61
8:13:02	15.43	2.97	0.63
8:13:12	15.41	2.97	0.62
8:13:22	15.42	2.97	0.61
8:13:32	15.43	2.97	0.61
8:13:42	15.42	2.97	0.59
8:13:53	15.43	2.97	0.60
8:14:02	15.42	2.97	0.61
8:14:12	15.41	2.97	0.61
8:14:22	15.41	2.98	0.62
8:14:32	15.41	2.98	0.61
8:14:42	15.40	2.98	0.60
8:14:52	15.39	2.98	0.60
<b>End O2 strat point 1</b>	<b>15.47</b>		
<b>Start O2 strat point 2</b>			
8:15:03	15.40	2.97	0.60
8:15:12	15.40	2.97	0.59

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:15:22	15.39	2.98	0.59
8:15:32	15.40	2.98	0.58
8:15:42	15.39	2.98	0.59
8:15:52	15.40	2.97	0.58
8:16:02	15.40	2.97	0.58
8:16:13	15.40	2.98	0.57
8:16:22	15.40	2.98	0.56
8:16:32	15.39	2.98	0.56
8:16:42	15.40	2.98	0.56
8:16:53	15.39	2.98	0.56
8:17:02	15.39	2.98	0.55
8:17:12	15.38	2.99	0.54
8:17:23	15.39	2.98	0.54
8:17:32	15.41	2.97	0.53
8:17:42	15.40	2.97	0.53
8:17:52	15.39	2.99	0.52
8:18:03	15.39	2.99	0.52
8:18:12	15.39	2.99	0.52
8:18:22	15.39	2.99	0.53
8:18:32	15.40	2.98	0.52
8:18:42	15.40	2.98	0.51
8:18:52	15.40	2.98	0.50
8:19:02	15.40	2.98	0.50
8:19:13	15.40	2.98	0.50
8:19:22	15.41	2.97	0.51
8:19:32	15.43	2.96	0.52
8:19:42	15.44	2.95	0.51
8:19:52	15.43	2.96	0.50
8:20:02	15.42	2.96	0.49
8:20:12	15.41	2.96	0.48
8:20:23	15.42	2.96	0.50
8:20:32	15.43	2.96	0.50
8:20:42	15.43	2.96	0.49
8:20:52	15.41	2.96	0.49
8:21:02	15.41	2.96	0.48
8:21:12	15.41	2.97	0.48
8:21:22	15.41	2.97	0.48
8:21:33	15.40	2.98	0.49
8:21:42	15.41	2.97	0.47
8:21:52	15.16	3.13	0.47
8:22:02	15.10	3.15	0.46
8:22:13	15.09	3.15	0.46
8:22:22	15.11	3.14	0.47
8:22:32	15.09	3.16	0.47
8:22:43	15.03	3.19	0.47
8:22:52	15.00	3.21	0.47
8:23:02	14.98	3.21	0.49
8:23:12	14.98	3.21	0.54
8:23:23	15.93	2.60	0.59
8:23:32	16.11	2.63	0.55
8:23:42	15.66	2.84	0.50
8:23:52	15.29	3.06	0.47

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
<b>End O2 strat point 2</b>	<b>15.37</b>		
<b>Start O2 strat point 3</b>			
8:24:02	15.10	3.16	0.46
8:24:12	15.10	3.15	0.46
8:24:22	15.11	3.14	0.45
8:24:33	15.14	3.13	0.45
8:24:42	15.14	3.12	0.45
8:24:52	15.15	3.11	0.45
8:25:02	15.18	3.10	0.45
8:25:12	15.22	3.08	0.47
8:25:22	15.46	2.88	0.50
8:25:32	15.80	2.75	0.49
8:25:43	15.72	2.77	0.48
8:25:52	15.67	2.83	0.46
8:26:02	15.57	2.88	0.45
8:26:12	15.58	2.86	0.45
8:26:22	15.60	2.86	0.46
8:26:32	15.60	2.86	0.46
8:26:42	15.60	2.86	0.45
8:26:53	15.62	2.85	0.45
8:27:02	15.61	2.85	0.45
8:27:12	15.56	2.89	0.45
8:27:22	15.56	2.86	0.44
8:27:33	15.59	2.85	0.44
8:27:42	15.62	2.84	0.44
8:27:52	15.64	2.83	0.44
8:28:03	15.64	2.83	0.45
8:28:12	15.67	2.82	0.44
8:28:22	15.70	2.81	0.45
8:28:32	15.72	2.81	0.45
8:28:43	15.73	2.80	0.44
8:28:52	15.75	2.79	0.44
8:29:02	15.76	2.79	0.43
8:29:12	15.77	2.78	0.44
8:29:22	15.77	2.78	0.44
8:29:32	15.80	2.77	0.44
8:29:42	15.79	2.77	0.44
8:29:53	15.78	2.77	0.44
8:30:02	15.77	2.78	0.44
8:30:12	15.76	2.78	0.44
8:30:22	15.77	2.78	0.44
8:30:32	15.78	2.77	0.44
8:30:42	15.78	2.77	0.45
8:30:52	15.78	2.77	0.44
<b>End O2 strat point 3</b>	<b>15.58</b>		
8:31:03	15.79	2.77	0.44
8:31:12	15.79	2.77	0.44
8:31:22	15.78	2.77	0.43
8:31:32	15.79	2.77	0.43
8:31:42	15.79	2.77	0.43
8:31:52	15.79	2.77	0.42
8:32:02	15.79	2.77	0.42

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:24:01	15.33	3.27	0.36
9:24:11	15.30	3.29	0.37
9:24:21	15.29	3.29	0.38
9:24:31	15.24	3.29	0.40
9:24:41	15.15	3.37	0.41
9:24:51	14.97	3.49	0.43
9:25:01	14.71	3.67	0.43
9:25:11	14.44	3.86	0.43
9:25:21	14.12	4.07	0.44
9:25:31	13.85	4.24	0.40
9:25:41	13.67	4.34	0.40
9:25:51	13.63	4.38	0.39
9:26:01	13.65	4.39	0.38
9:26:11	13.62	4.45	0.38
9:26:21	13.49	4.60	0.38
9:26:31	13.34	4.74	0.38
9:26:41	13.28	4.80	0.37
9:26:51	13.23	4.85	0.37
9:27:01	13.27	4.82	0.36
9:27:11	13.37	4.75	0.35
9:27:21	13.51	4.66	0.35
9:27:31	13.75	4.51	0.36
9:27:41	14.00	4.36	0.38
9:27:51	14.37	4.11	5.87
9:28:01	20.19	0.13	10.57
9:28:11	20.46	0.06	11.92
9:28:21	20.47	0.05	13.08
9:28:31	20.48	0.04	13.93
9:28:41	20.49	0.03	14.37
9:28:51	20.49	0.03	14.61
9:29:01	20.49	0.02	14.70
9:29:11	20.50	0.02	14.74
9:29:21	20.50	0.02	14.78
9:29:31	20.49	0.03	6.91
9:29:41	16.87	2.34	17.36
9:29:51	20.48	0.05	23.66
9:30:01	20.57	0.03	24.21
9:30:11	20.58	0.02	24.40
9:30:21	20.58	0.02	24.49
9:30:31	20.58	0.02	24.55
9:30:41	20.58	0.02	24.58
9:30:51	20.59	0.02	24.61
9:31:01	20.59	0.02	24.76
9:31:11	20.59	0.02	24.76
9:31:21	20.59	0.02	14.32
9:31:31	16.77	3.02	3.83
9:31:41	2.36	0.08	0.24
9:31:51	0.18	0.03	0.07
9:32:01	0.12	0.02	0.06
9:32:11	0.09	0.02	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:32:21	0.08	0.02	0.03
9:32:31	0.07	0.02	0.03
9:32:41	0.06	0.02	0.02
9:32:51	1.12	0.35	3.38
9:33:01	13.20	0.24	22.18
9:33:11	20.36	0.03	24.34
9:33:21	20.51	0.03	24.55
9:33:31	20.54	0.02	24.62
9:33:41	20.55	0.02	24.66
9:33:51	20.56	0.02	24.69
9:34:01	20.57	0.02	24.70
9:34:11	20.57	0.02	24.71
9:34:21	20.55	0.05	12.49
9:34:31	13.35	0.65	1.75
9:34:41	0.39	0.03	0.07
9:34:51	0.13	0.02	0.02
9:35:01	0.09	0.02	0.01
9:35:11	0.08	0.02	0.00
9:35:21	0.07	0.02	0.00
9:35:31	0.06	0.02	-0.01
9:35:41	0.06	0.02	-0.02
9:35:51	0.92	0.28	1.58
9:36:01	12.29	0.21	21.08
9:36:11	20.35	0.03	24.15
9:36:21	20.51	0.02	24.47
9:36:31	20.53	0.02	24.56
9:36:41	20.55	0.02	24.61
9:36:51	20.56	0.02	24.63
9:37:01	20.56	0.02	24.65
9:37:11	20.56	0.02	24.26
9:37:21	19.98	0.58	8.80
9:37:31	6.25	0.10	0.80
9:37:41	0.21	0.01	0.04
9:37:51	0.11	0.01	0.01
9:38:01	0.09	0.01	-0.01
9:38:11	0.08	0.01	-0.01
9:38:21	0.06	0.01	-0.02
9:38:31	0.05	0.01	-0.03
9:38:41	0.05	0.01	-0.03
9:38:51	1.06	0.28	2.01
9:39:01	12.67	0.19	21.20
9:39:11	20.35	0.02	24.13
9:39:21	20.51	0.01	24.46
9:39:31	20.53	0.01	24.58
9:39:41	20.55	0.01	24.63
9:39:51	20.56	0.01	24.65
9:40:01	20.56	0.00	24.66
9:40:11	20.57	0.00	24.67
9:40:21	20.57	0.00	14.84
9:40:31	14.37	0.99	3.10
9:40:41	0.44	0.02	0.08
9:40:51	0.12	0.01	0.01

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:41:01	0.09	0.01	-0.02
9:41:11	0.07	0.01	-0.03
9:41:21	0.06	0.01	-0.03
9:41:31	0.06	0.01	-0.04
9:41:41	0.05	0.01	-0.04
9:41:51	1.80	1.08	0.60
9:42:01	12.35	4.55	0.73
9:42:11	12.64	4.66	0.67
9:42:21	12.60	4.71	0.61
9:42:31	12.60	4.73	0.57
9:42:41	12.59	4.74	0.54
9:42:51	12.55	4.78	0.49
9:43:01	12.49	4.83	0.45
9:43:11	12.46	4.85	0.42
9:43:21	12.49	4.82	0.42
9:43:31	12.56	4.77	0.41
9:43:41	12.65	4.70	0.41
9:43:51	12.74	4.64	0.42
9:44:01	12.83	4.57	0.42
9:44:11	12.94	4.49	0.42
9:44:21	13.00	4.46	0.41
9:44:31	13.03	4.42	0.42
9:44:41	13.07	4.40	0.43
9:44:51	13.10	4.39	0.43
9:45:01	13.09	4.39	0.43
9:45:11	13.04	4.45	0.43
9:45:21	12.92	4.54	0.42
9:45:31	12.85	4.60	0.42
9:45:41	12.94	4.56	0.44
9:45:51	13.13	4.47	0.47
9:46:01	13.37	4.36	0.52
9:46:11	13.58	4.27	0.55
9:46:21	13.74	4.22	0.57
9:46:31	13.79	4.23	0.56
9:46:41	13.80	4.25	0.54
9:46:51	13.82	4.27	0.52
9:47:01	13.91	4.22	0.51
9:47:11	14.05	4.18	0.50
9:47:21	14.19	4.11	0.50
9:47:31	14.32	4.05	0.49
9:47:41	14.47	3.96	0.52
9:47:51	14.70	3.83	0.53
9:48:01	14.95	3.70	0.56
9:48:11	15.15	3.60	0.60
9:48:21	15.29	3.53	0.63
9:48:31	15.39	3.48	0.65
9:48:41	15.46	3.47	0.68
9:48:51	15.49	3.46	0.70
9:49:01	15.51	3.46	0.70
9:49:11	15.56	3.43	0.69
9:49:21	15.60	3.40	0.68
9:49:31	15.61	3.39	0.68



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:49:41	15.62	3.39	0.68
9:49:51	15.60	3.40	0.67
9:50:01	15.59	3.41	0.67
9:50:11	15.62	3.38	0.64
9:50:21	15.65	3.36	0.61
9:50:31	15.67	3.34	0.56
9:50:41	15.72	3.31	0.54
9:50:51	15.74	3.29	0.52
9:51:01	15.75	3.28	0.50
9:51:11	15.76	3.28	0.49
9:51:21	15.77	3.27	0.47
9:51:31	15.76	3.27	0.47
9:51:41	15.77	3.27	0.46
9:51:51	15.75	3.28	0.46
9:52:01	15.73	3.29	0.45
9:52:11	15.71	3.30	0.45
9:52:21	15.69	3.31	0.46
9:52:31	15.66	3.33	0.49
9:52:41	15.63	3.35	0.51
9:52:51	15.60	3.37	0.52
9:53:01	15.59	3.38	0.56
9:53:11	15.56	3.39	0.60
9:53:21	15.54	3.41	0.62
9:53:31	15.52	3.42	0.64
9:53:41	15.50	3.43	0.64
9:53:51	15.50	3.43	0.65
9:54:01	15.48	3.44	0.66
9:54:11	15.49	3.43	0.67
9:54:21	15.48	3.43	0.69
9:54:31	15.47	3.44	0.70
9:54:41	15.45	3.45	0.71
9:54:51	15.45	3.45	0.72
9:55:01	15.45	3.46	0.73
9:55:11	15.43	3.47	0.75
9:55:21	15.43	3.47	0.76
9:55:31	15.41	3.48	0.75
9:55:41	15.39	3.49	0.75
9:55:51	15.40	3.49	0.76
9:56:01	15.39	3.50	0.75
9:56:11	15.41	3.47	0.73
9:56:21	15.42	3.48	0.73
9:56:31	15.44	3.46	0.76
9:56:41	15.48	3.42	1.10
9:56:51	15.60	3.29	2.13
9:57:01	15.88	3.05	3.63
9:57:11	16.19	2.81	5.53
9:57:21	16.55	2.57	6.90
9:57:31	16.86	2.37	7.10
9:57:41	17.09	2.21	6.51
9:57:51	17.25	2.11	5.64
9:58:01	17.24	2.11	4.72
9:58:11	17.10	2.18	3.93

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:58:21	16.92	2.27	3.24
9:58:31	16.73	2.36	2.70
9:58:41	16.57	2.43	2.21
9:58:51	16.42	2.50	1.82
9:59:01	16.29	2.56	1.49
9:59:11	16.18	2.61	1.24
9:59:21	16.11	2.64	1.05
9:59:31	16.07	2.66	0.90
9:59:41	16.02	2.68	0.76
9:59:51	15.94	2.72	0.67
10:00:01	15.83	2.77	0.58
10:00:11	15.74	2.82	0.54
10:00:21	15.66	2.86	0.50
10:00:31	15.59	2.89	0.46
10:00:41	15.54	2.93	0.42
10:00:51	15.49	2.95	0.39
10:01:01	15.47	2.97	0.36
10:01:11	15.45	2.98	0.35
10:01:21	15.41	3.01	0.34
10:01:31	15.35	3.04	0.33
10:01:41	15.28	3.09	0.33
10:01:51	15.19	3.14	0.31
10:02:01	15.12	3.18	0.29
10:02:11	15.06	3.21	0.29
10:02:21	15.03	3.23	0.29
10:02:31	14.99	3.25	0.29
10:02:41	14.98	3.26	0.29
10:02:51	14.95	3.27	0.28
10:03:01	14.96	3.27	0.28
10:03:11	14.96	3.26	0.28
10:03:21	14.97	3.26	0.29
10:03:31	14.97	3.26	0.29
10:03:41	14.98	3.25	0.28
10:03:51	14.99	3.25	0.28
10:04:01	14.98	3.26	0.27
10:04:11	14.98	3.25	0.27
10:04:21	14.99	3.25	0.27
10:04:31	14.98	3.25	0.27
10:04:41	14.98	3.25	0.28
10:04:51	14.99	3.25	0.27
10:05:01	14.99	3.25	0.27
10:05:11	14.99	3.25	0.27
10:05:21	14.99	3.25	0.27
10:05:31	14.99	3.25	0.27
10:05:41	14.98	3.25	0.27
10:05:51	14.99	3.25	0.26
10:06:01	14.99	3.25	0.26
10:06:11	14.98	3.25	0.27
10:06:21	14.98	3.25	0.28
10:06:31	15.00	3.25	0.28
10:06:41	14.98	3.26	0.27
10:06:51	14.99	3.25	0.27

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:07:01	15.00	3.25	0.28
10:07:11	15.00	3.25	0.28
10:07:21	14.99	3.25	0.27
10:07:31	15.00	3.25	0.27
10:07:41	15.00	3.25	0.27
10:07:51	15.00	3.25	0.27
10:08:01	15.00	3.25	0.28
10:08:11	15.00	3.25	0.27
10:08:21	15.00	3.24	0.26
10:08:31	15.01	3.24	0.26
10:08:41	15.01	3.24	0.26
10:08:51	15.00	3.24	0.27
10:09:01	15.00	3.25	0.26
10:09:11	15.00	3.23	0.25
10:09:21	15.00	3.23	0.27
10:09:31	15.01	3.22	0.26
10:09:41	15.00	3.23	0.26
10:09:51	14.98	3.24	0.24
10:10:01	14.96	3.25	0.26
10:10:11	14.92	3.27	0.27
10:10:21	14.89	3.29	0.25
10:10:31	14.82	3.33	0.25
10:10:41	14.79	3.35	0.26
10:10:51	14.77	3.36	0.25
10:11:01	14.75	3.38	0.24
10:11:11	14.72	3.39	0.24
10:11:21	14.73	3.39	0.24
10:11:31	14.71	3.40	0.25
10:11:41	14.37	3.17	0.37
10:11:51	1.16	0.09	0.12
10:12:01	0.13	0.04	0.09
10:12:11	0.09	0.03	0.07
10:12:21	0.07	0.02	0.07
10:12:31	0.06	0.02	0.04
10:12:41	0.06	0.02	0.04
10:12:51	0.05	0.01	0.03
10:13:01	0.05	0.01	0.03
10:13:11	0.05	0.01	0.08
10:13:21	9.19	2.42	10.18
10:13:31	19.41	0.03	23.57
10:13:41	20.46	0.02	24.31
10:13:51	20.51	0.02	24.47
10:14:01	20.53	0.01	24.55
10:14:11	20.54	0.02	24.58
10:14:21	20.55	0.02	24.60
10:14:31	20.56	0.01	24.63
10:14:41	20.56	0.01	24.65
10:14:51	20.57	0.01	24.67
10:15:01	20.57	0.01	21.19
10:15:11	17.36	2.61	10.89
10:15:21	20.23	0.06	14.48
10:15:31	20.48	0.02	14.78

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:15:41	20.49	0.01	14.90
10:15:51	20.50	0.01	14.94
10:16:01	20.50	0.01	14.95
10:16:11	20.50	0.01	14.97
10:16:21	20.50	0.01	14.99
10:16:31	20.50	0.02	15.00
10:16:41	20.50	0.01	13.26
10:16:51	17.75	2.33	5.45
10:17:01	20.16	0.09	8.17
10:17:11	20.57	0.02	8.39
10:17:21	20.58	0.02	8.44
10:17:31	20.59	0.01	8.46
10:17:41	20.59	0.01	8.48
10:17:51	20.59	0.01	8.50
10:18:01	20.59	0.01	8.50
10:18:11	20.59	0.02	8.50
10:18:21	20.59	0.02	4.96
10:18:31	15.98	3.05	0.52
10:18:41	15.07	3.21	0.37
10:18:51	15.05	3.23	0.35
10:19:01	15.03	3.23	0.32
10:19:11	15.03	3.24	0.31
10:19:21	15.02	3.24	0.31
10:19:31	15.03	3.23	0.31
10:19:41	15.03	3.23	0.29
10:19:51	15.03	3.23	0.28
10:20:01	15.02	3.23	0.29
10:20:11	15.02	3.23	0.27
10:20:21	15.02	3.23	0.26
10:20:31	15.02	3.23	0.25
10:20:41	15.03	3.22	0.26
10:20:51	15.04	3.22	0.26
10:21:01	15.03	3.22	0.26
10:21:11	15.04	3.22	0.26
10:21:21	15.04	3.22	0.26
10:21:31	15.05	3.24	0.25
10:21:41	15.05	3.23	0.24
10:21:51	15.05	3.23	0.25
10:22:01	15.05	3.23	0.25
10:22:11	15.06	3.23	0.25
10:22:21	15.06	3.23	0.26
10:22:31	15.05	3.23	0.26
10:22:41	15.04	3.24	0.27
10:22:51	15.04	3.24	0.28
10:23:01	15.03	3.24	0.27
10:23:11	15.04	3.24	0.27
10:23:21	15.04	3.24	0.27
10:23:31	15.04	3.24	0.26
10:23:41	15.03	3.24	0.26
10:23:51	15.03	3.24	0.26
10:24:01	15.03	3.24	0.27
10:24:11	15.03	3.23	0.26

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:24:21	15.03	3.24	0.26
10:24:31	15.04	3.23	0.26
10:24:41	15.03	3.24	0.26
10:24:51	15.04	3.23	0.26
10:25:01	15.04	3.24	0.26
10:25:11	15.06	3.22	0.27
10:25:21	15.05	3.23	0.27
10:25:31	15.06	3.22	0.27
10:25:41	15.06	3.23	0.27
10:25:51	15.06	3.23	0.27
10:26:01	15.07	3.22	0.26
10:26:11	15.07	3.22	0.27
10:26:21	15.06	3.21	0.26
10:26:31	15.04	3.23	0.26
10:26:41	15.03	3.24	0.26
10:26:51	15.03	3.24	0.25
10:27:01	15.03	3.24	0.25
10:27:11	15.01	3.25	0.25
10:27:21	15.01	3.26	0.25
10:27:31	15.01	3.26	0.25
10:27:41	15.00	3.27	0.25
10:27:51	15.00	3.27	0.24
10:28:01	15.00	3.27	0.24
10:28:11	15.00	3.27	0.22
10:28:21	14.99	3.27	0.22
10:28:31	14.98	3.27	0.24
10:28:41	15.00	3.27	0.24
10:28:51	15.00	3.27	0.25
10:29:01	15.00	3.26	0.25
10:29:11	14.99	3.26	0.25
10:29:21	14.99	3.26	0.25
10:29:31	15.01	3.25	0.24
10:29:41	15.01	3.25	0.24
10:29:51	15.01	3.25	0.25
10:30:01	14.99	3.26	0.24
10:30:11	14.99	3.26	0.24
10:30:21	14.98	3.26	0.24
10:30:31	15.00	3.26	0.24
10:30:41	15.00	3.26	0.25
10:30:51	15.00	3.26	0.25
10:31:01	15.00	3.26	0.24
10:31:11	15.00	3.27	0.24
10:31:21	14.99	3.27	0.23
10:31:31	14.99	3.25	0.23
10:31:41	14.99	3.25	0.24
10:31:51	15.00	3.25	0.24
10:32:01	15.00	3.24	0.24
10:32:11	14.99	3.25	0.25
10:32:21	14.98	3.26	0.25
10:32:31	14.97	3.26	0.25
10:32:41	14.95	3.28	0.25
10:32:51	14.94	3.28	0.25

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:33:01	14.93	3.29	0.25
10:33:11	14.92	3.29	0.25
10:33:21	14.90	3.31	0.24
10:33:31	14.90	3.30	0.24
10:33:41	14.89	3.31	0.25
10:33:51	14.90	3.30	0.24
10:34:01	14.90	3.30	0.25
10:34:11	14.90	3.30	0.25
10:34:21	14.90	3.30	0.24
10:34:31	14.90	3.30	0.24
10:34:41	14.91	3.30	0.25
10:34:51	14.90	3.30	0.26
10:35:01	14.92	3.29	0.26
10:35:11	14.92	3.29	0.26
10:35:21	14.92	3.29	0.26
10:35:31	14.91	3.29	0.26
10:35:41	14.91	3.29	0.27
10:35:51	14.91	3.29	0.26
10:36:01	14.92	3.29	0.26
10:36:11	14.92	3.29	0.26
10:36:21	14.91	3.30	0.26
10:36:31	14.92	3.29	0.25
10:36:41	14.92	3.29	0.26
10:36:51	14.92	3.29	0.26
10:37:01	14.93	3.29	0.25
10:37:11	14.92	3.29	0.25
10:37:21	14.92	3.29	0.25
10:37:31	14.91	3.30	0.25
10:37:41	14.92	3.29	0.24
10:37:51	14.93	3.28	0.24
10:38:01	14.93	3.29	0.24
10:38:11	14.92	3.30	0.25
10:38:21	14.91	3.30	0.25
10:38:31	14.92	3.29	0.25
10:38:41	14.92	3.29	0.25
10:38:51	14.91	3.30	0.26
10:39:01	14.91	3.30	0.27
10:39:11	14.91	3.30	0.27
10:39:21	14.89	3.31	0.25
10:39:31	14.89	3.31	0.24
10:39:41	14.88	3.31	0.24
10:39:51	14.86	3.32	0.25
10:40:01	14.85	3.32	0.25
10:40:11	14.83	3.33	0.26
10:40:21	14.82	3.34	0.25
10:40:31	14.81	3.35	0.25
10:40:41	14.81	3.34	0.25
10:40:51	14.82	3.34	0.25
10:41:01	14.83	3.33	0.24
10:41:11	14.84	3.33	0.24
10:41:21	14.85	3.33	0.23
10:41:31	14.86	3.31	0.23

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:41:41	14.86	3.31	0.26
10:41:51	14.87	3.30	0.25
10:42:01	14.87	3.30	0.25
10:42:11	14.87	3.30	0.24
10:42:21	14.89	3.29	0.24
10:42:31	14.89	3.29	0.24
10:42:41	14.88	3.30	0.24
10:42:51	14.87	3.30	0.24
10:43:01	14.82	3.33	0.23
10:43:11	14.78	3.36	0.23
10:43:21	14.73	3.40	0.24
10:43:31	14.67	3.44	0.26
10:43:41	14.60	3.48	0.26
10:43:51	14.53	3.53	0.27
10:44:01	14.41	3.59	0.27
10:44:11	14.28	3.66	0.29
10:44:21	14.13	3.74	0.29
10:44:31	14.02	3.81	0.30
10:44:41	13.92	3.86	0.31
10:44:51	13.84	3.90	0.32
10:45:01	13.76	3.95	0.34
10:45:11	13.69	3.98	0.35
10:45:21	13.64	4.01	0.36
10:45:31	13.59	4.04	0.34
10:45:41	13.57	4.05	0.34
10:45:51	13.56	4.05	0.34
10:46:01	13.56	4.06	0.34
10:46:11	13.54	4.07	0.34
10:46:21	13.52	4.08	0.33
10:46:31	13.52	4.07	0.33
10:46:41	13.51	4.08	0.32
10:46:51	13.51	4.08	0.32
10:47:01	13.51	4.08	0.32
10:47:11	13.50	4.09	0.31
10:47:21	13.48	4.09	0.31
10:47:31	13.49	4.09	0.32
10:47:41	13.48	4.09	0.33
10:47:51	13.47	4.10	0.33
10:48:01	13.47	4.09	0.32
10:48:11	13.49	4.08	0.31
10:48:21	13.50	4.07	0.37
10:48:31	13.54	4.05	0.67
10:48:41	13.60	4.01	0.52
10:48:51	13.78	3.92	0.54
10:49:01	14.06	3.78	0.73
10:49:11	14.34	3.65	0.61
10:49:21	14.62	3.51	0.55
10:49:31	14.84	3.41	0.48
10:49:41	14.98	3.35	0.51
10:49:51	15.06	3.33	0.56
10:50:01	15.07	3.34	0.45
10:50:11	15.07	3.36	0.51

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:50:21	15.05	3.39	0.53
10:50:31	15.04	3.41	0.44
10:50:41	15.08	3.40	0.43
10:50:51	15.14	3.38	0.40
10:51:01	15.16	3.39	0.41
10:51:11	15.15	3.42	0.44
10:51:21	15.11	3.48	0.50
10:51:31	15.06	3.52	0.57
10:51:41	15.01	3.58	0.60
10:51:51	14.99	3.59	0.58
10:52:01	14.98	3.61	0.58
10:52:11	14.94	3.64	0.61
10:52:21	14.88	3.68	0.65
10:52:31	14.83	3.72	0.68
10:52:41	14.79	3.75	0.66
10:52:51	14.73	3.78	0.78
10:53:01	14.72	3.79	0.73
10:53:11	14.72	3.79	0.62
10:53:21	14.71	3.79	0.60
10:53:31	14.74	3.77	0.72
10:53:41	14.77	3.75	1.06
10:53:51	14.81	3.73	0.84
10:54:01	14.84	3.70	0.62
10:54:11	14.89	3.67	0.70
10:54:21	14.92	3.65	0.70
10:54:31	14.95	3.62	0.62
10:54:41	14.96	3.63	0.51
10:54:51	14.99	3.61	0.53
10:55:01	15.01	3.60	0.49
10:55:11	15.04	3.58	0.41
10:55:21	15.09	3.55	0.44
10:55:31	15.14	3.52	0.41
10:55:41	15.19	3.49	0.40
10:55:51	15.23	3.47	0.38
10:56:01	15.26	3.45	0.35
10:56:11	15.29	3.44	0.32
10:56:21	15.32	3.42	0.31
10:56:31	15.35	3.40	0.31
10:56:41	15.38	3.37	0.30
10:56:51	15.42	3.35	0.29
10:57:01	15.45	3.32	0.28
10:57:11	15.49	3.29	0.29
10:57:21	15.53	3.27	0.32
10:57:31	15.57	3.24	0.28
10:57:41	15.61	3.21	0.28
10:57:51	15.64	3.19	0.30
10:58:01	15.67	3.17	0.31
10:58:11	15.71	3.14	0.31
10:58:21	15.73	3.13	0.29
10:58:31	15.73	3.12	0.36
10:58:41	15.75	3.11	0.32
10:58:51	15.76	3.10	0.27



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:59:01	15.76	3.10	0.31
10:59:11	15.77	3.08	0.33
10:59:21	15.77	3.09	0.40
10:59:31	15.79	3.07	0.30
10:59:41	15.81	3.06	0.29
10:59:51	15.80	3.06	0.27
11:00:01	15.80	3.05	0.28
11:00:11	15.81	3.05	0.29
11:00:21	15.81	3.05	0.27
11:00:31	15.82	3.05	0.27
11:00:41	15.81	3.06	0.27
11:00:51	15.79	3.07	0.31
11:01:01	15.75	3.11	0.31
11:01:11	15.69	3.16	0.30
11:01:21	15.62	3.21	0.30
11:01:31	15.56	3.25	0.37
11:01:41	15.51	3.29	0.37
11:01:51	15.47	3.31	0.35
11:02:01	15.43	3.34	0.30
11:02:11	15.41	3.36	0.28
11:02:21	15.40	3.38	0.28
11:02:31	15.44	3.35	0.35
11:02:41	15.54	3.29	0.35
11:02:51	15.67	3.23	0.31
11:03:01	15.78	3.17	0.30
11:03:11	15.87	3.12	0.37
11:03:21	15.95	3.08	0.35
11:03:31	16.01	3.06	0.32
11:03:41	16.03	3.06	0.31
11:03:51	16.03	3.07	0.29
11:04:01	16.02	3.09	0.28
11:04:11	15.99	3.11	0.28
11:04:21	15.96	3.14	0.28
11:04:31	15.92	3.18	0.28
11:04:41	15.87	3.21	0.30
11:04:51	15.85	3.22	0.31
11:05:01	15.83	3.24	0.30
11:05:11	15.81	3.25	0.31
11:05:21	15.80	3.26	0.31
11:05:31	15.79	3.27	0.31
11:05:41	15.78	3.27	0.31
11:05:51	15.77	3.28	0.30
11:06:01	15.76	3.28	0.29
11:06:11	15.76	3.28	0.30
11:06:21	15.76	3.28	0.29
11:06:31	15.76	3.28	0.29
11:06:41	15.76	3.28	0.28
11:06:51	15.74	3.30	0.28
11:07:01	15.75	3.29	0.29
11:07:11	15.73	3.31	0.29
11:07:21	15.72	3.32	0.29
11:07:31	15.70	3.33	0.30

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:07:41	15.71	3.32	0.31
11:07:51	15.69	3.33	0.34
11:08:01	15.69	3.33	0.30
11:08:11	15.70	3.33	0.31
11:08:21	15.70	3.32	0.31
11:08:31	15.70	3.32	0.30
11:08:41	15.69	3.33	0.29
11:08:51	15.69	3.33	0.27
11:09:01	15.68	3.33	0.26
11:09:11	15.67	3.34	0.27
11:09:21	15.67	3.35	0.27
11:09:31	15.66	3.35	0.27
11:09:41	15.65	3.36	0.27
11:09:51	15.62	3.38	0.28
11:10:01	15.61	3.38	0.27
11:10:11	15.59	3.39	0.28
11:10:21	15.57	3.40	0.27
11:10:31	15.56	3.41	0.28
11:10:41	15.54	3.42	0.29
11:10:51	15.53	3.43	0.28
11:11:01	15.51	3.44	0.29
11:11:11	15.49	3.45	0.29
11:11:21	15.48	3.46	0.30
11:11:31	15.47	3.47	0.30
11:11:41	15.46	3.48	0.30
11:11:51	15.45	3.47	0.31
11:12:01	15.46	3.46	0.31
11:12:11	15.47	3.46	0.30
11:12:21	15.47	3.46	0.29
11:12:31	15.48	3.45	0.30
11:12:41	15.50	3.44	0.30
11:12:51	15.49	3.45	0.29
11:13:01	15.48	3.45	0.29
11:13:11	15.48	3.45	0.29
11:13:21	15.48	3.45	0.28
11:13:31	15.48	3.45	0.28
11:13:41	15.48	3.45	0.29
11:13:51	15.49	3.45	0.28
11:14:01	15.48	3.46	0.28
11:14:11	15.48	3.45	0.27
11:14:21	15.48	3.45	0.27
11:14:31	15.47	3.46	0.27
11:14:41	15.40	3.50	0.27
11:14:51	15.24	3.60	0.27
11:15:01	15.05	3.71	0.27
11:15:11	14.85	3.82	0.25
11:15:21	14.64	3.93	0.25
11:15:31	14.48	4.02	0.27
11:15:41	14.33	4.11	0.28
11:15:51	14.19	4.18	0.29
11:16:01	14.09	4.24	0.30
11:16:11	14.00	4.29	0.30

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:16:21	13.93	4.33	0.31
11:16:31	13.86	4.36	0.30
11:16:41	13.81	4.39	0.31
11:16:51	13.77	4.41	0.32
11:17:01	13.74	4.43	0.32
11:17:11	13.71	4.45	0.33
11:17:21	13.70	4.45	0.34
11:17:31	13.67	4.47	0.34
11:17:41	13.65	4.48	0.34
11:17:51	13.63	4.50	0.33
11:18:01	13.60	4.51	0.32
11:18:11	13.59	4.52	0.31
11:18:21	13.59	4.52	0.31
11:18:31	13.55	4.56	0.31
11:18:41	13.52	4.58	0.31
11:18:51	13.47	4.61	0.31
11:19:01	13.45	4.63	0.31
11:19:11	13.44	4.64	0.31
11:19:21	13.43	4.65	0.31
11:19:31	13.43	4.65	0.30
11:19:41	13.41	4.66	0.29
11:19:51	13.38	4.68	0.29
11:20:01	13.34	4.70	0.31
11:20:11	13.34	4.70	0.29
11:20:21	13.35	4.69	0.28
11:20:31	13.34	4.71	0.28
11:20:41	13.34	4.71	0.29
11:20:51	13.34	4.71	0.28
11:21:01	13.35	4.70	0.27
11:21:11	13.33	4.72	0.27
11:21:21	13.30	4.75	0.27
11:21:31	13.27	4.77	0.27
11:21:41	13.23	4.81	0.25
11:21:51	13.19	4.85	0.24
11:22:01	13.16	4.87	0.25
11:22:11	13.15	4.88	0.24
11:22:21	13.13	4.89	0.24
11:22:31	13.14	4.85	0.74
11:22:41	3.52	0.22	0.12
11:22:51	0.16	0.10	0.09
11:23:01	0.09	0.07	0.07
11:23:11	0.07	0.07	0.06
11:23:21	0.06	0.06	0.06
11:23:31	0.06	0.06	0.03
11:23:41	0.05	0.05	0.03
11:23:51	0.05	0.05	0.04
11:24:01	5.54	2.89	2.75
11:24:11	18.32	0.15	7.87
11:24:21	20.44	0.05	8.31
11:24:31	20.50	0.04	8.38
11:24:41	20.52	0.03	8.41
11:24:51	20.54	0.03	8.44

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:25:01	20.54	0.03	8.44
11:25:11	20.55	0.03	8.45
11:25:21	20.56	0.03	8.46
11:25:31	20.55	0.03	8.17
11:25:41	18.80	2.37	1.62
11:25:51	13.15	5.07	0.41
11:26:01	12.70	5.16	0.35
11:26:11	12.61	5.23	0.32
11:26:21	12.52	5.29	0.30
11:26:31	12.44	5.33	0.28
11:26:41	12.36	5.38	0.27
11:26:51	12.30	5.39	0.26
11:27:01	12.24	5.45	0.26
11:27:11	12.18	5.48	0.25
11:27:21	12.13	5.53	0.25
11:27:31	12.08	5.57	0.25
11:27:41	12.05	5.60	0.24
11:27:51	12.01	5.64	0.24
11:28:01	11.99	5.66	0.25
11:28:11	11.96	5.69	0.24
11:28:21	11.94	5.71	0.24
11:28:31	11.92	5.72	0.24
11:28:41	11.93	5.72	0.24
11:28:51	11.91	5.74	0.24
11:29:01	11.90	5.75	0.24
11:29:11	11.88	5.77	0.23
11:29:21	11.86	5.80	0.24
11:29:31	11.87	5.78	0.24
11:29:41	11.86	5.78	0.24
11:29:51	11.83	5.82	0.24
11:30:01	11.80	5.83	0.23
11:30:11	11.78	5.84	0.24
11:30:21	11.80	5.83	0.24
11:30:31	11.79	5.85	0.23
11:30:41	11.82	5.83	0.24
11:30:51	11.82	5.84	0.24
11:31:01	11.86	5.80	0.24
11:31:11	11.93	5.76	0.24
11:31:21	11.99	5.72	0.24
11:31:31	12.06	5.67	0.24
11:31:41	12.13	5.63	0.23
11:31:51	12.19	5.59	0.25
11:32:01	12.25	5.53	0.24
11:32:11	12.28	5.52	0.24
11:32:21	12.32	5.51	0.24
11:32:31	12.32	5.52	0.23
11:32:41	12.33	5.51	0.24
11:32:51	12.32	5.54	0.25
11:33:01	12.32	5.53	0.23
11:33:11	12.35	5.51	0.23
11:33:21	12.36	5.50	0.23
11:33:31	12.38	5.48	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:33:41	12.41	5.47	0.24
11:33:51	12.43	5.47	0.24
11:34:01	12.41	5.49	0.24
11:34:11	12.38	5.51	0.24
11:34:21	12.40	5.49	0.24
11:34:31	12.40	5.50	0.24
11:34:41	12.41	5.49	0.24
11:34:51	12.42	5.49	0.24
11:35:01	12.43	5.48	0.24
11:35:11	12.45	5.47	0.24
11:35:21	12.45	5.47	0.24
11:35:31	12.44	5.48	0.24
11:35:41	12.43	5.48	0.24
11:35:51	12.41	5.50	0.24
11:36:01	12.37	5.53	0.24
11:36:11	12.32	5.56	0.24
11:36:21	12.28	5.60	0.23
11:36:31	12.19	5.66	0.23
11:36:41	12.08	5.74	0.23
11:36:51	11.95	5.82	0.23
11:37:01	11.82	5.92	0.23
11:37:11	11.65	6.02	0.24
11:37:21	11.48	6.13	0.23
11:37:31	11.34	6.22	0.22
11:37:41	11.20	6.30	0.23
11:37:51	11.08	6.37	0.24
11:38:01	10.98	6.43	0.25
11:38:11	10.92	6.47	0.25
11:38:21	10.91	6.47	0.24
11:38:31	10.88	6.49	0.24
11:38:41	10.90	6.47	0.24
11:38:51	10.92	6.45	0.25
11:39:01	10.93	6.44	0.24
11:39:11	10.95	6.43	0.24
11:39:21	10.99	6.40	0.24
11:39:31	11.05	6.35	0.24
11:39:41	11.08	6.32	0.24
11:39:51	11.08	6.32	0.23
11:40:01	11.08	6.31	0.24
11:40:11	11.08	6.32	0.24
11:40:21	11.08	6.32	0.24
11:40:31	11.09	6.32	0.24
11:40:41	11.08	6.32	0.24
11:40:51	11.09	6.31	0.23
11:41:01	11.08	6.32	0.24
11:41:11	11.09	6.31	0.24
11:41:21	11.10	6.31	0.25
11:41:31	11.11	6.30	0.25
11:41:41	11.10	6.31	0.25
11:41:51	11.09	6.32	0.25
11:42:01	11.11	6.29	0.24
11:42:11	11.13	6.28	0.26

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:42:21	11.16	6.26	0.26
11:42:31	11.19	6.24	0.25
11:42:41	11.20	6.23	0.25
11:42:51	11.22	6.22	0.25
11:43:01	11.24	6.21	0.25
11:43:11	11.26	6.20	0.25
11:43:21	11.28	6.18	0.24
11:43:31	11.32	6.15	0.24
11:43:41	11.36	6.13	0.24
11:43:51	11.42	6.09	0.23
11:44:01	11.50	6.02	0.23
11:44:11	11.71	5.87	0.25
11:44:21	12.04	5.64	0.24
11:44:31	12.45	5.40	0.25
11:44:41	12.79	5.22	0.24
11:44:51	13.11	5.06	0.24
11:45:01	13.33	4.95	0.22
11:45:11	13.52	4.85	0.23
11:45:21	13.64	4.78	0.23
11:45:31	13.72	4.75	0.23
11:45:41	13.79	4.70	0.24
11:45:51	13.82	4.69	0.24
11:46:01	13.85	4.67	0.24
11:46:11	13.89	4.64	0.24
11:46:21	13.90	4.65	0.24
11:46:31	13.86	4.68	0.24
11:46:41	13.86	4.68	0.24
11:46:51	13.83	4.69	0.24
11:47:01	13.81	4.71	0.24
11:47:11	13.78	4.73	0.24
11:47:21	13.76	4.74	0.24
11:47:31	13.75	4.75	0.24
11:47:41	13.73	4.76	0.24
11:47:51	13.73	4.76	0.24
11:48:01	13.74	4.76	0.23
11:48:11	13.75	4.75	0.22
11:48:21	13.75	4.75	0.24
11:48:31	13.74	4.76	0.25
11:48:41	13.75	4.75	0.24
11:48:51	13.75	4.75	0.24
11:49:01	13.77	4.74	0.24
11:49:11	13.78	4.74	0.24
11:49:21	13.77	4.75	0.23
11:49:31	13.79	4.73	0.24
11:49:41	13.79	4.73	0.24
11:49:51	13.77	4.74	0.24
11:50:01	13.74	4.75	0.24
11:50:11	13.73	4.76	0.24
11:50:21	13.73	4.76	0.24
11:50:31	13.70	4.77	0.24
11:50:41	13.69	4.79	0.24
11:50:51	13.67	4.80	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:51:01	13.59	4.86	0.23
11:51:11	13.45	4.94	0.24
11:51:21	13.27	5.04	0.24
11:51:31	13.07	5.15	0.24
11:51:41	12.91	5.24	0.24
11:51:51	12.80	5.29	0.24
11:52:01	12.69	5.36	0.24
11:52:11	12.61	5.40	0.24
11:52:21	12.57	5.43	0.24
11:52:31	12.53	5.44	0.24
11:52:41	12.53	5.45	0.23
11:52:51	12.52	5.44	0.24
11:53:01	12.47	5.53	0.23
11:53:11	12.09	5.78	0.21
11:53:21	12.03	5.81	0.21
11:53:31	12.03	5.81	0.21
11:53:41	11.98	5.87	0.21
11:53:51	11.86	5.95	0.21
11:54:01	11.77	6.02	0.22
11:54:11	11.68	6.08	0.22
11:54:21	11.65	6.11	0.21
11:54:31	11.88	5.70	0.28
11:54:41	13.55	4.73	0.29
11:54:51	13.07	5.22	0.26
11:55:01	12.41	5.63	0.23
11:55:11	11.93	5.96	0.22
11:55:21	11.84	5.99	0.22
11:55:31	11.87	5.96	0.22
11:55:41	11.91	5.94	0.21
11:55:51	11.92	5.94	0.21
11:56:01	11.93	5.93	0.21
11:56:11	11.92	5.93	0.21
11:56:21	11.94	5.91	0.23
11:56:31	11.99	5.83	0.25
11:56:41	12.65	5.29	0.26
11:56:51	12.66	5.43	0.25
11:57:01	12.59	5.44	0.24
11:57:11	12.39	5.61	0.22
11:57:21	12.29	5.66	0.22
11:57:31	12.29	5.66	0.21
11:57:41	12.29	5.66	0.22
11:57:51	12.29	5.66	0.22
11:58:01	12.29	5.66	0.22
11:58:11	12.30	5.66	0.22
11:58:21	12.29	5.67	0.23
11:58:31	12.23	5.67	0.21
11:58:41	12.27	5.62	0.22
11:58:51	12.32	5.61	0.23
11:59:01	12.34	5.61	0.23
11:59:11	12.37	5.57	0.23
11:59:21	12.44	5.53	0.22
11:59:31	12.52	5.47	0.23

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:59:41	12.58	5.43	0.23
11:59:51	12.61	5.41	0.22
12:00:01	12.66	5.38	0.23
12:00:11	12.68	5.36	0.22
12:00:21	12.71	5.35	0.22
12:00:31	12.74	5.33	0.23
12:00:41	12.76	5.32	0.23
12:00:51	12.77	5.32	0.22
12:01:01	12.78	5.31	0.22
12:01:11	12.79	5.31	0.21
12:01:21	12.79	5.31	0.20
12:01:31	12.75	5.34	0.20
12:01:41	12.71	5.36	0.20
12:01:51	12.66	5.39	0.21
12:02:01	12.62	5.40	0.20
12:02:11	12.63	5.39	0.20
12:02:21	12.66	5.37	0.19
12:02:31	12.69	5.35	0.20
12:02:41	12.78	5.29	0.20
12:02:51	12.84	5.27	0.20
12:03:01	12.79	5.31	0.21
12:03:11	12.69	5.38	0.20
12:03:21	12.56	5.46	0.21
12:03:31	12.47	5.51	0.20
12:03:41	12.44	5.52	0.20
12:03:51	12.45	5.51	0.20
12:04:01	12.51	5.45	0.20
12:04:11	12.63	5.38	0.20
12:04:21	12.69	5.36	0.20
12:04:31	12.65	5.39	0.21
12:04:41	12.59	5.44	0.20
12:04:51	12.50	5.48	0.20
12:05:01	12.46	5.50	0.20
12:05:11	12.46	5.50	0.20
12:05:21	12.47	5.49	0.20
12:05:31	12.55	5.43	0.21
12:05:41	12.64	5.37	0.21
12:05:51	12.66	5.38	0.20
12:06:01	12.59	5.43	0.20
12:06:11	12.50	5.50	0.20
12:06:21	12.41	5.54	0.21
12:06:31	12.40	5.55	0.20
12:06:41	12.39	5.55	0.21
12:06:51	12.42	5.51	0.21
12:07:01	12.50	5.45	0.22
12:07:11	12.59	5.40	0.22
12:07:21	12.60	5.41	0.22
12:07:31	12.58	5.43	0.22
12:07:41	12.53	5.46	0.22
12:07:51	12.50	5.48	0.24
12:08:01	12.47	5.49	0.24
12:08:11	12.43	5.51	0.23



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:08:21	12.41	5.52	0.20
12:08:31	12.40	5.52	0.20
12:08:41	12.39	5.52	0.20
12:08:51	12.38	5.53	0.20
12:09:01	12.37	5.54	0.21
12:09:11	12.37	5.53	0.20
12:09:21	12.41	5.48	0.20
12:09:31	12.47	5.44	0.20
12:09:41	12.52	5.41	0.20
12:09:51	12.57	5.37	0.20
12:10:01	12.61	5.33	0.19
12:10:11	12.67	5.30	0.20
12:10:21	12.71	5.27	0.20
12:10:31	12.76	5.24	0.20
12:10:41	12.82	5.18	0.20
12:10:51	12.89	5.14	0.20
12:11:01	12.96	5.09	0.21
12:11:11	13.00	5.06	0.20
12:11:21	13.03	5.04	0.20
12:11:31	13.05	5.03	0.19
12:11:41	13.06	5.01	0.20
12:11:51	13.07	5.01	0.21
12:12:01	13.08	5.00	0.21
12:12:11	13.09	4.99	0.21
12:12:21	13.09	4.99	0.20
12:12:31	13.09	4.98	0.20
12:12:41	13.09	4.99	0.20
12:12:51	13.11	4.97	0.22
12:13:01	13.10	4.97	0.22
12:13:11	13.09	4.98	0.22
12:13:21	13.10	4.97	0.23
12:13:31	13.10	4.97	0.22
12:13:41	13.13	4.96	0.22
12:13:51	13.13	4.95	0.23
12:14:01	13.14	4.95	0.23
12:14:11	13.19	4.91	0.23
12:14:21	13.32	4.83	0.23
12:14:31	13.50	4.73	0.24
12:14:41	13.67	4.64	0.24
12:14:51	13.84	4.54	0.25
12:15:01	13.95	4.48	0.26
12:15:11	14.04	4.43	0.26
12:15:21	14.13	4.38	0.26
12:15:31	14.19	4.35	0.26
12:15:41	14.23	4.33	0.25
12:15:51	14.25	4.32	0.25
12:16:01	14.27	4.31	0.26
12:16:11	14.26	4.33	0.25
12:16:21	14.23	4.35	0.25
12:16:31	14.18	4.38	0.25
12:16:41	14.12	4.42	0.25
12:16:51	14.03	4.49	0.25

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:17:01	13.97	4.53	0.25
12:17:11	13.91	4.58	0.24
12:17:21	13.88	4.60	0.24
12:17:31	13.89	4.59	0.25
12:17:41	13.91	4.58	0.24
12:17:51	13.96	4.54	0.23
12:18:01	14.03	4.49	0.23
12:18:11	14.05	4.48	0.24
12:18:21	14.00	4.53	0.24
12:18:31	13.95	4.56	0.24
12:18:41	13.86	4.63	0.25
12:18:51	13.79	4.69	0.24
12:19:01	13.74	4.71	0.23
12:19:11	13.74	4.71	0.22
12:19:21	13.79	4.67	0.23
12:19:31	13.90	4.59	0.23
12:19:41	13.96	4.56	0.24
12:19:51	13.94	4.58	0.26
12:20:01	13.89	4.63	0.25
12:20:11	13.78	4.70	0.24
12:20:21	13.67	4.77	0.24
12:20:31	13.51	4.86	0.24
12:20:41	13.36	4.94	0.24
12:20:51	13.27	4.97	0.24
12:21:01	13.23	4.97	0.24
12:21:11	13.14	5.03	0.24
12:21:21	13.00	5.12	0.24
12:21:31	12.83	5.22	0.22
12:21:41	12.68	5.30	0.22
12:21:51	12.58	5.36	0.22
12:22:01	12.52	5.38	0.23
12:22:11	12.52	5.39	0.23
12:22:21	12.62	5.32	0.23
12:22:31	12.74	5.24	0.22
12:22:41	12.76	5.26	0.22
12:22:51	12.71	5.30	0.22
12:23:01	12.61	5.36	0.21
12:23:11	12.53	5.42	0.21
12:23:21	12.47	5.44	0.20
12:23:31	12.48	5.43	0.20
12:23:41	12.52	5.39	0.20
12:23:51	12.65	5.31	0.20
12:24:01	12.77	5.24	0.20
12:24:11	12.79	5.24	0.20
12:24:21	12.73	5.28	0.20
12:24:31	12.66	5.33	0.20
12:24:41	12.58	5.37	0.20
12:24:51	12.54	5.39	0.20
12:25:01	12.54	5.39	0.21
12:25:11	12.59	5.35	0.23
12:25:21	12.73	5.26	0.23
12:25:31	12.83	5.20	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:25:41	12.87	5.20	0.21
12:25:51	12.79	5.26	0.21
12:26:01	12.67	5.34	0.22
12:26:11	12.56	5.40	0.23
12:26:21	12.47	5.45	0.22
12:26:31	12.47	5.43	0.23
12:26:41	12.53	5.39	0.23
12:26:51	12.69	5.28	0.24
12:27:01	12.85	5.19	0.24
12:27:11	12.89	5.17	0.24
12:27:21	12.83	5.22	0.23
12:27:31	12.70	5.32	0.22
12:27:41	12.56	5.40	0.22
12:27:51	12.46	5.45	0.20
12:28:01	12.42	5.46	0.21
12:28:11	12.52	5.38	0.21
12:28:21	12.68	5.28	0.21
12:28:31	12.84	5.19	0.21
12:28:41	12.87	5.19	0.20
12:28:51	12.82	5.23	0.20
12:29:01	12.71	5.31	0.20
12:29:11	12.61	5.36	0.20
12:29:21	12.54	5.38	0.20
12:29:31	12.57	5.35	0.20
12:29:41	12.65	5.29	0.20
12:29:51	12.80	5.18	0.20
12:30:01	12.91	5.13	0.21
12:30:11	12.94	5.12	0.22
12:30:21	12.88	5.17	0.21
12:30:31	12.80	5.23	0.22
12:30:41	12.72	5.27	0.22
12:30:51	12.68	5.28	0.22
12:31:01	12.68	5.29	0.22
12:31:11	12.65	5.30	0.21
12:31:21	12.63	5.30	0.20
12:31:31	12.59	5.34	0.20
12:31:41	12.56	5.35	0.18
12:31:51	12.52	5.36	0.19
12:32:01	12.55	5.33	0.18
12:32:11	12.67	5.25	0.17
12:32:21	12.85	5.13	0.19
12:32:31	13.01	5.04	0.20
12:32:41	13.06	5.03	0.21
12:32:51	13.00	5.08	0.21
12:33:01	12.89	5.15	0.20
12:33:11	12.79	5.22	0.20
12:33:21	12.73	5.24	0.20
12:33:31	12.77	5.20	0.21
12:33:41	12.90	5.11	0.22
12:33:51	13.05	5.01	0.20
12:34:01	13.12	4.99	0.20
12:34:11	13.07	5.04	0.20

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
12:34:21	12.96	5.11	0.20
12:34:31	12.85	5.19	0.20
12:34:41	12.75	5.23	0.20
12:34:51	12.78	5.20	0.19
12:35:01	12.86	5.14	0.20
12:35:11	13.03	5.03	0.19
12:35:21	13.13	4.98	0.20
12:35:31	13.13	5.00	0.21
12:35:41	13.02	5.07	0.20
12:35:51	12.92	5.13	0.20
12:36:01	12.85	5.16	0.19
12:36:11	12.87	5.14	0.19
12:36:21	12.96	5.07	0.20
12:36:31	13.12	4.96	0.20
12:36:41	13.21	4.91	0.20
12:36:51	13.21	4.93	0.21
12:37:01	13.12	5.00	0.20
12:37:11	13.02	5.06	0.20
12:37:21	12.93	5.11	0.18
12:37:31	12.94	5.09	0.19
12:37:41	13.01	5.03	0.20
12:37:51	13.18	4.91	0.20
12:38:01	13.31	4.85	0.20
12:38:11	13.30	4.88	0.20
12:38:21	13.23	4.93	0.22
12:38:31	13.10	5.02	0.21
12:38:41	13.00	5.08	0.20
12:38:51	12.91	5.12	0.20
12:39:01	12.95	5.08	0.20
12:39:11	13.06	5.00	0.20
12:39:21	13.20	4.90	0.20
12:39:31	13.30	4.85	0.21
12:39:41	13.29	4.88	0.21
12:39:51	13.18	4.95	0.22
12:40:01	13.05	5.03	0.21
<b>Cal Bias</b>			
12:40:11	12.93	5.10	0.20
12:40:21	12.94	5.07	0.41
12:40:31	9.10	1.10	0.24
12:40:41	1.08	0.16	0.08
12:40:51	0.12	0.07	0.07
12:41:01	0.08	0.05	0.07
12:41:11	0.06	0.05	0.06
12:41:21	0.06	0.04	0.06
12:41:31	0.05	0.04	0.04
12:41:41	0.05	0.04	0.03
12:41:51	0.04	0.03	0.02
<b>N2 Zero</b>	<b>0.05</b>	<b>0.04</b>	<b>0.03</b>
12:42:01	0.47	0.32	0.19
12:42:11	7.67	7.61	0.06
12:42:21	9.71	9.40	0.00
12:42:31	9.96	9.82	-0.01

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
12:42:41	9.97	9.86	-0.02
12:42:51	9.98	9.87	-0.02
12:43:01	9.98	9.88	-0.03
12:43:11	9.98	9.88	-0.03
12:43:21	9.98	9.89	-0.03
12:43:31	9.98	9.89	-0.04
<b>10.1/10.0 O2/CO2</b>	<b>9.98</b>	<b>9.89</b>	<b>-0.03</b>
12:43:41	9.99	9.88	0.15
12:43:51	12.28	5.92	1.65
12:44:01	18.76	1.03	7.31
12:44:11	20.23	0.26	8.23
12:44:21	20.50	0.11	8.36
12:44:31	20.52	0.08	8.40
12:44:41	20.53	0.06	8.43
12:44:51	20.54	0.06	8.44
12:45:01	20.54	0.05	8.45
12:45:11	20.54	0.05	8.44
12:45:21	20.54	0.04	8.08
12:45:31	17.00	3.86	1.52
12:45:41	13.89	4.60	0.38
12:45:51	13.01	5.09	0.32
12:46:01	12.85	5.14	0.30
12:46:11	12.83	5.15	0.26
12:46:21	12.81	5.16	0.25
12:46:31	12.77	5.18	0.23
12:46:41	12.78	5.18	0.19
12:46:51	12.73	5.21	0.20
12:47:01	12.70	5.23	0.20
12:47:11	12.68	5.24	0.19
12:47:21	12.76	5.18	0.19
12:47:31	12.87	5.10	0.19
12:47:41	13.06	4.98	0.20
12:47:51	13.18	4.92	0.20
12:48:01	13.22	4.91	0.20
12:48:11	13.19	4.94	0.20
12:48:21	13.13	4.97	0.20
12:48:31	13.08	5.01	0.20
12:48:41	13.01	5.05	0.20
12:48:51	12.94	5.10	0.20
12:49:01	12.85	5.15	0.20
12:49:11	12.78	5.20	0.20
12:49:21	12.71	5.25	0.21
12:49:31	12.65	5.28	0.21
12:49:41	12.60	5.31	0.20
12:49:51	12.53	5.34	0.20
12:50:01	12.49	5.37	0.19
12:50:11	12.51	5.34	0.19
12:50:21	12.59	5.30	0.19
12:50:31	12.72	5.21	0.19
12:50:41	12.88	5.12	0.20
12:50:51	12.95	5.10	0.20
12:51:01	12.91	5.14	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:51:11	12.81	5.21	0.20
12:51:21	12.70	5.28	0.20
12:51:31	12.63	5.31	0.19
12:51:41	12.67	5.29	0.20
12:51:51	12.78	5.21	0.20
12:52:01	12.92	5.13	0.19
12:52:11	12.97	5.11	0.20
12:52:21	12.95	5.15	0.20
12:52:31	12.85	5.21	0.20
12:52:41	12.76	5.26	0.20
12:52:51	12.70	5.28	0.19
12:53:01	12.74	5.24	0.20
12:53:11	12.84	5.17	0.19
12:53:21	12.96	5.09	0.19
12:53:31	13.00	5.08	0.20
12:53:41	12.92	5.15	0.20
12:53:51	12.81	5.22	0.19
12:54:01	12.71	5.28	0.19
12:54:11	12.71	5.27	0.19
12:54:21	12.75	5.24	0.20
12:54:31	12.84	5.18	0.20
12:54:41	12.86	5.19	0.19
12:54:51	12.81	5.22	0.17
12:55:01	12.72	5.28	0.17
12:55:11	12.71	5.28	0.17
12:55:21	12.74	5.25	0.17
12:55:31	12.83	5.19	0.18
12:55:41	12.89	5.16	0.18
12:55:51	12.86	5.20	0.17
12:56:01	12.77	5.26	0.17
12:56:11	12.71	5.28	0.19
12:56:21	12.72	5.27	0.17
12:56:31	12.78	5.22	0.19
12:56:41	12.87	5.17	0.18
12:56:51	12.85	5.20	0.20
12:57:01	12.77	5.26	0.20
12:57:11	12.68	5.31	0.20
12:57:21	12.68	5.30	0.20
12:57:31	12.75	5.24	0.20
12:57:41	12.84	5.17	0.20
12:57:51	12.88	5.17	0.20
12:58:01	12.82	5.22	0.19
12:58:11	12.74	5.27	0.19
12:58:21	12.70	5.28	0.19
12:58:31	12.72	5.27	0.20
12:58:41	12.82	5.20	0.21
12:58:51	12.91	5.15	0.20
12:59:01	12.90	5.17	0.21
12:59:11	12.79	5.24	0.20
12:59:21	12.67	5.31	0.20
12:59:31	12.60	5.35	0.20
12:59:41	12.56	5.35	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:59:51	12.61	5.31	0.20
13:00:01	12.76	5.21	0.20
13:00:11	12.88	5.14	0.20
13:00:21	12.89	5.16	0.20
13:00:31	12.84	5.20	0.20
13:00:41	12.73	5.27	0.20
13:00:51	12.66	5.31	0.20
13:01:01	12.60	5.34	0.21
13:01:11	12.60	5.33	0.20
13:01:21	12.68	5.27	0.21
13:01:31	12.82	5.17	0.21
13:01:41	12.91	5.13	0.20
13:01:51	12.90	5.16	0.21
13:02:01	12.83	5.21	0.21
13:02:11	12.69	5.30	0.19
13:02:21	12.60	5.35	0.19
13:02:31	12.56	5.37	0.18
13:02:41	12.58	5.34	0.19
13:02:51	12.65	5.29	0.19
13:03:01	12.79	5.19	0.20
13:03:11	12.86	5.18	0.20
13:03:21	12.84	5.20	0.20
13:03:31	12.78	5.24	0.19
13:03:41	12.73	5.27	0.18
13:03:51	12.64	5.34	0.18
13:04:01	12.59	5.35	0.18
13:04:11	12.51	5.40	0.18
13:04:21	12.48	5.40	0.16
13:04:31	12.47	5.39	0.17
13:04:41	12.56	5.34	0.17
13:04:51	12.66	5.26	0.19
13:05:01	12.81	5.18	0.19
13:05:11	12.91	5.12	0.21
13:05:21	12.90	5.14	0.21
13:05:31	12.83	5.20	0.20
13:05:41	12.70	5.28	0.20
13:05:51	12.62	5.33	0.19
13:06:01	12.56	5.35	0.18
13:06:11	12.61	5.31	0.20
13:06:21	12.70	5.24	0.19
13:06:31	12.84	5.16	0.20
13:06:41	12.93	5.12	0.20
13:06:51	12.90	5.14	0.22
13:07:01	12.82	5.22	0.21
13:07:11	12.68	5.29	0.20
13:07:21	12.61	5.33	0.20
13:07:31	12.59	5.33	0.20
13:07:41	12.64	5.29	0.20
13:07:51	12.75	5.21	0.20
13:08:01	12.87	5.15	0.20
13:08:11	12.91	5.13	0.21
13:08:21	12.85	5.19	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:08:31	12.75	5.24	0.20
13:08:41	12.67	5.29	0.19
13:08:51	12.63	5.30	0.19
13:09:01	12.68	5.26	0.19
13:09:11	12.80	5.18	0.18
13:09:21	12.91	5.11	0.19
13:09:31	12.94	5.11	0.19
13:09:41	12.83	5.20	0.20
13:09:51	12.72	5.26	0.20
13:10:01	12.63	5.30	0.19
13:10:11	12.64	5.29	0.19
13:10:21	12.70	5.24	0.19
13:10:31	12.84	5.14	0.19
13:10:41	12.91	5.12	0.20
13:10:51	12.89	5.14	0.20
13:11:01	12.80	5.21	0.20
13:11:11	12.72	5.26	0.20
13:11:21	12.65	5.28	0.20
13:11:31	12.69	5.25	0.19
13:11:41	12.78	5.17	0.19
13:11:51	12.90	5.10	0.20
13:12:01	12.97	5.08	0.20
13:12:11	12.97	5.09	0.20
13:12:21	12.90	5.14	0.20
13:12:31	12.79	5.21	0.20
13:12:41	12.68	5.28	0.20
13:12:51	12.58	5.32	0.20
13:13:01	12.56	5.34	0.20
13:13:11	12.56	5.33	0.20
13:13:21	12.62	5.28	0.20
13:13:31	12.76	5.19	0.20
13:13:41	12.89	5.11	0.20
13:13:51	12.93	5.12	0.18
13:14:01	12.88	5.16	0.20
13:14:11	12.81	5.21	0.18
13:14:21	12.75	5.24	0.20
13:14:31	12.70	5.26	0.21
13:14:41	12.65	5.29	0.20
13:14:51	12.60	5.32	0.20
13:15:01	12.59	5.33	0.20
13:15:11	12.54	5.35	0.19
13:15:21	12.51	5.37	0.19
13:15:31	12.50	5.38	0.19
13:15:41	12.50	5.38	0.19
13:15:51	12.49	5.38	0.19
<b>Start Run 1A</b>			
13:16:01	12.49	5.38	0.20
13:16:11	12.50	5.36	0.20
13:16:21	12.50	5.38	0.19
13:16:31	12.50	5.38	0.20
13:16:41	12.47	5.40	0.19
13:16:51	12.47	5.39	0.17



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:17:01	12.49	5.37	0.17
13:17:11	12.59	5.31	0.17
13:17:21	12.71	5.22	0.18
13:17:31	12.88	5.12	0.18
13:17:41	12.98	5.07	0.19
13:17:51	12.99	5.08	0.20
13:18:01	12.94	5.11	0.20
13:18:11	12.87	5.16	0.21
13:18:21	12.78	5.21	0.21
13:18:31	12.75	5.22	0.22
13:18:41	12.70	5.26	0.20
13:18:51	12.68	5.27	0.20
13:19:01	12.67	5.27	0.20
13:19:11	12.64	5.30	0.20
13:19:21	12.61	5.30	0.19
13:19:31	12.63	5.29	0.19
13:19:41	12.65	5.26	0.19
13:19:51	12.73	5.21	0.20
13:20:01	12.84	5.13	0.20
13:20:11	12.95	5.07	0.20
13:20:21	12.98	5.07	0.20
13:20:31	12.91	5.13	0.20
13:20:41	12.82	5.18	0.20
13:20:51	12.74	5.24	0.19
13:21:01	12.73	5.22	0.18
13:21:11	12.77	5.19	0.20
13:21:21	12.89	5.12	0.20
13:21:31	12.96	5.09	0.20
13:21:41	12.96	5.10	0.20
13:21:51	12.87	5.17	0.20
13:22:01	12.78	5.23	0.20
13:22:11	12.69	5.27	0.20
13:22:21	12.73	5.24	0.19
13:22:31	12.80	5.19	0.20
13:22:41	12.92	5.11	0.20
13:22:51	12.95	5.11	0.20
13:23:01	12.90	5.15	0.20
13:23:11	12.76	5.24	0.20
13:23:21	12.67	5.29	0.19
13:23:31	12.61	5.32	0.19
13:23:41	12.63	5.28	0.19
13:23:51	12.71	5.22	0.19
13:24:01	12.86	5.13	0.20
13:24:11	12.92	5.11	0.19
13:24:21	12.88	5.14	0.20
13:24:31	12.80	5.21	0.21
13:24:41	12.67	5.28	0.20
13:24:51	12.61	5.31	0.20
13:25:01	12.59	5.31	0.20
13:25:11	12.66	5.26	0.20
13:25:21	12.77	5.18	0.20
13:25:31	12.91	5.10	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:25:41	12.93	5.11	0.20
13:25:51	12.87	5.15	0.20
13:26:01	12.77	5.23	0.21
13:26:11	12.67	5.28	0.20
13:26:21	12.62	5.31	0.20
13:26:31	12.61	5.29	0.19
13:26:41	12.69	5.24	0.20
13:26:51	12.81	5.15	0.19
13:27:01	12.74	5.28	0.17
13:27:11	12.56	5.35	0.17
13:27:21	12.42	5.44	0.17
13:27:31	12.28	5.53	0.15
13:27:41	12.16	5.62	0.15
13:27:51	12.06	5.68	0.15
13:28:01	12.03	5.69	0.17
13:28:11	12.08	5.64	0.18
13:28:21	12.15	5.57	0.19
13:28:31	13.00	4.80	0.25
13:28:41	13.89	4.53	0.26
13:28:51	13.23	5.00	0.23
13:29:01	12.72	5.34	0.20
13:29:11	12.33	5.53	0.18
13:29:21	12.22	5.57	0.17
13:29:31	12.29	5.51	0.17
13:29:41	12.44	5.40	0.17
13:29:51	12.57	5.34	0.18
13:30:01	12.59	5.34	0.17
13:30:11	12.52	5.40	0.18
13:30:21	12.41	5.47	0.18
13:30:31	12.49	5.32	0.21
13:30:41	13.05	5.03	0.22
13:30:51	12.80	5.20	0.21
13:31:01	12.91	5.15	0.21
13:31:11	12.88	5.16	0.20
13:31:21	12.97	5.10	0.20
13:31:31	13.00	5.09	0.20
13:31:41	12.93	5.16	0.19
13:31:51	12.81	5.23	0.20
13:32:01	12.70	5.29	0.19
13:32:11	12.63	5.34	0.18
13:32:21	12.59	5.36	0.18
13:32:31	12.64	5.27	0.19
13:32:41	12.74	5.21	0.18
13:32:51	12.86	5.15	0.19
13:33:01	12.92	5.13	0.19
13:33:11	12.94	5.13	0.19
13:33:21	12.93	5.14	0.20
13:33:31	12.90	5.18	0.20
13:33:41	12.88	5.18	0.20
13:33:51	12.81	5.22	0.19
13:34:01	12.77	5.23	0.18
13:34:11	12.78	5.23	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:34:21	12.85	5.16	0.19
13:34:31	12.95	5.10	0.18
13:34:41	13.11	5.00	0.19
13:34:51	13.19	4.97	0.20
13:35:01	13.13	5.02	0.20
13:35:11	13.06	5.07	0.20
13:35:21	12.93	5.15	0.19
13:35:31	12.86	5.19	0.19
13:35:41	12.80	5.22	0.19
13:35:51	12.84	5.18	0.19
13:36:01	12.93	5.12	0.17
13:36:11	13.04	5.05	0.18
13:36:21	13.08	5.04	0.20
13:36:31	13.03	5.08	0.19
13:36:41	12.96	5.14	0.18
13:36:51	12.82	5.22	0.19
13:37:01	12.75	5.26	0.18
13:37:11	12.69	5.28	0.16
13:37:21	12.73	5.24	0.17
13:37:31	12.82	5.18	0.18
13:37:41	12.96	5.09	0.18
13:37:51	13.05	5.05	0.18
13:38:01	13.02	5.08	0.19
13:38:11	12.95	5.13	0.19
13:38:21	12.83	5.21	0.19
13:38:31	12.74	5.25	0.18
13:38:41	12.68	5.29	0.18
13:38:51	12.71	5.26	0.17
13:39:01	12.81	5.19	0.17
13:39:11	12.94	5.10	0.18
13:39:21	13.01	5.07	0.19
13:39:31	12.99	5.11	0.18
13:39:41	12.89	5.18	0.19
13:39:51	12.75	5.25	0.18
13:40:01	12.68	5.29	0.17
13:40:11	12.63	5.30	0.17
13:40:21	12.71	5.25	0.18
13:40:31	12.82	5.17	0.18
13:40:41	12.97	5.08	0.19
13:40:51	13.03	5.07	0.19
13:41:01	12.97	5.12	0.19
13:41:11	12.87	5.19	0.19
13:41:21	12.74	5.27	0.19
13:41:31	12.67	5.30	0.17
13:41:41	12.65	5.30	0.18
13:41:51	12.71	5.25	0.17
13:42:01	12.83	5.17	0.18
13:42:11	12.99	5.07	0.18
13:42:21	13.02	5.08	0.19
13:42:31	12.95	5.13	0.19
13:42:41	12.85	5.20	0.19
13:42:51	12.74	5.26	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:43:01	12.68	5.29	0.19
13:43:11	12.69	5.27	0.18
13:43:21	12.78	5.21	0.18
13:43:31	12.91	5.12	0.19
13:43:41	13.01	5.07	0.19
13:43:51	13.00	5.09	0.20
13:44:01	12.97	5.12	0.20
13:44:11	12.85	5.21	0.19
13:44:21	12.73	5.26	0.19
13:44:31	12.67	5.30	0.18
13:44:41	12.68	5.27	0.18
13:44:51	12.74	5.23	0.18
13:45:01	12.84	5.16	0.20
13:45:11	12.93	5.11	0.20
13:45:21	12.89	5.16	0.20
13:45:31	12.81	5.21	0.21
13:45:41	12.68	5.30	0.20
13:45:51	12.59	5.34	0.19
13:46:01	12.55	5.37	0.20
13:46:11	12.59	5.34	0.19
13:46:21	12.67	5.27	0.20
13:46:31	12.81	5.19	0.20
13:46:41	12.91	5.14	0.21
13:46:51	12.90	5.17	0.20
13:47:01	12.84	5.20	0.21
13:47:11	12.76	5.26	0.21
13:47:21	12.71	5.27	0.21
13:47:31	12.65	5.31	0.21
13:47:41	12.62	5.33	0.21
13:47:51	12.58	5.35	0.20
13:48:01	12.55	5.36	0.21
13:48:11	12.53	5.38	0.20
13:48:21	12.47	5.41	0.21
13:48:31	12.43	5.45	0.19
13:48:41	12.39	5.47	0.19
13:48:51	12.39	5.47	0.18
13:49:01	12.43	5.43	0.18
13:49:11	12.53	5.36	0.19
13:49:21	12.66	5.27	0.20
13:49:31	12.80	5.20	0.20
13:49:41	12.81	5.20	0.20
13:49:51	12.74	5.26	0.19
13:50:01	12.60	5.34	0.19
13:50:11	12.55	5.37	0.19
13:50:21	12.49	5.39	0.17
13:50:31	12.56	5.33	0.19
13:50:41	12.66	5.27	0.20
13:50:51	12.77	5.20	0.20
13:51:01	12.81	5.19	0.20
13:51:11	12.79	5.23	0.20
13:51:21	12.68	5.31	0.20
13:51:31	12.61	5.34	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:51:41	12.56	5.36	0.19
13:51:51	12.61	5.32	0.19
13:52:01	12.70	5.26	0.19
13:52:11	12.83	5.17	0.20
13:52:21	12.88	5.16	0.20
13:52:31	12.84	5.19	0.20
13:52:41	12.74	5.26	0.19
13:52:51	12.62	5.33	0.18
13:53:01	12.56	5.35	0.18
13:53:11	12.57	5.34	0.18
13:53:21	12.62	5.31	0.18
13:53:31	12.73	5.22	0.19
13:53:41	12.80	5.19	0.19
13:53:51	12.80	5.20	0.19
13:54:01	12.70	5.28	0.19
13:54:11	12.59	5.34	0.18
13:54:21	12.52	5.37	0.17
13:54:31	12.53	5.36	0.18
13:54:41	12.58	5.32	0.18
13:54:51	12.70	5.23	0.19
13:55:01	12.78	5.20	0.19
13:55:11	12.78	5.20	0.19
13:55:21	12.72	5.26	0.19
13:55:31	12.59	5.33	0.18
13:55:41	12.53	5.37	0.17
13:55:51	12.52	5.36	0.17
13:56:01	12.56	5.33	0.18
13:56:11	12.65	5.27	0.18
13:56:21	12.74	5.22	0.18
13:56:31	12.76	5.22	0.18
13:56:41	12.70	5.26	0.17
13:56:51	12.58	5.34	0.17
13:57:01	12.49	5.39	0.17
13:57:11	12.44	5.41	0.17
13:57:21	12.48	5.37	0.17
13:57:31	12.58	5.31	0.17
13:57:41	12.69	5.24	0.16
13:57:51	12.75	5.22	0.17
13:58:01	12.71	5.25	0.17
13:58:11	12.61	5.33	0.17
13:58:21	12.53	5.37	0.17
13:58:31	12.48	5.40	0.17
13:58:41	12.48	5.39	0.17
13:58:51	12.56	5.32	0.17
13:59:01	12.68	5.24	0.17
13:59:11	12.77	5.20	0.17
13:59:21	12.74	5.22	0.18
13:59:31	12.71	5.26	0.17
13:59:41	12.58	5.34	0.17
13:59:51	12.50	5.37	0.18
14:00:01	12.49	5.37	0.17
14:00:11	12.54	5.33	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:00:21	12.65	5.26	0.18
14:00:31	12.77	5.19	0.18
14:00:41	12.82	5.17	0.18
14:00:51	12.77	5.22	0.19
14:01:01	12.67	5.30	0.19
14:01:11	12.56	5.36	0.19
14:01:21	12.51	5.38	0.18
14:01:31	12.47	5.39	0.17
14:01:41	12.55	5.33	0.17
14:01:51	12.66	5.27	0.19
14:02:01	12.78	5.19	0.19
14:02:11	12.81	5.19	0.19
14:02:21	12.78	5.22	0.18
14:02:31	12.72	5.26	0.18
14:02:41	12.68	5.29	0.18
14:02:51	12.63	5.31	0.20
14:03:01	12.58	5.34	0.19
14:03:11	12.56	5.34	0.19
14:03:21	12.53	5.35	0.19
14:03:31	12.51	5.36	0.19
14:03:41	12.48	5.38	0.19
14:03:51	12.43	5.41	0.17
14:04:01	12.43	5.40	0.17
14:04:11	12.47	5.36	0.18
14:04:21	12.58	5.29	0.17
14:04:31	12.72	5.20	0.18
14:04:41	12.84	5.15	0.17
14:04:51	12.83	5.17	0.18
14:05:01	12.72	5.25	0.17
14:05:11	12.63	5.30	0.17
14:05:21	12.57	5.33	0.17
14:05:31	12.60	5.30	0.17
14:05:41	12.66	5.26	0.15
14:05:51	12.77	5.18	0.15
14:06:01	12.85	5.15	0.17
14:06:11	12.79	5.21	0.18
14:06:21	12.67	5.29	0.18
14:06:31	12.58	5.34	0.17
14:06:41	12.53	5.36	0.17
14:06:51	12.58	5.32	0.17
14:07:01	12.69	5.25	0.17
14:07:11	12.80	5.18	0.18
14:07:21	12.83	5.18	0.18
14:07:31	12.76	5.24	0.17
14:07:41	12.64	5.31	0.17
14:07:51	12.56	5.35	0.17
14:08:01	12.52	5.36	0.17
14:08:11	12.60	5.31	0.17
14:08:21	12.68	5.26	0.17
14:08:31	12.79	5.18	0.17
14:08:41	12.80	5.19	0.18
14:08:51	12.74	5.24	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:09:01	12.64	5.31	0.17
14:09:11	12.56	5.36	0.18
14:09:21	12.54	5.35	0.17
14:09:31	12.62	5.30	0.17
14:09:41	12.69	5.24	0.18
14:09:51	12.79	5.18	0.17
14:10:01	12.82	5.19	0.17
14:10:11	12.75	5.24	0.17
14:10:21	12.64	5.31	0.17
14:10:31	12.53	5.37	0.17
14:10:41	12.46	5.41	0.15
14:10:51	12.43	5.42	0.15
14:11:01	12.48	5.37	0.16
14:11:11	12.56	5.32	0.16
14:11:21	12.69	5.23	0.16
14:11:31	12.76	5.21	0.17
14:11:41	12.74	5.23	0.17
14:11:51	12.64	5.31	0.17
14:12:01	12.54	5.38	0.16
14:12:11	12.49	5.40	0.16
14:12:21	12.49	5.38	0.16
14:12:31	12.56	5.34	0.16
14:12:41	12.70	5.24	0.16
14:12:51	12.82	5.17	0.17
14:13:01	12.82	5.20	0.17
14:13:11	12.75	5.25	0.16
14:13:21	12.63	5.32	0.17
14:13:31	12.53	5.38	0.17
14:13:41	12.50	5.39	0.16
14:13:51	12.56	5.34	0.17
14:14:01	12.65	5.29	0.17
14:14:11	12.80	5.18	0.18
14:14:21	12.89	5.13	0.18
14:14:31	12.89	5.15	0.17
14:14:41	12.84	5.18	0.18
14:14:51	12.78	5.22	0.18
14:15:01	12.73	5.25	0.17
14:15:11	12.66	5.29	0.17
14:15:21	12.60	5.32	0.17
14:15:31	12.55	5.36	0.17
14:15:41	12.49	5.39	0.17
14:15:51	12.48	5.39	0.17
14:16:01	12.53	5.35	0.16
14:16:11	12.64	5.28	0.17
14:16:21	12.78	5.19	0.17
14:16:31	12.93	5.10	0.17
14:16:41	12.98	5.09	0.18
14:16:51	12.93	5.13	0.18
14:17:01	12.85	5.18	0.18
14:17:11	12.77	5.23	0.18
14:17:21	12.70	5.27	0.18
14:17:31	12.65	5.29	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:17:41	12.61	5.30	0.16
14:17:51	12.57	5.32	0.16
14:18:01	12.55	5.33	0.17
14:18:11	12.52	5.35	0.17
14:18:21	12.47	5.36	0.17
14:18:31	12.41	5.43	0.16
14:18:41	12.40	5.42	0.16
14:18:51	12.39	5.43	0.16
14:19:01	12.45	5.38	0.17
14:19:11	12.55	5.31	0.17
14:19:21	12.69	5.22	0.18
14:19:31	12.83	5.16	0.19
14:19:41	12.81	5.18	0.20
14:19:51	12.71	5.26	0.19
14:20:01	12.58	5.33	0.17
14:20:11	12.52	5.35	0.17
14:20:21	12.52	5.34	0.17
14:20:31	12.57	5.32	0.17
14:20:41	12.69	5.23	0.18
14:20:51	12.77	5.21	0.18
14:21:01	12.69	5.26	0.16
14:21:11	12.58	5.35	0.17
14:21:21	12.47	5.41	0.18
14:21:31	12.38	5.46	0.18
14:21:41	12.36	5.45	0.18
14:21:51	12.41	5.41	0.17
14:22:01	12.54	5.33	0.17
14:22:11	12.66	5.28	0.18
14:22:21	12.66	5.29	0.20
14:22:31	12.58	5.35	0.19
14:22:41	12.46	5.41	0.18
14:22:51	12.39	5.45	0.17
14:23:01	12.35	5.46	0.18
14:23:11	12.41	5.41	0.18
14:23:21	12.52	5.34	0.18
14:23:31	12.64	5.26	0.18
14:23:41	12.69	5.25	0.17
14:23:51	12.62	5.30	0.18
14:24:01	12.52	5.38	0.18
14:24:11	12.37	5.44	0.17
14:24:21	12.30	5.49	0.17
14:24:31	12.27	5.49	0.17
14:24:41	12.35	5.43	0.17
14:24:51	12.47	5.34	0.19
<b>End Run 1A</b>	<b>12.69</b>	<b>5.26</b>	
14:25:01	12.61	5.27	0.19
14:25:11	12.65	5.27	0.19
14:25:21	12.59	5.31	0.18
14:25:31	12.49	5.38	0.17
14:25:41	12.36	5.46	0.17
14:25:51	12.29	5.50	0.17
14:26:01	12.21	5.53	0.17



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
14:26:11	12.24	5.50	0.17
14:26:21	12.31	5.44	0.17
14:26:31	12.45	5.36	0.17
14:26:41	12.50	5.34	0.18
14:26:51	12.46	5.38	0.17
14:27:01	12.39	5.42	0.17
14:27:11	12.32	5.46	0.17
14:27:21	12.26	5.49	0.17
14:27:31	12.22	5.52	0.17
14:27:41	12.18	5.55	0.16
14:27:51	12.15	5.56	0.17
14:28:01	12.13	5.58	0.17
14:28:11	12.13	5.56	0.18
14:28:21	12.22	5.49	0.18
14:28:31	12.26	5.46	0.18
14:28:41	12.32	5.41	0.19
14:28:51	12.50	5.28	0.19
14:29:01	12.89	4.98	0.18
14:29:11	13.43	4.58	0.17
14:29:21	13.91	4.25	0.18
14:29:31	14.26	4.01	0.18
14:29:41	14.46	3.85	0.18
14:29:51	14.50	3.78	0.19
14:30:01	14.51	3.74	0.18
14:30:11	14.48	3.72	0.18
14:30:21	15.87	1.34	0.60
14:30:31	0.98	0.25	0.08
14:30:41	0.59	0.22	0.05
14:30:51	0.52	0.18	0.04
14:31:01	0.41	0.14	0.04
14:31:11	0.29	0.10	0.02
14:31:21	0.18	0.07	0.01
<b>Cal Bias</b>			
14:31:31	0.11	0.06	0.00
14:31:41	0.08	0.05	0.00
14:31:51	0.06	0.04	-0.01
14:32:01	0.05	0.04	-0.01
14:32:11	0.05	0.04	-0.01
<b>N2 Zero</b>	<b>0.05</b>	<b>0.04</b>	<b>-0.01</b>
14:32:21	3.00	1.41	0.22
14:32:31	8.85	8.81	0.03
14:32:41	9.65	9.49	-0.03
14:32:51	9.67	9.56	-0.03
14:33:01	9.71	9.61	-0.04
14:33:11	9.78	9.67	-0.04
14:33:21	9.84	9.74	-0.06
14:33:31	9.89	9.80	-0.05
14:33:41	9.92	9.83	-0.05
14:33:51	9.94	9.86	-0.05
14:34:01	9.96	9.87	-0.05
14:34:11	9.96	9.88	-0.05
<b>10.1/10.0 O2/CO2</b>	<b>9.95</b>	<b>9.87</b>	<b>-0.05</b>

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:34:21	10.08	9.30	0.24
14:34:31	13.50	4.22	0.31
14:34:41	13.70	4.10	0.26
14:34:51	13.71	4.08	0.22
14:35:01	13.71	4.06	0.22
14:35:11	13.72	4.02	0.20
14:35:21	13.80	3.96	0.19
14:35:31	13.96	3.85	0.18
14:35:41	14.12	3.74	0.18
14:35:51	14.25	3.67	0.17
14:36:01	14.34	3.61	0.17
14:36:11	14.40	3.58	0.16
14:36:21	14.45	3.55	0.16
14:36:31	14.47	3.53	0.16
14:36:41	14.51	3.51	0.15
14:36:51	14.51	3.51	0.15
14:37:01	14.51	3.51	0.14
14:37:11	14.52	3.51	0.16
14:37:21	14.52	3.50	0.15
14:37:31	14.55	3.49	0.15
14:37:41	14.56	3.48	0.15
14:37:51	14.58	3.47	0.14
14:38:01	14.58	3.46	0.14
14:38:11	14.57	3.48	0.14
14:38:21	14.57	3.48	0.15
14:38:31	14.55	3.48	0.14
14:38:41	14.55	3.48	0.14
14:38:51	14.56	3.48	0.15
14:39:01	14.56	3.48	0.15
14:39:11	14.56	3.49	0.14
14:39:21	14.56	3.48	0.14
14:39:31	14.57	3.48	0.14
14:39:41	14.56	3.48	0.15
14:39:51	14.55	3.49	0.14
14:40:01	14.53	3.50	0.15
14:40:11	14.53	3.50	0.15
14:40:21	14.52	3.51	0.15
14:40:31	14.52	3.51	0.15
14:40:41	14.52	3.51	0.14
14:40:51	14.52	3.51	0.13
14:41:01	14.52	3.51	0.14
14:41:11	14.53	3.51	0.15
14:41:21	14.54	3.51	0.17
14:41:31	14.53	3.51	0.15
14:41:41	14.51	3.52	0.15
14:41:51	14.51	3.52	0.15
14:42:01	14.51	3.52	0.17
14:42:11	14.51	3.52	0.17
14:42:21	14.51	3.52	0.16
14:42:31	14.51	3.52	0.16
14:42:41	14.52	3.51	0.15
14:42:51	14.53	3.51	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:43:01	14.53	3.50	0.17
14:43:11	14.53	3.51	0.17
14:43:21	14.53	3.51	0.17
14:43:31	14.53	3.51	0.15
14:43:41	14.54	3.51	0.15
14:43:51	14.54	3.50	0.14
14:44:01	14.53	3.51	0.14
14:44:11	14.53	3.51	0.14
14:44:21	14.53	3.51	0.14
14:44:31	14.51	3.52	0.14
14:44:41	14.50	3.53	0.14
14:44:51	14.50	3.53	0.15
14:45:01	14.50	3.52	0.15
14:45:11	14.52	3.51	0.15
14:45:21	14.53	3.51	0.15
14:45:31	14.54	3.50	0.16
14:45:41	14.55	3.50	0.16
14:45:51	14.55	3.50	0.17
14:46:01	14.55	3.49	0.17
14:46:11	14.55	3.49	0.17
14:46:21	14.55	3.49	0.17
14:46:31	14.56	3.49	0.16
14:46:41	14.56	3.49	0.17
14:46:51	14.57	3.48	0.17
14:47:01	14.55	3.49	0.17
14:47:11	14.53	3.50	0.16
14:47:21	14.52	3.50	0.16
14:47:31	14.51	3.51	0.17
14:47:41	14.49	3.52	0.17
14:47:51	14.47	3.53	0.17
14:48:01	14.46	3.53	0.17
14:48:11	14.44	3.55	0.17
14:48:21	14.41	3.57	0.18
14:48:31	14.38	3.58	0.17
14:48:41	14.36	3.60	0.17
14:48:51	14.34	3.60	0.17
14:49:01	14.32	3.61	0.17
14:49:11	14.31	3.62	0.17
14:49:21	14.29	3.62	0.18
14:49:31	14.31	3.61	0.18
14:49:41	14.30	3.62	0.17
14:49:51	14.27	3.63	0.17
14:50:01	14.26	3.63	0.18
14:50:11	14.26	3.63	0.17
14:50:21	14.26	3.63	0.17
14:50:31	14.26	3.63	0.18
14:50:41	14.25	3.65	0.17
14:50:51	14.26	3.65	0.18
14:51:01	14.27	3.65	0.17
14:51:11	14.26	3.65	0.17
14:51:21	14.28	3.64	0.17
14:51:31	14.28	3.64	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:51:41	14.28	3.64	0.17
14:51:51	14.27	3.64	0.17
14:52:01	14.27	3.64	0.17
14:52:11	14.27	3.64	0.17
14:52:21	14.27	3.64	0.17
14:52:31	14.28	3.63	0.17
14:52:41	14.28	3.63	0.18
14:52:51	14.29	3.63	0.18
14:53:01	14.29	3.62	0.18
14:53:11	14.28	3.63	0.17
14:53:21	14.27	3.64	0.17
14:53:31	14.27	3.65	0.17
14:53:41	14.28	3.65	0.17
14:53:51	14.26	3.66	0.18
14:54:01	14.25	3.66	0.17
14:54:11	14.27	3.65	0.17
14:54:21	14.28	3.64	0.17
14:54:31	14.29	3.63	0.17
14:54:41	14.29	3.64	0.17
14:54:51	14.29	3.64	0.17
14:55:01	14.29	3.63	0.17
14:55:11	14.28	3.63	0.16
14:55:21	14.29	3.63	0.16
14:55:31	14.29	3.63	0.16
14:55:41	14.30	3.63	0.16
14:55:51	14.31	3.62	0.16
14:56:01	14.30	3.62	0.16
14:56:11	14.32	3.62	0.14
14:56:21	14.31	3.62	0.16
14:56:31	14.32	3.61	0.17
14:56:41	14.33	3.61	0.16
14:56:51	14.33	3.61	0.17
14:57:01	14.34	3.60	0.16
14:57:11	14.34	3.60	0.16
14:57:21	14.34	3.61	0.15
14:57:31	14.33	3.61	0.16
14:57:41	14.34	3.61	0.16
14:57:51	14.36	3.60	0.17
14:58:01	14.37	3.59	0.17
14:58:11	14.38	3.57	0.17
14:58:21	14.38	3.57	0.17
14:58:31	14.37	3.57	0.17
14:58:41	14.37	3.57	0.17
14:58:51	14.38	3.57	0.15
14:59:01	14.38	3.56	0.15
14:59:11	14.38	3.57	0.17
14:59:21	14.40	3.56	0.17
14:59:31	14.40	3.56	0.17
14:59:41	14.39	3.56	0.16
14:59:51	14.38	3.57	0.16
15:00:01	14.39	3.56	0.17
15:00:11	14.38	3.57	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:00:21	14.40	3.56	0.17
15:00:31	14.44	3.53	0.17
15:00:41	14.48	3.50	0.16
15:00:51	14.52	3.48	0.16
15:01:01	14.56	3.46	0.17
15:01:11	14.61	3.43	0.17
15:01:21	14.70	3.38	0.16
15:01:31	14.81	3.31	0.14
15:01:41	14.93	3.24	0.15
15:01:51	15.05	3.17	0.17
15:02:01	15.15	3.11	0.18
15:02:11	15.21	3.08	0.18
15:02:21	15.23	3.08	0.18
15:02:31	15.20	3.09	0.17
15:02:41	15.16	3.12	0.17
15:02:51	15.12	3.15	0.17
15:03:01	15.07	3.18	0.18
15:03:11	15.02	3.20	0.19
15:03:21	14.98	3.23	0.17
15:03:31	14.92	3.26	0.17
15:03:41	14.88	3.28	0.17
15:03:51	14.84	3.30	0.17
15:04:01	14.83	3.31	0.18
15:04:11	14.82	3.31	0.17
15:04:21	14.81	3.31	0.17
15:04:31	14.81	3.32	0.16
15:04:41	14.82	3.31	0.18
15:04:51	14.81	3.32	0.17
15:05:01	14.82	3.31	0.17
15:05:11	14.82	3.31	0.17
15:05:21	14.84	3.30	0.17
15:05:31	14.84	3.31	0.17
15:05:41	14.83	3.31	0.17
15:05:51	14.84	3.31	0.17
15:06:01	14.84	3.30	0.17
15:06:11	14.85	3.30	0.17
15:06:21	14.84	3.31	0.15
15:06:31	14.85	3.30	0.16
15:06:41	14.85	3.30	0.17
15:06:51	14.86	3.29	0.16
15:07:01	14.86	3.30	0.15
15:07:11	14.87	3.29	0.15
15:07:21	14.89	3.28	0.17
15:07:31	14.89	3.28	0.17
15:07:41	14.89	3.28	0.17
15:07:51	14.88	3.28	0.17
15:08:01	14.90	3.27	0.17
15:08:11	14.90	3.27	0.17
15:08:21	14.91	3.26	0.17
15:08:31	14.92	3.26	0.17
15:08:41	14.92	3.25	0.17
15:08:51	14.92	3.25	0.17

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
15:09:01	14.91	3.26	0.17
15:09:11	14.91	3.25	0.17
15:09:21	14.91	3.25	0.17
15:09:31	14.92	3.23	0.18
15:09:41	14.88	3.35	0.23
15:09:51	1.33	0.33	0.04
<b>Cal Bias THC</b>			
15:10:01	0.47	0.19	0.00
15:10:11	0.41	0.15	-0.02
15:10:21	0.39	0.13	-0.02
15:10:31	0.34	0.12	-0.04
15:10:41	0.28	0.10	-0.05
15:10:51	0.22	0.08	-0.04
15:11:01	0.16	0.07	-0.04
15:11:11	0.12	0.05	-0.04
15:11:21	0.09	0.04	-0.06
<b>N2 Zero</b>			
15:11:31	<b>0.13</b>	<b>0.06</b>	<b>-0.05</b>
15:11:41	0.07	0.04	-0.06
15:11:51	0.10	0.06	0.14
15:11:51	13.68	3.03	0.84
15:12:01	16.51	0.13	19.11
15:12:11	19.96	0.06	24.23
15:12:21	20.05	0.04	24.50
15:12:31	20.09	0.04	24.58
15:12:41	20.14	0.04	24.60
15:12:51	20.20	0.04	24.61
15:13:01	20.27	0.04	24.62
15:13:11	20.33	0.04	24.63
15:13:21	20.38	0.04	24.64
15:13:31	20.42	0.04	24.65
<b>24.7 propane</b>			
15:13:41	<b>20.38</b>	<b>0.04</b>	<b>24.64</b>
15:13:41	20.44	0.03	20.58
15:13:51	16.55	2.19	10.32
15:14:01	20.32	0.07	14.56
15:14:11	20.40	0.04	14.81
15:14:21	20.42	0.04	14.85
15:14:31	20.43	0.03	14.89
15:14:41	20.43	0.04	14.90
15:14:51	20.43	0.04	14.91
15:15:01	20.43	0.04	14.92
15:15:11	20.43	0.03	14.92
15:15:21	20.44	0.03	14.92
<b>14.8 propane</b>			
15:15:31	<b>20.43</b>	<b>0.03</b>	<b>14.92</b>
15:15:31	20.43	0.03	13.92
15:15:41	16.55	2.86	4.48
15:15:51	20.21	0.11	7.94
15:16:01	20.50	0.06	8.34
15:16:11	20.51	0.04	8.39
15:16:21	20.51	0.04	8.39
15:16:31	20.51	0.04	8.41
15:16:41	20.51	0.04	8.42
15:16:51	20.51	0.04	8.42

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:17:01	20.51	0.04	8.42
<b>8.43 propane</b>	<b>20.51</b>	<b>0.04</b>	<b>8.42</b>
15:17:11	20.51	0.03	8.20
15:17:21	17.94	2.51	1.72
15:17:31	15.19	3.09	0.31
15:17:41	15.07	3.15	0.24
15:17:51	15.05	3.16	0.22
15:18:01	15.05	3.17	0.20
15:18:11	15.05	3.18	0.20
15:18:21	15.04	3.19	0.18
15:18:31	15.03	3.20	0.18
15:18:41	15.01	3.20	0.17
15:18:51	14.98	3.22	0.17
15:19:01	14.97	3.22	0.17
15:19:11	14.97	3.23	0.16
15:19:21	14.96	3.23	0.17
15:19:31	14.97	3.22	0.17
15:19:41	14.95	3.23	0.16
15:19:51	14.94	3.24	0.17
15:20:01	14.92	3.24	0.17
15:20:11	14.92	3.24	0.15
15:20:21	14.91	3.25	0.15
15:20:31	14.91	3.26	0.17
15:20:41	14.92	3.26	0.17
15:20:51	14.94	3.25	0.17
15:21:01	14.94	3.25	0.17
15:21:11	14.94	3.25	0.17
15:21:21	14.92	3.25	0.17
15:21:31	14.93	3.25	0.17
15:21:41	14.95	3.24	0.17
15:21:51	14.95	3.23	0.14
15:22:01	14.94	3.24	0.14
15:22:11	14.95	3.23	0.14
15:22:21	15.00	3.20	0.14
15:22:31	15.02	3.20	0.16
15:22:41	14.95	3.29	0.16
15:22:51	14.77	3.45	0.15
15:23:01	14.57	3.63	0.15
15:23:11	14.40	3.80	0.15
15:23:21	14.25	3.94	0.15
15:23:31	14.11	4.08	0.15
15:23:41	14.01	4.18	0.16
15:23:51	13.92	4.28	0.16
15:24:01	13.86	4.35	0.15
15:24:11	13.84	4.39	0.17
15:24:21	13.86	4.41	0.17
15:24:31	13.96	4.38	0.17
15:24:41	14.11	4.33	0.17
15:24:51	14.27	4.26	0.17
15:25:01	14.38	4.23	0.17
15:25:11	14.46	4.20	0.17
15:25:21	14.49	4.21	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:25:31	14.49	4.23	0.17
15:25:41	14.49	4.24	0.17
15:25:51	14.46	4.26	0.16
15:26:01	14.41	4.30	0.16
15:26:11	14.35	4.34	0.16
15:26:21	14.26	4.39	0.16
15:26:31	14.17	4.44	0.15
15:26:41	14.11	4.49	0.16
15:26:51	14.00	4.55	0.17
15:27:01	13.87	4.64	0.17
15:27:11	13.65	4.77	0.17
15:27:21	13.43	4.89	0.17
15:27:31	13.21	5.01	0.17
15:27:41	13.00	5.11	0.16
15:27:51	12.86	5.19	0.17
15:28:01	12.72	5.26	0.17
15:28:11	12.63	5.31	0.16
15:28:21	12.55	5.35	0.16
15:28:31	12.49	5.38	0.16
15:28:41	12.47	5.39	0.16
15:28:51	12.42	5.41	0.16
15:29:01	12.41	5.42	0.16
15:29:11	12.39	5.43	0.15
15:29:21	12.38	5.43	0.15
15:29:31	12.38	5.44	0.17
15:29:41	12.37	5.44	0.16
15:29:51	12.35	5.46	0.16
15:30:01	12.32	5.47	0.16
15:30:11	12.29	5.48	0.16
15:30:21	12.28	5.49	0.16
15:30:31	12.25	5.51	0.17
15:30:41	12.22	5.55	0.17
15:30:51	12.19	5.57	0.17
15:31:01	12.16	5.61	0.17
15:31:11	12.13	5.63	0.15
15:31:21	12.11	5.64	0.16
15:31:31	12.08	5.67	0.15
15:31:41	12.07	5.69	0.15
15:31:51	12.06	5.69	0.17
15:32:01	12.05	5.71	0.17
15:32:11	12.03	5.72	0.17
15:32:21	12.03	5.73	0.17
15:32:31	12.01	5.75	0.17
15:32:41	11.98	5.76	0.17
15:32:51	12.01	5.75	0.17
15:33:01	11.98	5.76	0.17
15:33:11	11.96	5.78	0.17
15:33:21	11.95	5.78	0.17
15:33:31	11.95	5.78	0.17
15:33:41	11.94	5.80	0.16
15:33:51	11.90	5.82	0.16
15:34:01	11.84	5.87	0.17



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:34:11	11.82	5.88	0.17
15:34:21	11.79	5.92	0.17
15:34:31	11.76	5.93	0.17
15:34:41	11.73	5.95	0.16
15:34:51	11.69	5.98	0.16
15:35:01	11.61	6.05	0.16
15:35:11	11.57	6.07	0.16
15:35:21	11.53	6.11	0.17
15:35:31	11.49	6.14	0.16
15:35:41	11.43	6.17	0.16
15:35:51	11.38	6.21	0.16
15:36:01	11.36	6.22	0.14
15:36:11	11.29	6.27	0.14
15:36:21	11.25	6.29	0.15
15:36:31	11.23	6.31	0.15
15:36:41	11.20	6.33	0.15
15:36:51	11.16	6.36	0.15
15:37:01	11.11	6.40	0.15
15:37:11	11.05	6.44	0.15
15:37:21	11.03	6.45	0.15
15:37:31	10.98	6.48	0.16
15:37:41	10.92	6.53	0.16
15:37:51	10.86	6.55	0.16
15:38:01	10.83	6.58	0.17
15:38:11	10.79	6.61	0.17
15:38:21	10.75	6.63	0.16
15:38:31	10.69	6.67	0.15
15:38:41	10.66	6.68	0.15
15:38:51	10.63	6.71	0.17
15:39:01	10.58	6.74	0.17
15:39:11	10.54	6.77	0.17
15:39:21	10.49	6.79	0.17
15:39:31	10.53	6.76	0.17
15:39:41	10.49	6.79	0.17
15:39:51	10.46	6.81	0.17
15:40:01	10.43	6.82	0.18
15:40:11	10.42	6.82	0.17
15:40:21	10.46	6.80	0.16
15:40:31	10.55	6.73	0.16
15:40:41	10.73	6.62	0.16
15:40:51	10.93	6.50	0.15
15:41:01	11.12	6.38	0.15
15:41:11	11.26	6.31	0.15
15:41:21	11.40	6.22	0.14
15:41:31	11.51	6.15	0.14
15:41:41	11.59	6.10	0.14
15:41:51	11.65	6.07	0.15
15:42:01	11.69	6.04	0.14
15:42:11	11.72	6.02	0.14
15:42:21	11.74	6.00	0.14
15:42:31	11.77	5.97	0.14
15:42:41	11.78	5.98	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:42:51	11.77	5.98	0.14
15:43:01	11.77	5.99	0.14
15:43:11	11.79	5.97	0.13
15:43:21	11.77	5.98	0.14
15:43:31	11.78	5.97	0.14
15:43:41	11.78	5.97	0.14
15:43:51	11.79	5.96	0.14
15:44:01	11.80	5.95	0.14
15:44:11	11.82	5.94	0.13
15:44:21	11.81	5.95	0.14
15:44:31	11.82	5.94	0.14
15:44:41	11.82	5.93	0.15
15:44:51	11.83	5.93	0.15
15:45:01	11.83	5.93	0.16
15:45:11	11.81	5.95	0.15
15:45:21	11.82	5.94	0.15
15:45:31	11.82	5.94	0.14
15:45:41	11.81	5.95	0.15
15:45:51	11.81	5.95	0.15
15:46:01	11.81	5.94	0.15
15:46:11	11.83	5.94	0.15
15:46:21	11.80	5.95	0.15
15:46:31	11.79	5.97	0.14
15:46:41	11.75	5.99	0.14
15:46:51	11.72	6.01	0.14
15:47:01	11.78	5.96	0.15
15:47:11	11.86	5.90	0.16
15:47:21	12.00	5.78	0.16
15:47:31	12.14	5.69	0.15
15:47:41	12.16	5.70	0.14
15:47:51	12.05	5.81	0.14
15:48:01	11.93	5.93	0.15
15:48:11	11.76	6.05	0.14
15:48:21	11.64	6.14	0.14
15:48:31	11.64	6.12	0.14
15:48:41	11.69	6.08	0.16
15:48:51	11.81	5.97	0.17
15:49:01	11.96	5.88	0.16
15:49:11	11.98	5.88	0.16
15:49:21	11.92	5.95	0.15
15:49:31	11.81	6.05	0.15
15:49:41	11.73	6.11	0.16
15:49:51	11.64	6.19	0.15
15:50:01	11.66	6.14	0.15
15:50:11	11.72	6.09	0.15
15:50:21	11.87	5.97	0.16
15:50:31	11.97	5.89	0.17
15:50:41	11.95	5.94	0.16
15:50:51	11.86	6.02	0.15
15:51:01	11.74	6.10	0.15
15:51:11	11.62	6.17	0.15
15:51:21	11.56	6.21	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:51:31	11.54	6.21	0.14
15:51:41	11.61	6.15	0.14
15:51:51	11.74	6.03	0.15
15:52:01	11.88	5.95	0.15
15:52:11	11.87	5.99	0.16
15:52:21	11.78	6.08	0.16
15:52:31	11.65	6.20	0.15
15:52:41	11.52	6.28	0.15
15:52:51	11.47	6.32	0.15
15:53:01	11.48	6.30	0.16
15:53:11	11.55	6.23	0.16
15:53:21	11.70	6.11	0.16
15:53:31	11.84	6.00	0.17
15:53:41	11.85	6.04	0.16
15:53:51	11.77	6.10	0.14
15:54:01	11.65	6.21	0.14
15:54:11	11.58	6.25	0.14
15:54:21	11.52	6.29	0.14
15:54:31	11.55	6.25	0.14
15:54:41	11.64	6.18	0.14
15:54:51	11.79	6.04	0.14
15:55:01	11.88	5.99	0.14
15:55:11	11.86	6.02	0.14
15:55:21	11.78	6.09	0.14
15:55:31	11.64	6.21	0.14
15:55:41	11.53	6.28	0.14
15:55:51	11.47	6.32	0.13
15:56:01	11.50	6.27	0.14
15:56:11	11.58	6.20	0.15
15:56:21	11.72	6.08	0.16
15:56:31	11.86	5.98	0.14
15:56:41	11.84	6.03	0.14
15:56:51	11.74	6.12	0.14
15:57:01	11.59	6.26	0.14
15:57:11	11.45	6.35	0.14
15:57:21	11.41	6.35	0.14
15:57:31	11.48	6.28	0.13
15:57:41	11.63	6.16	0.14
15:57:51	11.83	6.02	0.14
15:58:01	11.94	5.95	0.15
15:58:11	11.93	5.99	0.15
15:58:21	11.86	6.05	0.14
15:58:31	11.77	6.14	0.14
15:58:41	11.69	6.19	0.14
15:58:51	11.66	6.21	0.14
15:59:01	11.74	6.14	0.14
15:59:11	11.84	6.05	0.14
15:59:21	12.01	5.94	0.14
15:59:31	12.11	5.87	0.14
15:59:41	12.05	5.94	0.14
15:59:51	11.96	6.02	0.14
16:00:01	11.81	6.13	0.15

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
16:00:11	11.74	6.17	0.13
16:00:21	11.69	6.20	0.12
16:00:31	11.72	6.17	0.14
16:00:41	11.81	6.08	0.13
16:00:51	11.93	6.00	0.13
16:01:01	11.97	5.98	0.14
16:01:11	11.93	6.03	0.14
16:01:21	11.93	6.02	0.14
16:01:31	12.02	5.97	0.14
16:01:41	12.13	5.90	0.14
16:01:51	12.22	5.86	0.14
16:02:01	12.31	5.78	0.14
16:02:11	12.35	5.75	0.14
16:02:21	12.38	5.72	0.14
16:02:31	12.31	5.81	0.14
16:02:41	12.16	5.90	0.15
<b>25A Drift Check</b>			
16:02:51	13.54	2.68	1.05
16:03:01	0.66	0.26	0.06
16:03:11	0.22	0.17	0.03
16:03:21	0.18	0.13	0.02
16:03:31	0.16	0.12	0.01
16:03:41	0.13	0.10	0.00
16:03:51	0.11	0.09	0.00
16:04:01	0.09	0.08	-0.01
16:04:11	0.09	0.06	-0.02
<b>N2 Zero</b>			
	<b>0.09</b>	<b>0.08</b>	<b>-0.01</b>
16:04:21	0.08	0.06	0.02
16:04:31	8.47	3.99	3.77
16:04:41	19.35	0.11	13.52
16:04:51	20.07	0.07	14.62
16:05:01	20.15	0.06	14.76
16:05:11	20.21	0.05	14.82
16:05:21	20.24	0.05	14.85
16:05:31	20.27	0.04	14.87
16:05:41	20.29	0.04	14.88
16:05:51	20.31	0.04	14.88
16:06:01	20.32	0.04	14.88
16:06:11	20.34	0.04	14.90
<b>14.8 propane</b>			
	<b>20.32</b>	<b>0.04</b>	<b>14.89</b>
16:06:21	20.33	0.04	11.59
16:06:31	13.14	5.94	0.95
16:06:41	11.56	6.24	0.32
16:06:51	11.41	6.36	0.26
16:07:01	11.31	6.46	0.24
16:07:11	11.15	6.60	0.21
16:07:21	11.01	6.70	0.19
16:07:31	10.92	6.77	0.18
16:07:41	10.91	6.76	0.18
16:07:51	10.99	6.69	0.17
16:08:01	11.14	6.57	0.17
16:08:11	11.26	6.49	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:08:21	11.27	6.50	0.14
16:08:31	11.21	6.56	0.15
16:08:41	11.09	6.67	0.16
16:08:51	10.98	6.74	0.16
16:09:01	10.91	6.78	0.15
16:09:11	10.93	6.76	0.15
16:09:21	11.00	6.68	0.15
16:09:31	11.19	6.55	0.17
16:09:41	11.29	6.49	0.17
16:09:51	11.30	6.50	0.18
16:10:01	11.27	6.53	0.17
16:10:11	11.13	6.65	0.17
16:10:21	11.08	6.68	0.17
16:10:31	11.08	6.67	0.17
16:10:41	11.22	6.56	0.15
16:10:51	11.50	6.34	0.14
16:11:01	11.81	6.11	0.13
16:11:11	12.10	5.94	0.12
16:11:21	12.20	5.89	0.12
16:11:31	12.22	5.89	0.13
16:11:41	12.06	6.03	0.13
16:11:51	11.84	6.19	0.13
16:12:01	11.64	6.32	0.13
16:12:11	11.53	6.37	0.13
16:12:21	11.52	6.34	0.14
16:12:31	11.57	6.29	0.14
16:12:41	11.56	6.31	0.15
16:12:51	11.45	6.40	0.14
16:13:01	11.32	6.50	0.15
16:13:11	11.17	6.61	0.13
16:13:21	11.05	6.69	0.14
16:13:31	10.99	6.71	0.14
16:13:41	11.04	6.66	0.14
16:13:51	11.17	6.55	0.14
16:14:01	11.31	6.45	0.15
16:14:11	11.35	6.44	0.15
16:14:21	11.31	6.48	0.15
16:14:31	11.26	6.52	0.16
16:14:41	11.18	6.57	0.16
16:14:51	11.11	6.63	0.15
<b>Start Run 1B</b>			
16:15:01	11.06	6.66	0.15
16:15:11	10.98	6.71	0.15
16:15:21	10.92	6.75	0.14
16:15:31	10.90	6.76	0.15
16:15:41	10.94	6.72	0.16
16:15:51	11.08	6.60	0.16
16:16:01	11.24	6.49	0.16
16:16:11	11.31	6.46	0.16
16:16:21	11.29	6.49	0.16
16:16:31	11.25	6.53	0.16
16:16:41	11.19	6.57	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:16:51	11.14	6.61	0.15
16:17:01	11.09	6.64	0.16
16:17:11	11.04	6.66	0.16
16:17:21	10.98	6.72	0.15
16:17:31	10.94	6.74	0.14
16:17:41	10.92	6.75	0.15
16:17:51	10.99	6.69	0.15
16:18:01	11.11	6.58	0.16
16:18:11	11.27	6.46	0.17
16:18:21	11.36	6.42	0.17
16:18:31	11.32	6.47	0.17
16:18:41	11.26	6.53	0.17
16:18:51	11.13	6.62	0.17
16:19:01	11.07	6.66	0.16
16:19:11	11.04	6.66	0.15
16:19:21	11.12	6.58	0.14
16:19:31	11.26	6.45	0.15
16:19:41	11.41	6.33	0.16
16:19:51	11.47	6.31	0.16
16:20:01	11.42	6.36	0.15
16:20:11	11.32	6.45	0.15
16:20:21	11.19	6.55	0.15
16:20:31	11.11	6.60	0.15
16:20:41	11.06	6.63	0.14
16:20:51	11.10	6.58	0.14
16:21:01	11.22	6.48	0.14
16:21:11	11.36	6.38	0.15
16:21:21	11.40	6.38	0.14
16:21:31	11.34	6.44	0.15
16:21:41	11.26	6.51	0.16
16:21:51	11.13	6.59	0.14
16:22:01	11.04	6.66	0.14
16:22:11	11.00	6.66	0.13
16:22:21	11.08	6.58	0.15
16:22:31	11.20	6.48	0.16
16:22:41	11.35	6.39	0.16
16:22:51	11.36	6.41	0.17
16:23:01	11.29	6.46	0.16
16:23:11	11.17	6.56	0.16
16:23:21	11.07	6.62	0.15
16:23:31	10.99	6.68	0.15
16:23:41	10.99	6.67	0.15
16:23:51	11.07	6.59	0.15
16:24:01	11.22	6.48	0.17
16:24:11	11.36	6.40	0.17
16:24:21	11.37	6.42	0.16
16:24:31	11.31	6.47	0.16
16:24:41	11.19	6.57	0.16
16:24:51	11.11	6.62	0.16
16:25:01	11.05	6.66	0.15
16:25:11	11.08	6.61	0.15
16:25:21	11.17	6.54	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:25:31	11.33	6.40	0.14
16:25:41	11.45	6.33	0.15
16:25:51	11.46	6.33	0.14
16:26:01	11.41	6.37	0.14
16:26:11	11.37	6.40	0.14
16:26:21	10.91	6.76	0.13
16:26:31	10.76	6.85	0.13
16:26:41	10.72	6.88	0.12
16:26:51	10.74	6.87	0.13
16:27:01	10.74	6.88	0.12
16:27:11	10.71	6.91	0.14
16:27:21	10.67	6.95	0.14
16:27:31	10.59	7.01	0.14
16:27:41	10.56	7.05	0.15
16:27:51	12.44	5.37	0.22
16:28:01	12.58	5.64	0.21
16:28:11	11.93	6.08	0.19
16:28:21	11.60	6.37	0.17
16:28:31	11.54	6.42	0.16
16:28:41	11.69	6.33	0.15
16:28:51	11.85	6.24	0.15
16:29:01	11.99	6.17	0.15
16:29:11	12.13	6.06	0.14
16:29:21	12.27	5.93	0.16
16:29:31	12.47	5.78	0.14
16:29:41	12.64	5.66	0.16
16:29:51	12.73	5.35	0.20
16:30:01	13.30	5.12	0.19
16:30:11	13.27	5.21	0.17
16:30:21	13.13	5.39	0.16
16:30:31	12.95	5.50	0.15
16:30:41	12.94	5.49	0.15
16:30:51	12.99	5.46	0.15
16:31:01	13.07	5.40	0.15
16:31:11	13.25	5.27	0.15
16:31:21	13.34	5.21	0.16
16:31:31	13.34	5.23	0.15
16:31:41	13.19	5.30	0.17
16:31:51	13.14	5.25	0.17
16:32:01	13.09	5.34	0.16
16:32:11	13.00	5.44	0.14
16:32:21	12.97	5.46	0.15
16:32:31	12.98	5.45	0.16
16:32:41	13.04	5.41	0.15
16:32:51	13.10	5.36	0.15
16:33:01	13.11	5.33	0.15
16:33:11	13.00	5.39	0.15
16:33:21	12.77	5.52	0.15
16:33:31	12.50	5.71	0.14
16:33:41	12.22	5.88	0.15
16:33:51	12.04	5.98	0.13
16:34:01	12.02	5.96	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:34:11	12.04	5.93	0.13
16:34:21	12.16	5.81	0.13
16:34:31	12.21	5.78	0.14
16:34:41	12.15	5.85	0.14
16:34:51	12.01	5.97	0.13
16:35:01	11.86	6.07	0.11
16:35:11	11.74	6.14	0.12
16:35:21	11.71	6.16	0.13
16:35:31	11.75	6.11	0.14
16:35:41	11.85	6.03	0.13
16:35:51	11.93	5.98	0.14
16:36:01	11.88	6.02	0.14
16:36:11	11.76	6.12	0.13
16:36:21	11.63	6.22	0.13
16:36:31	11.51	6.30	0.12
16:36:41	11.45	6.33	0.13
16:36:51	11.50	6.28	0.14
16:37:01	11.58	6.21	0.14
16:37:11	11.74	6.09	0.16
16:37:21	11.82	6.03	0.16
16:37:31	11.79	6.07	0.16
16:37:41	11.69	6.17	0.15
16:37:51	11.56	6.29	0.14
16:38:01	11.44	6.40	0.14
16:38:11	11.40	6.42	0.15
16:38:21	11.45	6.39	0.15
16:38:31	11.56	6.26	0.15
16:38:41	11.73	6.13	0.14
16:38:51	11.77	6.11	0.14
16:39:01	11.70	6.17	0.15
16:39:11	11.60	6.25	0.15
16:39:21	11.49	6.31	0.14
16:39:31	11.43	6.35	0.14
16:39:41	11.40	6.36	0.14
16:39:51	11.44	6.31	0.14
16:40:01	11.57	6.18	0.13
16:40:11	11.71	6.09	0.13
16:40:21	11.73	6.07	0.14
16:40:31	11.70	6.12	0.14
16:40:41	11.57	6.21	0.11
16:40:51	11.49	6.27	0.11
16:41:01	11.48	6.26	0.14
16:41:11	11.50	6.25	0.13
16:41:21	11.61	6.15	0.12
16:41:31	11.77	6.04	0.13
16:41:41	11.86	5.99	0.13
16:41:51	11.82	6.06	0.14
16:42:01	11.67	6.17	0.13
16:42:11	11.56	6.26	0.13
16:42:21	11.49	6.28	0.13
16:42:31	11.52	6.26	0.12
16:42:41	11.61	6.16	0.12



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:42:51	11.75	6.05	0.13
16:43:01	11.80	6.03	0.13
16:43:11	11.75	6.07	0.13
16:43:21	11.65	6.17	0.13
16:43:31	11.49	6.27	0.14
16:43:41	11.43	6.32	0.13
16:43:51	11.40	6.31	0.13
16:44:01	11.47	6.26	0.15
16:44:11	11.59	6.14	0.15
16:44:21	11.73	6.05	0.16
16:44:31	11.76	6.04	0.14
16:44:41	11.70	6.09	0.14
16:44:51	11.59	6.19	0.14
16:45:01	11.45	6.29	0.13
16:45:11	11.34	6.36	0.14
16:45:21	11.38	6.32	0.14
16:45:31	11.44	6.27	0.14
16:45:41	11.60	6.13	0.14
16:45:51	11.74	6.04	0.15
16:46:01	11.82	5.99	0.15
16:46:11	11.79	6.00	0.16
16:46:21	11.77	6.02	0.17
16:46:31	11.73	6.06	0.17
16:46:41	11.70	6.07	0.15
16:46:51	11.70	6.07	0.15
16:47:01	11.70	6.06	0.14
16:47:11	11.68	6.08	0.14
16:47:21	11.66	6.09	0.14
16:47:31	11.60	6.13	0.13
16:47:41	11.58	6.14	0.13
16:47:51	11.57	6.13	0.12
16:48:01	11.67	6.04	0.12
16:48:11	11.80	5.93	0.13
16:48:21	11.96	5.80	0.14
16:48:31	12.04	5.76	0.14
16:48:41	12.00	5.81	0.14
16:48:51	11.92	5.89	0.14
16:49:01	11.80	5.97	0.14
16:49:11	11.71	6.03	0.13
16:49:21	11.67	6.04	0.12
16:49:31	11.76	5.97	0.13
16:49:41	11.88	5.86	0.13
16:49:51	12.01	5.78	0.13
16:50:01	12.05	5.77	0.14
16:50:11	12.01	5.80	0.14
16:50:21	11.94	5.86	0.13
16:50:31	11.85	5.93	0.13
16:50:41	11.82	5.96	0.13
16:50:51	11.82	5.95	0.13
16:51:01	11.86	5.90	0.14
16:51:11	12.01	5.78	0.14
16:51:21	12.13	5.68	0.15

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:51:31	12.17	5.66	0.15
16:51:41	12.10	5.72	0.14
16:51:51	11.97	5.83	0.13
16:52:01	11.86	5.90	0.13
16:52:11	11.79	5.95	0.14
16:52:21	11.82	5.90	0.13
16:52:31	11.90	5.83	0.13
16:52:41	12.03	5.72	0.14
16:52:51	12.13	5.65	0.13
16:53:01	12.12	5.68	0.14
16:53:11	12.05	5.74	0.14
16:53:21	11.92	5.85	0.14
16:53:31	11.83	5.92	0.13
16:53:41	11.76	5.96	0.13
16:53:51	11.79	5.92	0.12
16:54:01	11.85	5.87	0.13
16:54:11	12.00	5.74	0.14
16:54:21	12.14	5.65	0.14
16:54:31	12.12	5.68	0.14
16:54:41	12.06	5.74	0.14
16:54:51	11.91	5.86	0.14
16:55:01	11.82	5.92	0.14
16:55:11	11.76	5.95	0.14
16:55:21	11.80	5.91	0.14
16:55:31	11.86	5.85	0.13
16:55:41	12.02	5.72	0.14
16:55:51	12.08	5.66	0.14
16:56:01	12.06	5.67	0.14
16:56:11	11.99	5.74	0.14
16:56:21	11.87	5.84	0.13
16:56:31	11.76	5.91	0.13
16:56:41	11.68	5.97	0.13
16:56:51	11.72	5.93	0.13
16:57:01	11.81	5.85	0.14
16:57:11	11.98	5.72	0.14
16:57:21	12.03	5.70	0.14
16:57:31	11.98	5.75	0.14
16:57:41	11.91	5.82	0.14
16:57:51	11.78	5.91	0.14
16:58:01	11.71	5.97	0.14
16:58:11	11.68	5.98	0.14
16:58:21	11.72	5.94	0.13
16:58:31	11.83	5.83	0.14
16:58:41	11.98	5.72	0.13
16:58:51	12.01	5.72	0.13
16:59:01	11.95	5.78	0.14
16:59:11	11.86	5.86	0.14
16:59:21	11.73	5.95	0.14
16:59:31	11.68	5.99	0.14
16:59:41	11.64	6.01	0.14
16:59:51	11.69	5.97	0.12
17:00:01	11.81	5.87	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:00:11	11.95	5.76	0.13
17:00:21	12.00	5.75	0.14
17:00:31	11.98	5.77	0.14
17:00:41	11.87	5.86	0.13
17:00:51	11.78	5.92	0.12
17:01:01	11.72	5.97	0.12
17:01:11	11.76	5.94	0.13
17:01:21	11.83	5.87	0.13
17:01:31	12.03	5.72	0.14
17:01:41	12.16	5.62	0.13
17:01:51	12.21	5.59	0.14
17:02:01	12.17	5.64	0.13
17:02:11	12.05	5.73	0.13
17:02:21	11.92	5.83	0.12
17:02:31	11.81	5.90	0.12
17:02:41	11.75	5.95	0.12
17:02:51	11.73	5.96	0.12
17:03:01	11.77	5.93	0.13
17:03:11	11.89	5.84	0.13
17:03:21	11.99	5.78	0.14
17:03:31	11.97	5.83	0.14
17:03:41	11.87	5.91	0.14
17:03:51	11.71	6.04	0.14
17:04:01	11.58	6.13	0.14
17:04:11	11.47	6.21	0.14
17:04:21	11.47	6.19	0.14
17:04:31	11.53	6.15	0.14
17:04:41	11.65	6.05	0.14
17:04:51	11.76	5.97	0.14
17:05:01	11.76	5.98	0.14
17:05:11	11.69	6.04	0.14
17:05:21	11.54	6.16	0.14
17:05:31	11.47	6.20	0.14
17:05:41	11.41	6.22	0.13
17:05:51	11.44	6.20	0.12
17:06:01	11.48	6.15	0.13
17:06:11	11.59	6.07	0.14
17:06:21	11.63	6.04	0.14
17:06:31	11.54	6.11	0.14
17:06:41	11.41	6.21	0.13
17:06:51	11.23	6.33	0.14
17:07:01	11.10	6.43	0.14
17:07:11	10.97	6.50	0.13
17:07:21	11.00	6.47	0.13
17:07:31	11.06	6.41	0.13
17:07:41	11.21	6.31	0.13
17:07:51	11.27	6.30	0.12
17:08:01	11.23	6.35	0.11
17:08:11	11.15	6.41	0.12
17:08:21	11.01	6.52	0.13
17:08:31	10.95	6.57	0.14
17:08:41	10.90	6.60	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:08:51	10.94	6.57	0.13
17:09:01	11.04	6.49	0.13
17:09:11	11.16	6.40	0.13
17:09:21	11.16	6.43	0.14
17:09:31	11.07	6.49	0.14
17:09:41	10.90	6.64	0.14
17:09:51	10.67	6.79	0.13
17:10:01	10.47	6.93	0.13
17:10:11	10.35	6.99	0.13
17:10:21	10.36	6.96	0.13
17:10:31	10.50	6.83	0.13
17:10:41	10.59	6.78	0.14
17:10:51	10.55	6.83	0.14
17:11:01	10.47	6.90	0.13
17:11:11	10.31	7.04	0.13
17:11:21	10.18	7.12	0.13
17:11:31	10.13	7.16	0.13
17:11:41	10.16	7.13	0.13
17:11:51	10.24	7.06	0.13
17:12:01	10.43	6.92	0.13
17:12:11	10.56	6.84	0.13
17:12:21	10.57	6.86	0.14
17:12:31	10.50	6.91	0.15
17:12:41	10.38	6.98	0.14
17:12:51	10.28	7.05	0.13
17:13:01	10.22	7.12	0.14
17:13:11	10.25	7.06	0.14
17:13:21	10.36	6.97	0.14
17:13:31	10.58	6.80	0.15
17:13:41	10.78	6.69	0.17
17:13:51	10.86	6.65	0.17
17:14:01	10.90	6.63	0.15
17:14:11	10.88	6.65	0.15
17:14:21	10.83	6.68	0.15
17:14:31	10.73	6.76	0.15
17:14:41	10.63	6.82	0.15
17:14:51	10.53	6.89	0.16
17:15:01	10.52	6.87	0.14
17:15:11	10.55	6.84	0.13
17:15:21	10.66	6.75	0.14
17:15:31	10.76	6.69	0.14
17:15:41	10.73	6.73	0.15
17:15:51	10.67	6.77	0.15
17:16:01	10.55	6.87	0.15
17:16:11	10.45	6.94	0.15
17:16:21	10.32	7.00	0.15
17:16:31	10.26	7.04	0.17
<b>25A Drift Check</b>			
17:16:41	10.22	7.01	1.66
17:16:51	1.90	0.37	0.20
17:17:01	0.22	0.22	0.03
17:17:11	0.17	0.16	0.02

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
17:17:21	0.15	0.13	0.01
17:17:31	0.11	0.10	0.02
17:17:41	0.10	0.09	0.01
17:17:51	0.09	0.08	0.00
17:18:01	0.07	0.07	0.00
17:18:11	0.06	0.07	-0.01
17:18:21	0.06	0.06	-0.02
<b>N2 Zero</b>	<b>0.07</b>	<b>0.07</b>	<b>-0.01</b>
17:18:31	0.06	0.06	0.09
17:18:41	7.44	3.62	4.46
17:18:51	19.52	0.14	13.45
17:19:01	20.03	0.09	14.33
17:19:11	20.09	0.08	14.44
17:19:21	20.14	0.07	14.47
17:19:31	20.18	0.06	14.51
17:19:41	20.21	0.05	14.53
17:19:51	20.22	0.05	14.54
17:20:01	20.25	0.05	14.56
17:20:11	20.26	0.05	14.59
17:20:21	20.27	0.04	14.60
<b>14.8 propane</b>	<b>20.26</b>	<b>0.05</b>	<b>14.58</b>
17:20:31	20.27	0.04	10.10
17:20:41	11.70	6.62	0.69
17:20:51	10.59	6.83	0.32
17:21:01	10.61	6.80	0.26
17:21:11	10.77	6.68	0.23
17:21:21	10.87	6.63	0.20
17:21:31	10.84	6.66	0.19
<b>Resume 1B</b>			
17:21:41	10.77	6.74	0.18
17:21:51	10.59	6.88	0.17
17:22:01	10.45	6.97	0.18
17:22:11	10.38	7.00	0.18
17:22:21	10.44	6.94	0.17
17:22:31	10.55	6.85	0.17
17:22:41	10.72	6.73	0.16
17:22:51	10.80	6.68	0.18
17:23:01	10.74	6.75	0.19
17:23:11	10.62	6.85	0.18
17:23:21	10.48	6.96	0.18
17:23:31	10.34	7.06	0.19
17:23:41	10.33	7.03	0.18
17:23:51	10.42	6.96	0.18
17:24:01	10.61	6.80	0.17
17:24:11	10.80	6.68	0.18
17:24:21	10.87	6.63	0.17
17:24:31	10.90	6.63	0.17
17:24:41	10.85	6.67	0.17
17:24:51	10.80	6.70	0.16
17:25:01	10.82	6.69	0.16
17:25:11	10.92	6.59	0.16
17:25:21	11.07	6.49	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:25:31	11.30	6.30	0.16
17:25:41	11.49	6.18	0.16
17:25:51	11.61	6.10	0.15
17:26:01	11.63	6.10	0.15
17:26:11	11.57	6.16	0.13
17:26:21	11.49	6.23	0.13
17:26:31	11.42	6.29	0.14
17:26:41	11.46	6.23	0.14
17:26:51	11.52	6.17	0.14
17:27:01	11.70	6.02	0.14
17:27:11	11.84	5.92	0.14
17:27:21	11.88	5.89	0.14
17:27:31	11.86	5.94	0.15
17:27:41	11.73	6.03	0.14
17:27:51	11.66	6.09	0.14
17:28:01	11.58	6.14	0.13
17:28:11	11.59	6.10	0.13
17:28:21	11.65	6.04	0.13
17:28:31	11.83	5.89	0.14
17:28:41	11.95	5.81	0.13
17:28:51	11.95	5.82	0.14
17:29:01	11.90	5.85	0.14
17:29:11	11.84	5.91	0.14
17:29:21	11.72	6.00	0.14
17:29:31	11.67	6.03	0.15
17:29:41	11.67	6.02	0.15
17:29:51	11.70	6.01	0.15
17:30:01	11.81	5.91	0.14
17:30:11	11.93	5.82	0.14
17:30:21	11.94	5.82	0.14
17:30:31	11.92	5.84	0.14
17:30:41	11.81	5.93	0.14
17:30:51	11.70	6.01	0.14
17:31:01	11.63	6.06	0.13
17:31:11	11.66	6.01	0.14
17:31:21	11.73	5.97	0.13
17:31:31	11.88	5.85	0.14
17:31:41	11.99	5.76	0.14
17:31:51	12.02	5.75	0.15
17:32:01	11.96	5.82	0.15
17:32:11	11.89	5.89	0.15
17:32:21	11.81	5.96	0.14
17:32:31	11.73	6.00	0.14
17:32:41	11.70	6.03	0.14
17:32:51	11.66	6.05	0.15
17:33:01	11.65	6.05	0.15
17:33:11	11.66	6.03	0.15
17:33:21	11.67	6.03	0.15
17:33:31	11.67	6.03	0.16
17:33:41	11.68	6.02	0.16
17:33:51	11.69	6.02	0.16
17:34:01	11.69	6.00	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:34:11	11.72	5.99	0.16
17:34:21	11.73	5.97	0.17
17:34:31	11.74	5.97	0.17
17:34:41	11.72	5.98	0.17
17:34:51	11.72	5.97	0.16
17:35:01	11.71	5.98	0.16
17:35:11	11.74	5.96	0.16
17:35:21	11.74	5.97	0.15
17:35:31	11.75	5.96	0.16
17:35:41	11.78	5.94	0.16
17:35:51	11.76	5.97	0.17
17:36:01	11.74	5.98	0.17
17:36:11	11.74	5.98	0.15
17:36:21	11.77	5.97	0.15
17:36:31	11.79	5.95	0.15
17:36:41	11.80	5.93	0.15
17:36:51	11.82	5.92	0.15
17:37:01	11.79	5.94	0.16
17:37:11	11.81	5.91	0.16
17:37:21	11.86	5.87	0.15
17:37:31	11.98	5.77	0.15
17:37:41	12.12	5.65	0.15
17:37:51	12.30	5.53	0.17
17:38:01	12.35	5.52	0.16
17:38:11	12.26	5.61	0.16
17:38:21	12.12	5.73	0.16
17:38:31	11.97	5.85	0.14
17:38:41	11.96	5.85	0.15
17:38:51	11.97	5.82	0.15
17:39:01	12.11	5.71	0.15
17:39:11	12.17	5.67	0.17
17:39:21	12.16	5.68	0.17
17:39:31	12.07	5.77	0.17
17:39:41	11.96	5.85	0.16
17:39:51	11.85	5.92	0.16
17:40:01	11.86	5.91	0.15
17:40:11	11.93	5.82	0.16
17:40:21	12.08	5.70	0.16
17:40:31	12.12	5.69	0.16
17:40:41	12.10	5.72	0.16
17:40:51	11.98	5.83	0.16
17:41:01	11.88	5.90	0.15
17:41:11	11.81	5.94	0.15
17:41:21	11.82	5.93	0.14
17:41:31	11.89	5.85	0.14
17:41:41	12.02	5.75	0.14
17:41:51	12.06	5.75	0.14
17:42:01	12.01	5.79	0.14
17:42:11	11.85	5.92	0.15
17:42:21	11.77	5.99	0.14
17:42:31	11.70	6.02	0.13
17:42:41	11.76	5.97	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:42:51	11.85	5.89	0.14
17:43:01	11.99	5.78	0.14
17:43:11	12.03	5.77	0.14
17:43:21	12.00	5.80	0.14
17:43:31	11.88	5.93	0.14
17:43:41	11.77	6.00	0.14
17:43:51	11.69	6.05	0.14
17:44:01	11.70	6.04	0.13
17:44:11	11.79	5.94	0.13
17:44:21	11.93	5.82	0.12
17:44:31	12.01	5.77	0.13
17:44:41	11.98	5.81	0.13
17:44:51	11.86	5.92	0.14
17:45:01	11.77	6.00	0.13
17:45:11	11.66	6.06	0.13
17:45:21	11.67	6.05	0.13
17:45:31	11.73	5.98	0.13
17:45:41	11.88	5.86	0.13
17:45:51	11.98	5.79	0.13
17:46:01	12.01	5.79	0.14
17:46:11	11.95	5.82	0.14
17:46:21	11.90	5.88	0.14
17:46:31	11.83	5.95	0.14
17:46:41	11.74	6.02	0.14
17:46:51	11.69	6.07	0.14
17:47:01	11.57	6.15	0.14
17:47:11	11.53	6.18	0.13
17:47:21	11.54	6.15	0.14
17:47:31	11.65	6.08	0.14
17:47:41	11.78	5.96	0.13
17:47:51	11.97	5.81	0.14
17:48:01	12.05	5.77	0.14
17:48:11	12.04	5.79	0.12
17:48:21	11.93	5.88	0.15
17:48:31	11.88	5.93	0.15
17:48:41	11.78	6.00	0.14
17:48:51	11.81	5.98	0.14
17:49:01	11.91	5.87	0.14
17:49:11	12.06	5.76	0.15
17:49:21	12.12	5.73	0.15
17:49:31	12.13	5.72	0.15
17:49:41	12.00	5.85	0.15
17:49:51	11.86	5.95	0.15
17:50:01	11.73	6.05	0.14
17:50:11	11.75	6.02	0.14
17:50:21	11.82	5.94	0.15
17:50:31	11.98	5.80	0.14
17:50:41	12.07	5.76	0.15
17:50:51	12.06	5.77	0.15
17:51:01	12.00	5.84	0.14
17:51:11	11.86	5.94	0.14
17:51:21	11.77	6.01	0.13



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:51:31	11.73	6.02	0.13
17:51:41	11.79	5.95	0.13
17:51:51	11.94	5.82	0.13
17:52:01	12.10	5.70	0.14
17:52:11	12.16	5.66	0.14
17:52:21	12.18	5.66	0.14
17:52:31	12.05	5.77	0.12
17:52:41	11.94	5.85	0.12
17:52:51	11.90	5.87	0.14
17:53:01	11.93	5.84	0.13
17:53:11	12.04	5.74	0.14
17:53:21	12.20	5.62	0.14
17:53:31	12.23	5.63	0.14
17:53:41	12.19	5.66	0.14
17:53:51	12.06	5.78	0.14
17:54:01	11.96	5.83	0.14
17:54:11	11.90	5.88	0.13
17:54:21	11.94	5.81	0.12
17:54:31	12.05	5.70	0.14
17:54:41	12.23	5.56	0.14
17:54:51	12.34	5.49	0.14
17:55:01	12.33	5.50	0.14
17:55:11	12.27	5.55	0.14
17:55:21	12.19	5.61	0.14
17:55:31	12.09	5.70	0.14
17:55:41	12.09	5.69	0.14
17:55:51	12.13	5.64	0.14
17:56:01	12.31	5.49	0.16
17:56:11	12.41	5.45	0.17
17:56:21	12.40	5.46	0.17
17:56:31	12.31	5.55	0.15
17:56:41	12.15	5.65	0.15
17:56:51	12.05	5.72	0.14
17:57:01	12.03	5.71	0.14
17:57:11	12.09	5.65	0.14
17:57:21	12.26	5.51	0.14
17:57:31	12.38	5.43	0.16
17:57:41	12.41	5.43	0.16
17:57:51	12.33	5.50	0.14
17:58:01	12.20	5.60	0.14
17:58:11	12.10	5.68	0.15
17:58:21	12.06	5.68	0.15
17:58:31	12.11	5.66	0.15
17:58:41	12.22	5.55	0.14
17:58:51	12.34	5.48	0.14
17:59:01	12.32	5.51	0.14
17:59:11	12.22	5.61	0.14
17:59:21	12.04	5.75	0.13
17:59:31	11.92	5.86	0.13
17:59:41	11.79	5.93	0.13
17:59:51	11.79	5.93	0.13
18:00:01	11.90	5.82	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:00:11	12.03	5.73	0.14
18:00:21	12.06	5.73	0.13
18:00:31	11.98	5.80	0.13
18:00:41	11.79	5.97	0.14
18:00:51	11.63	6.08	0.14
18:01:01	11.52	6.16	0.14
18:01:11	11.55	6.13	0.14
18:01:21	11.67	6.01	0.14
18:01:31	11.86	5.87	0.14
18:01:41	11.98	5.81	0.14
18:01:51	11.96	5.82	0.13
18:02:01	11.89	5.90	0.12
18:02:11	11.76	5.99	0.12
18:02:21	11.66	6.06	0.14
18:02:31	11.65	6.06	0.14
18:02:41	11.72	6.00	0.14
18:02:51	11.87	5.86	0.15
18:03:01	12.01	5.76	0.14
18:03:11	12.04	5.76	0.14
18:03:21	11.98	5.82	0.14
18:03:31	11.84	5.93	0.14
18:03:41	11.74	6.02	0.14
18:03:51	11.63	6.10	0.13
18:04:01	11.67	6.05	0.14
18:04:11	11.75	5.97	0.14
18:04:21	11.91	5.84	0.14
18:04:31	11.97	5.82	0.14
18:04:41	11.93	5.86	0.15
18:04:51	11.81	5.99	0.15
18:05:01	11.67	6.10	0.16
18:05:11	11.55	6.20	0.16
18:05:21	11.56	6.18	0.16
18:05:31	11.64	6.10	0.16
18:05:41	11.83	5.95	0.15
18:05:51	11.95	5.87	0.16
18:06:01	11.95	5.88	0.16
18:06:11	11.87	5.96	0.16
18:06:21	11.72	6.07	0.15
18:06:31	11.65	6.12	0.15
18:06:41	11.61	6.13	0.14
18:06:51	11.67	6.07	0.14
18:07:01	11.81	5.94	0.14
18:07:11	11.97	5.83	0.14
18:07:21	12.00	5.82	0.14
18:07:31	11.95	5.87	0.15
18:07:41	11.83	5.97	0.14
18:07:51	11.75	6.03	0.14
18:08:01	11.65	6.11	0.14
18:08:11	11.68	6.07	0.14
18:08:21	11.77	5.98	0.14
18:08:31	11.95	5.84	0.15
18:08:41	12.04	5.78	0.15

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:08:51	12.05	5.79	0.14
18:09:01	11.94	5.90	0.14
18:09:11	11.81	5.99	0.14
18:09:21	11.74	6.04	0.13
18:09:31	11.72	6.03	0.14
18:09:41	11.78	5.98	0.14
18:09:51	11.91	5.85	0.14
18:10:01	12.07	5.74	0.14
18:10:11	12.09	5.73	0.13
18:10:21	12.04	5.78	0.13
18:10:31	11.91	5.89	0.12
18:10:41	11.79	5.97	0.12
18:10:51	11.73	6.00	0.11
18:11:01	11.79	5.96	0.12
18:11:11	11.89	5.85	0.11
18:11:21	12.04	5.73	0.13
18:11:31	12.13	5.69	0.14
18:11:41	12.08	5.75	0.13
18:11:51	11.98	5.84	0.13
18:12:01	11.86	5.93	0.13
18:12:11	11.74	6.02	0.13
18:12:21	11.73	6.01	0.14
18:12:31	11.78	5.95	0.13
18:12:41	11.97	5.79	0.13
18:12:51	12.10	5.70	0.14
18:13:01	12.09	5.72	0.14
18:13:11	12.03	5.78	0.14
18:13:21	11.85	5.93	0.14
18:13:31	11.72	6.03	0.14
18:13:41	11.63	6.07	0.13
18:13:51	11.69	6.02	0.14
18:14:01	11.82	5.90	0.14
18:14:11	11.99	5.79	0.14
18:14:21	12.04	5.76	0.14
18:14:31	12.00	5.81	0.13
18:14:41	11.86	5.92	0.13
18:14:51	11.75	5.98	0.14
18:15:01	11.67	6.03	0.14
18:15:11	11.68	6.00	0.13
18:15:21	11.78	5.89	0.14
18:15:31	11.95	5.77	0.14
18:15:41	12.03	5.71	0.14
18:15:51	12.01	5.75	0.13
18:16:01	11.92	5.83	0.14
18:16:11	11.79	5.93	0.13
18:16:21	11.73	5.97	0.13
18:16:31	11.70	5.99	0.14
18:16:41	11.75	5.94	0.14
18:16:51	11.86	5.84	0.15
18:17:01	12.02	5.72	0.15
18:17:11	12.11	5.67	0.15
18:17:21	12.05	5.74	0.14

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
18:17:31	11.94	5.84	0.14
18:17:41	11.79	5.95	0.15
18:17:51	11.73	5.99	0.15
18:18:01	11.70	6.00	0.15
18:18:11	11.76	5.94	0.14
18:18:21	11.86	5.85	0.15
18:18:31	11.97	5.77	0.15
18:18:41	12.01	5.76	0.14
18:18:51	11.93	5.82	0.16
18:19:01	11.78	5.94	0.14
18:19:11	11.62	6.06	0.12
18:19:21	11.49	6.16	0.12
18:19:31	11.44	6.17	0.14
<b>25A Drift Check</b>			
18:19:41	12.30	4.38	1.76
18:19:51	0.96	0.30	0.07
18:20:01	0.20	0.16	0.00
18:20:11	0.18	0.13	0.01
18:20:21	0.14	0.10	0.01
18:20:31	0.11	0.09	0.01
18:20:41	0.10	0.08	0.01
18:20:51	0.09	0.07	-0.01
18:21:01	0.08	0.06	0.00
<b>N2 Zero</b>	<b>0.09</b>	<b>0.07</b>	<b>0.00</b>
18:21:11	7.33	5.38	2.44
18:21:21	18.93	0.14	12.84
18:21:31	20.02	0.09	14.18
18:21:41	20.10	0.07	14.36
18:21:51	20.15	0.06	14.46
18:22:01	20.18	0.06	14.52
18:22:11	20.22	0.05	14.57
18:22:21	20.23	0.05	14.61
18:22:31	20.25	0.05	14.64
18:22:41	20.26	0.05	14.66
18:22:51	20.27	0.04	14.69
18:23:01	20.28	0.04	14.69
18:23:11	20.29	0.05	14.69
<b>14.8 propane</b>	<b>20.28</b>	<b>0.05</b>	<b>14.69</b>
18:23:21	20.06	0.62	7.44
18:23:31	11.04	6.68	0.49
18:23:41	10.31	7.00	0.30
18:23:51	10.17	7.07	0.26
18:24:01	10.16	7.07	0.23
18:24:11	10.26	6.99	0.21
18:24:21	10.46	6.84	0.19
18:24:31	10.59	6.78	0.18
18:24:41	10.54	6.84	0.18
<b>Resume 1B</b>			
18:24:51	10.46	6.91	0.17
18:25:01	10.31	7.02	0.16
18:25:11	10.20	7.08	0.16
18:25:21	10.10	7.14	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:25:31	10.15	7.08	0.17
18:25:41	10.27	6.99	0.17
18:25:51	10.42	6.88	0.16
18:26:01	10.50	6.85	0.16
18:26:11	10.45	6.89	0.16
18:26:21	10.36	6.96	0.16
18:26:31	10.21	7.05	0.17
18:26:41	10.13	7.11	0.16
18:26:51	10.02	7.17	0.17
18:27:01	10.08	7.13	0.17
18:27:11	10.17	7.04	0.17
18:27:21	10.36	6.91	0.18
18:27:31	10.47	6.85	0.17
18:27:41	10.47	6.88	0.17
18:27:51	10.46	6.91	0.17
18:28:01	10.42	6.94	0.16
18:28:11	10.40	6.96	0.14
18:28:21	10.42	6.94	0.15
18:28:31	10.52	6.87	0.16
18:28:41	10.67	6.75	0.16
18:28:51	10.85	6.63	0.16
18:29:01	10.91	6.61	0.17
18:29:11	10.89	6.65	0.17
18:29:21	10.78	6.75	0.17
18:29:31	10.70	6.81	0.17
18:29:41	10.59	6.89	0.17
18:29:51	10.61	6.86	0.18
18:30:01	10.68	6.82	0.17
18:30:11	10.84	6.67	0.17
18:30:21	10.99	6.59	0.18
18:30:31	11.02	6.59	0.18
18:30:41	10.94	6.66	0.18
18:30:51	10.88	6.71	0.18
18:31:01	10.79	6.78	0.19
18:31:11	10.72	6.85	0.19
18:31:21	10.62	6.92	0.19
18:31:31	10.54	6.98	0.19
18:31:41	10.49	7.02	0.19
18:31:51	10.43	7.08	0.19
18:32:01	10.37	7.12	0.17
18:32:11	10.38	7.08	0.17
18:32:21	10.49	7.00	0.17
18:32:31	10.66	6.85	0.18
18:32:41	10.87	6.70	0.20
18:32:51	10.97	6.65	0.19
18:33:01	10.95	6.66	0.20
18:33:11	10.83	6.76	0.20
18:33:21	10.74	6.80	0.20
18:33:31	10.68	6.84	0.18
18:33:41	10.68	6.82	0.17
18:33:51	10.75	6.75	0.17
18:34:01	10.90	6.63	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:34:11	11.08	6.53	0.18
18:34:21	11.11	6.53	0.20
18:34:31	11.04	6.59	0.19
18:34:41	10.90	6.71	0.18
18:34:51	10.77	6.80	0.17
18:35:01	10.69	6.85	0.16
18:35:11	10.70	6.83	0.15
18:35:21	10.75	6.78	0.17
18:35:31	10.89	6.67	0.17
18:35:41	10.96	6.65	0.18
18:35:51	10.88	6.72	0.17
18:36:01	10.74	6.82	0.17
18:36:11	10.57	6.94	0.17
18:36:21	10.43	7.04	0.17
18:36:31	10.33	7.07	0.17
18:36:41	10.37	7.04	0.17
18:36:51	10.44	6.97	0.17
18:37:01	10.60	6.86	0.17
18:37:11	10.70	6.83	0.17
18:37:21	10.66	6.87	0.17
18:37:31	10.58	6.95	0.18
18:37:41	10.44	7.06	0.20
18:37:51	10.35	7.13	0.20
18:38:01	10.29	7.16	0.19
18:38:11	10.34	7.13	0.19
18:38:21	10.45	7.04	0.19
18:38:31	10.62	6.94	0.18
18:38:41	10.66	6.95	0.19
18:38:51	10.61	7.00	0.18
18:39:01	10.54	7.07	0.17
18:39:11	10.42	7.15	0.16
18:39:21	10.36	7.19	0.17
18:39:31	10.43	7.12	0.17
18:39:41	10.52	7.08	0.18
18:39:51	10.62	6.98	0.18
18:40:01	10.76	6.89	0.18
18:40:11	10.79	6.90	0.19
18:40:21	10.69	6.98	0.20
18:40:31	10.58	7.07	0.18
18:40:41	10.41	7.18	0.17
18:40:51	10.31	7.24	0.18
18:41:01	10.31	7.20	0.17
18:41:11	10.35	7.18	0.18
18:41:21	10.46	7.10	0.18
18:41:31	10.63	6.97	0.18
18:41:41	10.67	6.97	0.18
18:41:51	10.62	7.01	0.17
18:42:01	10.55	7.08	0.16
18:42:11	10.39	7.19	0.17
18:42:21	10.26	7.28	0.17
18:42:31	10.19	7.31	0.18
18:42:41	10.20	7.29	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:42:51	10.32	7.19	0.18
18:43:01	10.43	7.12	0.19
18:43:11	10.43	7.14	0.20
18:43:21	10.36	7.18	0.19
18:43:31	10.27	7.28	0.19
18:43:41	10.14	7.38	0.20
18:43:51	10.05	7.42	0.20
18:44:01	10.08	7.39	0.20
18:44:11	10.15	7.32	0.19
18:44:21	10.30	7.22	0.20
18:44:31	10.38	7.19	0.20
18:44:41	10.34	7.22	0.19
18:44:51	10.27	7.28	0.19
18:45:01	10.18	7.34	0.19
18:45:11	10.05	7.44	0.20
18:45:21	9.99	7.45	0.19
18:45:31	10.04	7.41	0.18
18:45:41	10.17	7.30	0.18
18:45:51	10.33	7.21	0.17
18:46:01	10.37	7.20	0.18
18:46:11	10.35	7.24	0.19
18:46:21	10.30	7.29	0.17
18:46:31	10.18	7.38	0.17
18:46:41	10.05	7.46	0.18
18:46:51	9.99	7.49	0.17
18:47:01	10.03	7.45	0.18
18:47:11	10.11	7.37	0.18
18:47:21	10.30	7.24	0.19
18:47:31	10.34	7.23	0.19
18:47:41	10.32	7.26	0.19
18:47:51	10.23	7.34	0.19
18:48:01	10.16	7.38	0.19
18:48:11	10.07	7.44	0.19
18:48:21	10.12	7.41	0.17
18:48:31	10.21	7.33	0.19
18:48:41	10.34	7.24	0.19
18:48:51	10.45	7.18	0.19
18:49:01	10.43	7.21	0.20
18:49:11	10.35	7.28	0.20
18:49:21	10.24	7.36	0.19
18:49:31	10.18	7.41	0.19
18:49:41	10.11	7.44	0.18
18:49:51	10.13	7.42	0.19
18:50:01	10.22	7.35	0.19
18:50:11	10.36	7.26	0.19
18:50:21	10.39	7.26	0.18
18:50:31	10.35	7.30	0.18
18:50:41	10.23	7.40	0.18
18:50:51	10.13	7.45	0.18
18:51:01	10.06	7.50	0.19
18:51:11	10.10	7.46	0.20
18:51:21	10.18	7.39	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:51:31	10.34	7.28	0.20
18:51:41	10.49	7.18	0.19
18:51:51	10.51	7.19	0.19
18:52:01	10.48	7.22	0.18
18:52:11	10.42	7.26	0.18
18:52:21	10.44	7.26	0.18
18:52:31	10.46	7.24	0.19
18:52:41	10.53	7.21	0.18
18:52:51	10.61	7.12	0.19
18:53:01	10.77	7.01	0.17
18:53:11	10.80	7.01	0.18
18:53:21	10.74	7.06	0.18
18:53:31	10.62	7.15	0.20
18:53:41	10.49	7.23	0.20
18:53:51	10.40	7.29	0.19
18:54:01	10.39	7.28	0.20
18:54:11	10.43	7.24	0.20
18:54:21	10.56	7.15	0.19
18:54:31	10.67	7.08	0.19
18:54:41	10.68	7.08	0.19
18:54:51	10.62	7.15	0.18
18:55:01	10.49	7.25	0.18
18:55:11	10.38	7.32	0.18
18:55:21	10.28	7.38	0.17
18:55:31	10.31	7.35	0.19
18:55:41	10.38	7.27	0.19
18:55:51	10.50	7.19	0.19
18:56:01	10.57	7.16	0.19
18:56:11	10.55	7.18	0.18
18:56:21	10.48	7.25	0.19
18:56:31	10.36	7.34	0.19
18:56:41	10.24	7.42	0.20
18:56:51	10.22	7.40	0.20
18:57:01	10.27	7.36	0.20
18:57:11	10.41	7.26	0.19
18:57:21	10.51	7.21	0.19
18:57:31	10.49	7.23	0.19
18:57:41	10.46	7.26	0.18
18:57:51	10.32	7.38	0.17
18:58:01	10.17	7.47	0.17
18:58:11	10.10	7.50	0.17
18:58:21	10.10	7.50	0.17
18:58:31	10.15	7.45	0.17
18:58:41	10.26	7.37	0.17
18:58:51	10.33	7.34	0.17
18:59:01	10.30	7.36	0.17
18:59:11	10.29	7.39	0.18
18:59:21	10.21	7.45	0.18
18:59:31	10.22	7.45	0.18
18:59:41	10.24	7.43	0.19
18:59:51	10.27	7.40	0.19
19:00:01	10.38	7.30	0.19



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:00:11	10.55	7.20	0.19
19:00:21	10.60	7.18	0.20
19:00:31	10.61	7.18	0.19
19:00:41	10.56	7.23	0.18
19:00:51	10.47	7.28	0.19
19:01:01	10.41	7.32	0.19
19:01:11	10.48	7.26	0.19
19:01:21	10.54	7.22	0.20
19:01:31	10.69	7.09	0.20
19:01:41	10.84	7.00	0.20
19:01:51	10.85	7.02	0.20
19:02:01	10.79	7.08	0.20
19:02:11	10.75	7.11	0.19
19:02:21	10.66	7.19	0.18
19:02:31	10.57	7.26	0.17
19:02:41	10.40	7.38	0.17
19:02:51	10.30	7.46	0.17
19:03:01	10.25	7.47	0.15
19:03:11	10.32	7.43	0.16
19:03:21	10.42	7.33	0.16
19:03:31	10.58	7.22	0.16
19:03:41	10.67	7.17	0.17
19:03:51	10.66	7.18	0.17
19:04:01	10.55	7.27	0.17
19:04:11	10.42	7.35	0.16
19:04:21	10.37	7.37	0.16
19:04:31	10.39	7.33	0.16
19:04:41	10.52	7.22	0.16
19:04:51	10.72	7.06	0.16
19:05:01	10.89	6.94	0.15
19:05:11	10.93	6.93	0.15
19:05:21	10.94	6.93	0.15
19:05:31	10.91	6.97	0.15
19:05:41	10.88	6.98	0.14
19:05:51	10.90	6.96	0.14
19:06:01	11.01	6.86	0.14
19:06:11	11.15	6.75	0.14
19:06:21	11.36	6.59	0.15
19:06:31	11.51	6.50	0.15
19:06:41	11.52	6.51	0.17
19:06:51	11.44	6.58	0.16
19:07:01	11.28	6.72	0.16
19:07:11	11.17	6.78	0.15
19:07:21	11.09	6.84	0.15
19:07:31	11.12	6.80	0.17
19:07:41	11.21	6.72	0.17
19:07:51	11.35	6.60	0.15
19:08:01	11.44	6.55	0.15
19:08:11	11.40	6.59	0.13
19:08:21	11.30	6.66	0.13
19:08:31	11.15	6.77	0.13
19:08:41	11.05	6.84	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:08:51	10.95	6.91	0.14
19:09:01	10.93	6.90	0.14
19:09:11	10.99	6.83	0.15
19:09:21	11.13	6.73	0.15
19:09:31	11.23	6.66	0.15
19:09:41	11.17	6.73	0.14
19:09:51	11.03	6.83	0.15
19:10:01	10.87	6.95	0.14
19:10:11	10.79	6.99	0.14
19:10:21	10.76	7.00	0.14
19:10:31	10.82	6.96	0.15
19:10:41	10.93	6.88	0.14
19:10:51	11.08	6.76	0.15
19:11:01	11.17	6.70	0.16
19:11:11	11.10	6.77	0.17
19:11:21	10.99	6.85	0.16
19:11:31	10.86	6.94	0.15
19:11:41	10.80	6.98	0.15
19:11:51	10.76	7.00	0.14
19:12:01	10.80	6.97	0.14
19:12:11	10.91	6.86	0.16
19:12:21	11.05	6.77	0.16
19:12:31	11.08	6.77	0.15
19:12:41	11.03	6.82	0.15
19:12:51	10.98	6.86	0.14
19:13:01	10.91	6.91	0.15
19:13:11	10.82	6.99	0.14
19:13:21	10.75	7.04	0.14
19:13:31	10.69	7.08	0.14
19:13:41	10.62	7.13	0.14
19:13:51	10.66	7.08	0.14
19:14:01	10.72	7.03	0.14
19:14:11	10.88	6.91	0.15
19:14:21	10.99	6.83	0.14
19:14:31	11.03	6.81	0.14
19:14:41	10.96	6.87	0.14
19:14:51	10.93	6.89	0.14
19:15:01	10.90	6.92	0.15
19:15:11	10.86	6.95	0.15
19:15:21	10.84	6.96	0.15
19:15:31	10.83	6.97	0.15
19:15:41	10.84	6.97	0.15
19:15:51	10.83	6.97	0.14
19:16:01	10.84	6.98	0.15
19:16:11	10.83	7.00	0.15
19:16:21	10.82	7.01	0.17
19:16:31	10.81	7.02	0.17
19:16:41	10.83	7.01	0.16
19:16:51	10.79	7.03	0.16
19:17:01	10.78	7.03	0.16
19:17:11	10.73	7.07	0.16
19:17:21	10.75	7.04	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:17:31	10.83	6.97	0.16
19:17:41	10.93	6.89	0.17
19:17:51	11.08	6.76	0.16
19:18:01	11.25	6.65	0.17
19:18:11	11.34	6.60	0.16
19:18:21	11.29	6.65	0.16
19:18:31	11.15	6.77	0.16
19:18:41	10.98	6.88	0.14
19:18:51	10.84	6.98	0.14
19:19:01	10.78	7.00	0.14
19:19:11	10.75	7.01	0.14
19:19:21	10.78	6.97	0.14
19:19:31	10.85	6.92	0.13
19:19:41	10.82	6.96	0.14
19:19:51	10.67	7.07	0.14
19:20:01	10.49	7.21	0.15
19:20:11	10.33	7.32	0.15
19:20:21	10.26	7.36	0.17
19:20:31	10.25	7.34	0.17
19:20:41	10.30	7.30	0.16
19:20:51	10.41	7.21	0.16
19:21:01	10.51	7.15	0.17
19:21:11	10.46	7.21	0.16
19:21:21	10.34	7.30	0.16
19:21:31	10.13	7.46	0.16
19:21:41	10.02	7.52	0.15
19:21:51	9.94	7.58	0.14
19:22:01	9.96	7.54	0.13
19:22:11	10.05	7.47	0.14
19:22:21	10.23	7.34	0.14
19:22:31	10.34	7.29	0.14
19:22:41	10.32	7.32	0.14
19:22:51	10.20	7.41	0.14
19:23:01	10.08	7.50	0.14
19:23:11	9.99	7.54	0.15
19:23:21	9.93	7.56	0.16
19:23:31	10.04	7.49	0.15
19:23:41	10.17	7.38	0.14
19:23:51	10.35	7.26	0.15
19:24:01	10.42	7.23	0.14
19:24:11	10.38	7.27	0.15
19:24:21	10.29	7.34	0.14
19:24:31	10.14	7.44	0.14
19:24:41	10.07	7.49	0.14
19:24:51	10.02	7.51	0.14
19:25:01	10.06	7.47	0.14
19:25:11	10.17	7.37	0.14
19:25:21	10.31	7.27	0.14
19:25:31	10.38	7.23	0.15
19:25:41	10.34	7.28	0.15
19:25:51	10.22	7.36	0.14
19:26:01	10.08	7.46	0.14

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
19:26:11	9.95	7.54	0.14
19:26:21	9.93	7.54	0.14
19:26:31	9.97	7.51	0.14
19:26:41	10.06	7.43	0.15
19:26:51	10.20	7.34	0.15
19:27:01	10.20	7.35	0.14
19:27:11	10.12	7.42	0.14
19:27:21	10.03	7.49	0.14
19:27:31	9.88	7.58	0.14
19:27:41	9.80	7.62	0.15
19:27:51	9.79	7.61	0.14
19:28:01	9.88	7.54	0.15
19:28:11	10.01	7.44	0.15
19:28:21	10.16	7.35	0.14
19:28:31	10.18	7.36	0.15
19:28:41	10.13	7.41	0.14
19:28:51	9.99	7.52	0.14
19:29:01	9.86	7.61	0.13
19:29:11	9.77	7.67	0.14
19:29:21	9.81	7.63	0.14
19:29:31	9.91	7.54	0.14
19:29:41	10.08	7.42	0.15
19:29:51	10.17	7.38	0.14
19:30:01	10.22	7.36	0.14
19:30:11	10.20	7.39	0.14
19:30:21	10.15	7.42	0.14
19:30:31	10.10	7.45	0.15
19:30:41	10.07	7.48	0.14
19:30:51	9.97	7.55	0.14
19:31:01	9.92	7.58	0.14
19:31:11	9.91	7.58	0.14
19:31:21	10.02	7.50	0.13
19:31:31	10.11	7.43	0.14
19:31:41	10.27	7.30	0.14
19:31:51	10.42	7.22	0.14
19:32:01	10.46	7.22	0.14
19:32:11	10.43	7.26	0.15
19:32:21	10.33	7.34	0.14
19:32:31	10.26	7.39	0.14
19:32:41	10.22	7.40	0.15
19:32:51	10.25	7.34	0.15
19:33:01	10.35	7.28	0.14
19:33:11	10.49	7.18	0.14
19:33:21	10.59	7.12	0.15
19:33:31	10.57	7.17	0.15
19:33:41	10.50	7.23	0.14
19:33:51	10.38	7.32	0.14
<b>End Run 1B</b>	<b>11.25</b>	<b>6.46</b>	<b>0.15</b>
19:34:01	10.32	7.36	0.14
19:34:11	10.26	7.39	0.14
19:34:21	10.30	7.35	0.14
19:34:31	10.35	7.29	0.14

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
19:34:41	10.50	7.17	0.15
19:34:51	10.56	7.15	0.15
19:35:01	10.52	7.18	0.15
19:35:11	10.46	7.24	0.15
19:35:21	10.34	7.32	0.15
19:35:31	10.27	7.37	0.14
19:35:41	10.26	7.36	0.14
19:35:51	10.30	7.34	0.15
19:36:01	10.42	7.24	0.15
19:36:11	10.55	7.16	0.14
19:36:21	10.55	7.17	0.15
19:36:31	10.51	7.20	0.15
19:36:41	10.40	7.29	0.14
19:36:51	10.28	7.36	0.14
19:37:01	10.23	7.40	0.14
19:37:11	10.26	7.35	0.15
<b>25A Drift Check / Cal Bias</b>			
19:37:21	10.78	6.68	0.56
19:37:31	1.46	0.41	0.03
19:37:41	0.23	0.22	0.01
19:37:51	0.17	0.17	0.01
19:38:01	0.13	0.14	0.01
19:38:11	0.12	0.12	0.01
19:38:21	0.10	0.11	0.01
19:38:31	0.09	0.10	0.00
19:38:41	0.08	0.09	0.00
19:38:51	0.07	0.08	-0.01
<b>N2 Zero</b>			
	<b>0.08</b>	<b>0.09</b>	<b>0.00</b>
19:39:01	3.32	1.60	0.20
19:39:11	8.62	7.72	0.01
19:39:21	9.83	9.62	-0.03
19:39:31	9.88	9.73	-0.03
19:39:41	9.90	9.78	-0.03
19:39:51	9.92	9.81	-0.04
19:40:01	9.92	9.84	-0.04
19:40:11	9.93	9.85	-0.04
19:40:21	9.94	9.87	-0.05
19:40:31	9.94	9.86	-0.05
<b>10.1/10.0 O2/CO2</b>			
	<b>9.94</b>	<b>9.86</b>	<b>-0.05</b>
19:40:41	10.09	9.49	0.28
19:40:51	12.56	6.86	8.17
19:41:01	19.90	0.46	14.04
19:41:11	20.22	0.29	14.56
19:41:21	20.28	0.21	14.67
19:41:31	20.31	0.16	14.70
19:41:41	20.34	0.13	14.73
19:41:51	20.36	0.11	14.76
19:42:01	20.37	0.10	14.77
19:42:11	20.38	0.09	14.78
<b>14.8 propane</b>			
	<b>20.37</b>	<b>0.10</b>	<b>14.77</b>
19:42:21	20.39	0.08	14.80
19:42:31	20.39	0.08	13.45

**Veolia Sauguet Unit 3**

Uncorrected Concentrations									
16-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 2A	1115-1225	13.22	4.95						0.00
Run 2B	1400-1720	11.05	6.82				0.18	42.94	0.31

Corrected O <sub>2</sub> Conc.					
16-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	1115-1225	13.22	0.09	1.02	13.38
Run 2B	1400-1720	11.05	0.10	1.02	11.19

Corrected CO <sub>2</sub> Conc.					
16-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	1115-1225	4.95	0.06	1.01	4.96
Run 2B	1400-1720	6.82	0.05	1.02	6.88

**Veolia Sauget Unit 3  
O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/16/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 0-25  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	8:24	0.03	0.03	0.1%
span gas	cc189665	22.50	8:26	22.50	0.00	0.0%
mid-range	cc43355	10.10	8:27	10.11	0.01	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 2A	0.00	0.03	8:31	0.07	0.2%	12:28	0.10	0.3%	0.1%	C <sub>0</sub> = 0.088 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.019
	10.10	10.11	8:29	10.04	-0.3%	12:31	9.96	-0.7%	-0.4%	
Run 2B	0.00	0.03	13:49	0.12	0.4%	17:26	0.08	0.2%	-0.2%	C <sub>0</sub> = 0.100 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.023
	10.10	10.11	13:51	9.98	-0.6%	17:28	9.97	-0.6%	0.0%	

**Veolia Sauget Unit 3**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/16/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 0-20  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	8:24	0.05	0.05	0.2%
span gas	cc189665	19.20	8:26	19.22	0.02	0.1%
mid-range	cc43355	10.00	8:27	10.10	0.10	0.5%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 2A	0.00	0.05	8:31	0.06	0.1%	12:28	0.07	0.1%	0.0%	$C_O = 0.064$
	10.00	10.10	8:29	9.93	-0.9%	12:31	9.92	-0.9%	0.0%	$C_{MM}/(C_M - C_O) = 1.014$
Run 2B	0.00	0.05	13:49	0.03	-0.1%	17:26	0.08	0.1%	0.3%	$C_O = 0.052$
	10.00	10.10	13:51	9.88	-1.1%	17:28	9.89	-1.1%	0.0%	$C_{MM}/(C_M - C_O) = 1.017$



**Veolia Sauget Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/16/2013  
**Instrument Make/Model:** Thermo 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 0-30  
**Units:** ppm  
**Technician(s):** dc

**EPA Method 25A Calibration Error Test Results**

						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	13:49	-0.08	0.08	n/a
<b>Span</b>	alm025456	24.70	13:44	24.79	0.09	0.4%
<b>Mid</b>	alm028646	14.80	13:45	15.17	0.37	2.5%
<b>Low</b>	alm057529	8.43	13:47	8.61	0.18	2.2%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 2B	-0.08	15:03	0.01	0.3
	15.17	15:05	14.95	-0.7
Run 2B	-0.08	16:16	0.03	0.3
	15.17	16:17	14.88	-1.0
Run 2B	-0.08	17:26	-0.02	0.2
	15.17	17:29	15.25	0.3

		<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>		<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
	8:21:55	0.05	0.01	0.32
	8:22:05	0.04	0.01	0.32
	8:22:15	0.05	0.01	0.31
	8:22:25	12.13	11.89	0.30
	8:22:35	22.25	19.10	0.34
	8:22:45	22.48	19.16	0.34
	8:22:55	22.49	19.18	0.36
	8:23:05	22.50	19.18	0.35
	8:23:15	22.51	19.19	0.34
	8:23:25	22.51	19.20	0.33
	8:23:35	22.47	19.03	0.32
	8:23:45	1.71	0.16	0.39
<b>Cal Error</b>				
	8:23:55	0.08	0.10	0.37
	8:24:05	0.05	0.07	0.31
	8:24:15	0.04	0.06	0.32
	8:24:25	0.03	0.05	0.31
	8:24:35	0.03	0.05	0.31
	8:24:45	0.02	0.05	0.31
	8:24:55	0.03	0.05	0.33
<b>N2 Zero</b>		<b>0.03</b>	<b>0.05</b>	<b>0.32</b>
	8:25:05	2.95	1.46	0.32
	8:25:15	22.16	19.12	0.31
	8:25:25	22.47	19.18	0.32
	8:25:35	22.49	19.20	0.33
	8:25:45	22.50	19.21	0.32
	8:25:55	22.50	19.22	0.31
	8:26:05	22.51	19.22	0.30
<b>22.5/19.2 O2/CO2</b>		<b>22.50</b>	<b>19.22</b>	<b>0.31</b>
	8:26:15	22.45	19.09	0.31
	8:26:25	21.27	13.91	0.31
	8:26:35	10.25	10.11	0.30
	8:26:45	10.13	10.10	0.30
	8:26:55	10.12	10.10	0.31
	8:27:05	10.11	10.10	0.30
	8:27:15	10.11	10.10	0.32
	8:27:25	10.11	10.10	0.37
	8:27:35	10.11	10.10	0.41
<b>10.1/10.0 O2/CO2</b>		<b>10.11</b>	<b>10.10</b>	<b>0.36</b>
	8:27:45	10.09	10.03	0.47
	8:27:55	10.10	10.01	0.35
	8:28:05	14.44	3.17	1.09
	8:28:15	12.50	9.02	0.49
<b>Cal Bias</b>				
	8:28:25	10.16	9.80	0.01
	8:28:35	10.10	9.86	-0.03
	8:28:45	10.08	9.88	-0.06
	8:28:55	10.06	9.90	-0.06
	8:29:05	10.05	9.92	-0.05
	8:29:15	10.04	9.93	-0.05
	8:29:25	10.04	9.94	-0.07

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
8:29:35	10.03	9.94	0.06
<b>10.1/10.0 O2/CO2</b>	<b>10.04</b>	<b>9.93</b>	<b>-0.02</b>
8:29:45	14.55	3.62	0.14
8:29:55	1.36	0.49	-0.05
8:30:05	0.29	0.26	-0.07
8:30:15	0.20	0.19	-0.08
8:30:25	0.16	0.15	-0.09
8:30:35	0.13	0.12	-0.10
8:30:45	0.11	0.10	-0.08
8:30:55	0.10	0.09	-0.08
8:31:05	0.09	0.08	-0.08
8:31:15	0.08	0.07	-0.09
8:31:25	0.08	0.06	-0.10
8:31:35	0.07	0.06	-0.08
<b>N2 Zero</b>	<b>0.07</b>	<b>0.06</b>	<b>-0.09</b>
8:31:45	7.38	2.10	0.23
8:31:55	14.71	2.96	0.22
8:32:05	14.99	3.01	0.20
8:32:15	13.43	2.98	0.17
8:32:25	15.18	3.05	0.17
8:32:35	15.25	3.06	0.16
8:32:45	15.25	3.07	0.15
8:32:55	15.26	3.06	0.14
8:33:05	15.28	3.06	0.15
8:33:15	15.29	3.05	0.15
8:33:25	15.31	3.05	0.14
8:33:35	15.33	3.03	0.14
8:33:45	15.37	3.00	0.15
8:33:55	15.47	2.93	0.15
8:34:05	15.66	2.82	0.15
8:34:15	15.88	2.71	0.15
8:34:25	16.08	2.61	0.14
8:34:35	16.24	2.53	0.14
8:34:45	16.37	2.47	0.13
8:34:55	16.41	2.47	0.14
8:35:05	16.38	2.50	0.14
8:35:15	16.32	2.54	0.14
8:35:25	16.25	2.59	0.14
8:35:35	16.18	2.64	0.14
8:35:45	16.06	2.71	0.14
8:35:55	15.91	2.81	0.14
8:36:05	15.73	2.92	0.15
8:36:15	15.58	3.03	0.16
8:36:25	15.47	3.10	0.14
8:36:35	15.36	3.17	0.14
8:36:45	15.29	3.22	0.14
8:36:55	15.23	3.26	0.14
8:37:05	15.19	3.29	0.15
8:37:15	15.16	3.31	0.15
8:37:25	15.12	3.34	0.15
8:37:35	15.07	3.36	0.14
8:37:45	15.06	3.37	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:37:55	15.00	3.41	0.14
8:38:05	14.94	3.46	0.14
8:38:15	14.90	3.50	0.14
8:38:25	14.90	3.51	0.14
8:38:35	14.95	3.50	0.14
8:38:45	15.03	3.48	0.13
8:38:55	15.11	3.46	0.14
8:39:05	15.20	3.41	0.14
8:39:15	15.29	3.37	0.14
8:39:25	15.37	3.33	0.14
8:39:35	15.46	3.29	0.14
8:39:45	15.51	3.27	0.14
8:39:55	15.52	3.27	0.15
8:40:05	15.53	3.26	0.15
8:40:15	15.53	3.27	0.14
8:40:25	15.55	3.26	0.15
8:40:35	15.49	3.31	0.14
8:40:45	15.44	3.33	0.14
8:40:55	15.38	3.38	0.14
8:41:05	15.35	3.40	0.14
8:41:15	15.34	3.40	0.15
8:41:25	15.33	3.40	0.15
8:41:35	15.33	3.41	0.15
8:41:45	15.31	3.42	0.16
8:41:55	15.26	3.45	0.15
8:42:05	15.18	3.51	0.15
8:42:15	15.11	3.55	0.16
8:42:25	14.98	3.64	0.16
8:42:35	14.66	3.88	0.14
8:42:45	14.19	4.14	0.13
8:42:55	13.83	4.35	0.13
8:43:05	13.59	4.50	0.13
8:43:15	13.36	4.66	0.13
8:43:25	13.17	4.79	0.13
8:43:35	13.00	4.90	0.12
8:43:45	12.90	4.97	0.13
8:43:55	12.83	5.02	0.13
8:44:05	13.79	4.19	0.20
8:44:15	14.77	3.86	0.22
8:44:25	14.07	4.34	0.19
8:44:35	13.63	4.61	0.15
8:44:45	13.28	4.80	0.14
8:44:55	13.23	4.81	0.14
8:45:05	13.32	4.75	0.14
8:45:15	13.42	4.69	0.15
8:45:25	13.51	4.64	0.13
8:45:35	13.59	4.59	0.12
8:45:45	13.66	4.55	0.12
8:45:55	13.70	4.53	0.12
8:46:05	13.72	4.47	0.15
8:46:15	14.37	4.07	0.17
8:46:25	14.32	4.17	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:46:35	14.40	4.14	0.15
8:46:45	14.23	4.24	0.14
8:46:55	14.20	4.25	0.14
8:47:05	14.21	4.24	0.13
8:47:15	14.22	4.24	0.14
8:47:25	14.22	4.23	0.14
8:47:35	14.25	4.22	0.13
8:47:45	14.23	4.23	0.13
8:47:55	14.24	4.23	0.14
8:48:05	14.17	4.22	0.14
8:48:15	14.24	4.19	0.14
8:48:25	14.27	4.19	0.14
8:48:35	14.29	4.18	0.13
8:48:45	14.32	4.16	0.14
8:48:55	14.35	4.16	0.13
8:49:05	14.39	4.13	0.14
8:49:15	14.42	4.12	0.13
8:49:25	14.45	4.09	0.13
8:49:35	14.51	4.06	0.14
8:49:45	14.53	4.06	0.14
8:49:55	14.52	4.06	0.14
8:50:05	14.51	4.06	0.13
8:50:15	14.50	4.07	0.13
8:50:25	14.48	4.08	0.14
8:50:35	14.47	4.09	0.15
8:50:45	14.44	4.11	0.15
8:50:55	14.42	4.12	0.15
8:51:05	14.40	4.13	0.14
8:51:15	14.39	4.13	0.14
8:51:25	14.41	4.13	0.14
8:51:35	14.43	4.11	0.14
8:51:45	14.47	4.09	0.14
8:51:55	14.48	4.09	0.14
8:52:05	14.50	4.07	0.14
8:52:15	14.52	4.07	0.13
8:52:25	14.53	4.06	0.13
8:52:35	14.53	4.06	0.13
8:52:45	14.55	4.05	0.13
8:52:55	14.54	4.06	0.13
8:53:05	14.55	4.05	0.13
8:53:15	14.56	4.05	0.14
8:53:25	14.54	4.06	0.14
8:53:35	14.53	4.06	0.14
8:53:45	14.53	4.06	0.14
8:53:55	14.53	4.06	0.14
8:54:05	14.52	4.06	0.14
8:54:15	14.52	4.06	0.14
8:54:25	14.51	4.07	0.14
8:54:35	14.50	4.07	0.14
8:54:45	14.49	4.08	0.14
8:54:55	14.50	4.08	0.14
8:55:05	14.49	4.09	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:55:15	14.46	4.11	0.13
8:55:25	14.44	4.12	0.14
8:55:35	14.43	4.13	0.14
8:55:45	14.42	4.13	0.14
8:55:55	14.40	4.15	0.13
8:56:05	14.41	4.14	0.13
8:56:15	14.42	4.14	0.13
8:56:25	14.44	4.13	0.13
8:56:35	14.45	4.12	0.13
8:56:45	14.45	4.13	0.14
8:56:55	14.44	4.13	0.14
8:57:05	14.43	4.14	0.15
8:57:15	14.44	4.13	0.15
8:57:25	14.44	4.13	0.15
8:57:35	14.42	4.15	0.14
8:57:45	14.40	4.17	0.14
8:57:55	14.39	4.16	0.14
8:58:05	14.40	4.16	0.14
8:58:15	14.41	4.15	0.13
8:58:25	14.42	4.15	0.14
8:58:35	14.42	4.15	0.14
8:58:45	14.42	4.14	0.14
8:58:55	14.43	4.14	0.14
8:59:05	14.43	4.14	0.14
8:59:15	14.44	4.14	0.14
8:59:25	14.44	4.13	0.15
8:59:35	14.45	4.13	0.14
8:59:45	14.43	4.14	0.13
8:59:55	14.42	4.14	0.12
9:00:05	14.41	4.15	0.14
9:00:15	14.41	4.15	0.14
9:00:25	14.41	4.15	0.13
9:00:35	14.41	4.15	0.14
9:00:45	14.41	4.16	0.15
9:00:55	14.40	4.16	0.15
9:01:05	14.41	4.16	0.14
9:01:15	14.41	4.15	0.14
9:01:25	14.42	4.15	0.13
9:01:35	14.42	4.15	0.14
9:01:45	14.42	4.15	0.14
9:01:55	14.42	4.14	0.14
9:02:05	14.42	4.14	0.14
9:02:15	14.44	4.13	0.13
9:02:25	14.43	4.13	0.13
9:02:35	14.44	4.13	0.13
9:02:45	14.43	4.14	0.13
9:02:55	14.43	4.14	0.14
9:03:05	14.42	4.14	0.13
9:03:15	14.42	4.15	0.13
9:03:25	14.41	4.15	0.13
9:03:35	14.41	4.16	0.14
9:03:45	14.41	4.16	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:03:55	14.41	4.16	0.13
9:04:05	14.40	4.16	0.13
9:04:15	14.41	4.16	0.13
9:04:25	14.40	4.16	0.14
9:04:35	14.40	4.17	0.13
9:04:45	14.39	4.17	0.13
9:04:55	14.39	4.17	0.13
9:05:05	14.39	4.17	0.13
9:05:15	14.40	4.17	0.14
9:05:25	14.39	4.17	0.14
9:05:35	14.40	4.17	0.14
9:05:45	14.40	4.17	0.14
9:05:55	14.39	4.18	0.14
9:06:05	14.41	4.17	0.13
9:06:15	14.41	4.17	0.14
9:06:25	14.40	4.17	0.14
9:06:35	14.41	4.17	0.14
9:06:45	14.41	4.15	0.15
9:06:55	14.40	4.16	0.14
9:07:05	14.41	4.16	0.15
9:07:15	14.40	4.16	0.15
9:07:25	14.41	4.16	0.13
9:07:35	14.40	4.16	0.13
9:07:45	14.39	4.17	0.14
9:07:55	14.38	4.18	0.14
9:08:05	14.39	4.17	0.14
9:08:15	14.39	4.17	0.13
9:08:25	14.37	4.18	0.14
9:08:35	14.38	4.18	0.13
9:08:45	14.39	4.17	0.14
9:08:55	14.40	4.17	0.15
9:09:05	14.41	4.16	0.14
9:09:15	14.42	4.16	0.13
9:09:25	14.46	4.13	0.13
9:09:35	14.60	4.05	0.13
9:09:45	14.75	3.98	0.13
9:09:55	14.88	3.91	0.14
9:10:05	15.02	3.84	0.14
9:10:15	15.14	3.78	0.14
9:10:25	15.23	3.73	0.13
9:10:35	15.30	3.69	0.13
9:10:45	15.34	3.67	0.13
9:10:55	15.35	3.67	0.13
9:11:05	15.38	3.66	0.13
9:11:15	15.37	3.66	0.13
9:11:25	15.37	3.66	0.13
9:11:35	15.31	3.71	0.13
9:11:45	15.17	3.79	0.12
9:11:55	15.00	3.88	0.11
9:12:05	14.87	3.95	0.11
9:12:15	14.75	4.01	0.11
9:12:25	14.63	4.08	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:12:35	14.54	4.12	0.11
9:12:45	14.50	4.14	0.12
9:12:55	14.45	4.18	0.12
9:13:05	14.43	4.18	0.13
9:13:15	14.44	4.18	0.13
9:13:25	14.47	4.16	0.13
9:13:35	14.58	4.10	0.13
9:13:45	14.73	4.02	0.13
9:13:55	14.88	3.94	0.11
9:14:05	15.00	3.89	0.13
9:14:15	15.10	3.83	0.13
9:14:25	15.17	3.80	0.13
9:14:35	15.21	3.78	0.13
9:14:45	15.20	3.80	0.12
9:14:55	15.08	3.87	0.12
9:15:05	14.96	3.93	0.12
9:15:15	14.80	4.01	0.12
9:15:25	14.64	4.09	0.12
9:15:35	14.51	4.17	0.12
9:15:45	14.40	4.22	0.12
9:15:55	14.31	4.27	0.11
9:16:05	14.23	4.31	0.10
9:16:15	14.17	4.33	0.10
9:16:25	14.12	4.35	0.11
9:16:35	14.09	4.37	0.11
9:16:45	14.04	4.39	0.10
9:16:55	14.00	4.41	0.11
9:17:05	13.97	4.42	0.10
9:17:15	13.95	4.43	0.11
9:17:25	13.91	4.46	0.11
9:17:35	13.89	4.47	0.11
9:17:45	13.86	4.48	0.11
9:17:55	13.83	4.50	0.10
9:18:05	13.84	4.49	0.11
9:18:15	13.84	4.49	0.10
9:18:25	13.81	4.51	0.11
9:18:35	13.80	4.52	0.12
9:18:45	13.82	4.51	0.12
9:18:55	13.82	4.51	0.12
9:19:05	13.82	4.50	0.12
9:19:15	13.88	4.53	0.12
9:19:25	13.82	4.51	0.10
9:19:35	13.85	4.45	0.11
9:19:45	13.85	4.47	0.12
9:19:55	13.81	4.50	0.11
9:20:05	13.82	4.50	0.11
9:20:15	13.78	4.53	0.12
9:20:25	13.82	4.50	0.12
9:20:35	13.77	4.57	0.12
9:20:45	13.71	4.63	0.12
9:20:55	13.67	4.63	0.13
9:21:05	13.71	4.64	0.13



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:21:15	13.78	4.58	0.12
9:21:25	13.84	4.54	0.12
9:21:35	13.93	4.48	0.13
9:21:45	14.01	4.41	0.12
9:21:55	14.11	4.36	0.12
9:22:05	14.19	4.29	0.11
9:22:15	14.33	4.21	0.10
9:22:25	14.43	4.15	0.11
9:22:35	14.42	4.17	0.10
9:22:45	14.33	4.23	0.11
9:22:55	14.33	4.22	0.11
9:23:05	14.40	4.17	0.10
9:23:15	14.53	4.08	0.10
9:23:25	14.65	3.99	0.10
9:23:35	14.75	3.92	0.10
9:23:45	14.85	3.85	0.10
9:23:55	14.94	3.79	0.10
9:24:05	14.98	3.76	0.10
9:24:15	15.03	3.72	0.10
9:24:25	15.08	3.69	0.10
9:24:35	15.08	3.69	0.10
9:24:45	15.06	3.70	0.10
9:24:55	15.03	3.71	0.10
9:25:05	15.03	3.70	0.09
9:25:15	15.05	3.70	0.10
9:25:25	15.04	3.70	0.09
9:25:35	14.97	3.76	0.11
9:25:45	14.87	3.83	0.11
9:25:55	14.82	3.86	0.12
9:26:05	14.82	3.86	0.12
9:26:15	14.88	3.81	0.13
9:26:25	14.91	3.79	0.15
9:26:35	14.97	3.74	0.17
9:26:45	15.03	3.71	0.15
9:26:55	15.07	3.68	0.13
9:27:05	15.12	3.64	0.14
9:27:15	15.16	3.62	0.14
9:27:25	15.17	3.61	0.13
9:27:35	15.16	3.61	0.12
9:27:45	15.16	3.61	0.12
9:27:55	15.15	3.62	0.12
9:28:05	15.15	3.61	0.13
9:28:15	15.14	3.62	0.12
9:28:25	15.13	3.62	0.13
9:28:35	15.10	3.65	0.12
9:28:45	15.11	3.64	0.12
9:28:55	15.10	3.65	0.11
9:29:05	15.09	3.67	0.11
9:29:15	15.03	3.69	0.11
9:29:25	14.96	3.74	0.11
9:29:35	14.94	3.75	0.12
9:29:45	14.93	3.76	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:29:55	14.94	3.75	0.13
9:30:05	14.99	3.71	0.11
9:30:15	15.05	3.67	0.11
9:30:25	15.11	3.63	0.13
9:30:35	15.18	3.58	0.12
9:30:45	15.24	3.53	0.12
9:30:55	15.28	3.51	0.12
9:31:05	15.30	3.49	0.13
9:31:15	15.31	3.48	0.12
9:31:25	15.32	3.47	0.12
9:31:35	15.33	3.47	0.13
9:31:45	15.36	3.44	0.13
9:31:55	15.38	3.42	0.13
9:32:05	15.37	3.42	0.13
9:32:15	15.37	3.42	0.11
9:32:25	15.38	3.42	0.11
9:32:35	15.37	3.42	0.11
9:32:45	15.38	3.42	0.12
9:32:55	15.37	3.43	0.11
9:33:05	15.32	3.46	0.10
9:33:15	15.30	3.48	0.11
9:33:25	15.24	3.52	0.11
9:33:35	15.16	3.59	0.12
9:33:45	15.08	3.64	0.11
9:33:55	15.01	3.69	0.12
9:34:05	14.94	3.75	0.11
9:34:15	14.90	3.78	0.11
9:34:25	14.85	3.82	0.11
9:34:35	14.79	3.86	0.10
9:34:45	14.75	3.88	0.11
9:34:55	14.71	3.91	0.11
9:35:05	14.69	3.93	0.11
9:35:15	14.66	3.95	0.12
9:35:25	14.65	3.96	0.12
9:35:35	14.64	3.97	0.12
9:35:45	14.64	3.97	0.12
9:35:55	14.63	3.98	0.12
9:36:05	14.63	3.98	0.11
9:36:15	14.63	3.98	0.11
9:36:25	14.62	3.98	0.10
9:36:35	14.64	3.97	0.11
9:36:45	14.66	3.96	0.10
9:36:55	14.66	3.96	0.10
9:37:05	14.68	3.95	0.11
9:37:15	14.68	3.96	0.12
9:37:25	14.67	3.96	0.11
9:37:35	14.69	3.95	0.12
9:37:45	14.70	3.95	0.11
9:37:55	14.69	3.96	0.11
9:38:05	14.69	3.96	0.10
9:38:15	14.70	3.95	0.11
9:38:25	14.70	3.95	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:38:35	14.71	3.95	0.11
9:38:45	14.69	3.96	0.11
9:38:55	14.70	3.95	0.12
9:39:05	14.69	3.96	0.12
9:39:15	14.71	3.94	0.11
9:39:25	14.72	3.93	0.12
9:39:35	14.76	3.91	0.12
9:39:45	14.80	3.88	0.12
9:39:55	14.82	3.87	0.10
9:40:05	14.85	3.84	0.10
9:40:15	14.90	3.81	0.11
9:40:25	14.91	3.79	0.13
9:40:35	14.94	3.78	0.12
9:40:45	14.96	3.77	0.13
9:40:55	14.98	3.75	0.13
9:41:05	14.98	3.75	0.12
9:41:15	14.98	3.75	0.13
9:41:25	14.98	3.75	0.13
9:41:35	14.97	3.75	0.12
9:41:45	14.97	3.75	0.12
9:41:55	14.97	3.75	0.12
9:42:05	14.96	3.75	0.12
9:42:15	14.95	3.76	0.12
9:42:25	14.95	3.76	0.12
9:42:35	14.92	3.78	0.11
9:42:45	14.87	3.80	0.12
9:42:55	14.82	3.84	0.12
9:43:05	14.79	3.86	0.12
9:43:15	14.66	3.96	0.12
9:43:25	14.50	4.08	0.13
9:43:35	14.25	4.25	0.13
9:43:45	14.08	4.34	0.13
9:43:55	14.07	4.34	0.13
9:44:05	14.17	4.27	0.13
9:44:15	14.30	4.19	0.13
9:44:25	14.42	4.11	0.13
9:44:35	14.52	4.05	0.12
9:44:45	14.60	4.00	0.12
9:44:55	14.67	3.94	0.13
9:45:05	14.75	3.90	0.13
9:45:15	14.80	3.87	0.13
9:45:25	14.82	3.85	0.13
9:45:35	14.84	3.84	0.13
9:45:45	14.87	3.82	0.12
9:45:55	14.87	3.82	0.13
9:46:05	14.87	3.82	0.12
9:46:15	14.90	3.80	0.13
9:46:25	14.90	3.80	0.13
9:46:35	14.90	3.80	0.12
9:46:45	14.91	3.79	0.13
9:46:55	14.91	3.79	0.12
9:47:05	14.91	3.79	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:47:15	14.89	3.81	0.13
9:47:25	14.90	3.79	0.12
9:47:35	14.91	3.79	0.13
9:47:45	14.90	3.79	0.12
9:47:55	14.91	3.79	0.12
9:48:05	14.91	3.79	0.12
9:48:15	14.90	3.80	0.12
9:48:25	14.90	3.80	0.12
9:48:35	14.90	3.80	0.12
9:48:45	14.89	3.80	0.13
9:48:55	14.89	3.81	0.13
9:49:05	14.86	3.82	0.13
9:49:15	14.87	3.82	0.12
9:49:25	14.89	3.80	0.12
9:49:35	14.88	3.81	0.12
9:49:45	14.86	3.82	0.13
9:49:55	14.88	3.81	0.12
9:50:05	14.88	3.82	0.13
9:50:15	14.89	3.80	0.12
9:50:25	14.89	3.81	0.13
9:50:35	14.87	3.82	0.12
9:50:45	14.84	3.84	0.12
9:50:55	14.81	3.86	0.13
9:51:05	14.77	3.89	0.14
9:51:15	14.75	3.91	0.14
9:51:25	14.73	3.91	0.14
9:51:35	14.76	3.89	0.13
9:51:45	14.76	3.89	0.12
9:51:55	14.78	3.87	0.12
9:52:05	14.82	3.85	0.13
9:52:15	14.83	3.84	0.11
9:52:25	14.82	3.85	0.11
9:52:35	14.79	3.87	0.14
9:52:45	14.73	3.91	0.13
9:52:55	14.58	4.02	0.12
9:53:05	14.32	4.20	0.13
9:53:15	13.94	4.48	0.13
9:53:25	13.56	4.76	0.14
9:53:35	13.37	4.87	0.14
9:53:45	13.44	4.80	0.15
9:53:55	13.63	4.68	0.18
9:54:05	13.82	4.54	0.18
9:54:15	13.96	4.44	0.19
9:54:25	14.09	4.36	0.19
9:54:35	14.16	4.31	0.19
9:54:45	14.24	4.26	0.20
9:54:55	14.29	4.23	0.20
9:55:05	14.33	4.20	0.20
9:55:15	14.32	4.20	0.20
9:55:25	14.27	4.24	0.19
9:55:35	14.26	4.23	0.18
9:55:45	14.25	4.23	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:55:55	14.19	4.28	0.18
9:56:05	13.92	4.49	0.19
9:56:15	13.64	4.68	0.17
9:56:25	13.48	4.79	0.17
9:56:35	13.37	4.87	0.16
9:56:45	13.31	4.91	0.15
9:56:55	13.27	4.93	0.14
9:57:05	13.31	4.92	0.14
9:57:15	13.31	4.91	0.13
9:57:25	13.41	4.85	0.12
9:57:35	13.52	4.77	0.13
9:57:45	13.75	4.60	0.14
9:57:55	14.05	4.39	0.15
9:58:05	14.30	4.24	0.17
9:58:15	14.49	4.12	0.16
9:58:25	14.62	4.03	0.16
9:58:35	14.72	3.96	0.16
9:58:45	14.80	3.90	0.14
9:58:55	14.84	3.87	0.13
9:59:05	14.87	3.84	0.12
9:59:15	14.90	3.82	0.12
9:59:25	14.92	3.80	0.12
9:59:35	14.93	3.79	0.12
9:59:45	14.95	3.77	0.13
9:59:55	14.95	3.76	0.13
10:00:05	14.96	3.75	0.12
10:00:15	14.96	3.75	0.11
10:00:25	14.98	3.74	0.12
10:00:35	15.00	3.73	0.11
10:00:45	15.00	3.72	0.11
10:00:55	15.02	3.71	0.10
10:01:05	15.02	3.71	0.10
10:01:15	15.03	3.71	0.10
10:01:25	15.03	3.71	0.10
10:01:35	15.05	3.70	0.10
10:01:45	15.07	3.69	0.10
10:01:55	15.07	3.69	0.10
10:02:05	15.07	3.69	0.10
10:02:15	15.08	3.68	0.10
10:02:25	15.07	3.68	0.10
10:02:35	15.08	3.67	0.10
10:02:45	15.08	3.66	0.10
10:02:55	15.08	3.67	0.10
10:03:05	15.09	3.66	0.10
10:03:15	15.09	3.66	0.11
10:03:25	15.11	3.65	0.10
10:03:35	15.10	3.65	0.10
10:03:45	15.10	3.65	0.10
10:03:55	15.09	3.66	0.10
10:04:05	15.08	3.67	0.10
10:04:15	15.06	3.69	0.10
10:04:25	15.02	3.72	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:04:35	14.97	3.75	0.11
10:04:45	14.92	3.79	0.11
10:04:55	14.89	3.82	0.11
10:05:05	14.85	3.84	0.11
10:05:15	14.82	3.86	0.11
10:05:25	14.80	3.89	0.11
10:05:35	14.78	3.91	0.11
10:05:45	14.78	3.91	0.10
10:05:55	14.76	3.92	0.11
10:06:05	14.77	3.92	0.12
10:06:15	14.78	3.92	0.12
10:06:25	14.77	3.92	0.11
10:06:35	14.76	3.92	0.12
10:06:45	14.77	3.92	0.12
10:06:55	14.76	3.92	0.13
10:07:05	14.76	3.92	0.12
10:07:15	14.80	3.89	0.11
10:07:25	14.81	3.89	0.12
10:07:35	14.81	3.89	0.11
10:07:45	14.82	3.88	0.10
10:07:55	14.82	3.88	0.12
10:08:05	14.82	3.88	0.12
10:08:15	14.80	3.90	0.11
10:08:25	14.77	3.93	0.11
10:08:35	14.76	3.93	0.11
10:08:45	14.73	3.96	0.10
10:08:55	14.70	3.97	0.11
10:09:05	14.68	3.99	0.11
10:09:15	14.66	4.00	0.12
10:09:25	14.65	4.01	0.11
10:09:35	14.65	4.01	0.10
10:09:45	14.65	4.01	0.10
10:09:55	14.66	4.00	0.11
10:10:05	14.64	4.01	0.12
10:10:15	14.65	4.01	0.12
10:10:25	14.66	4.00	0.11
10:10:35	14.66	4.00	0.11
10:10:45	14.67	3.99	0.11
10:10:55	14.68	3.98	0.11
10:11:05	14.70	3.97	0.11
10:11:15	14.70	3.97	0.11
10:11:25	14.70	3.98	0.11
10:11:35	14.71	3.97	0.12
10:11:45	14.72	3.96	0.12
10:11:55	14.71	3.97	0.12
10:12:05	14.71	3.97	0.11
10:12:15	14.70	3.97	0.12
10:12:25	14.68	3.98	0.12
10:12:35	14.66	3.99	0.11
10:12:45	14.61	4.03	0.10
10:12:55	14.56	4.06	0.10
10:13:05	14.50	4.10	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:13:15	14.41	4.16	0.10
10:13:25	14.31	4.22	0.11
10:13:35	14.20	4.28	0.12
10:13:45	14.15	4.31	0.13
10:13:55	14.13	4.32	0.13
10:14:05	14.14	4.32	0.12
10:14:15	14.16	4.30	0.12
10:14:25	14.16	4.31	0.12
10:14:35	14.14	4.31	0.13
10:14:45	14.14	4.31	0.13
10:14:55	14.13	4.31	0.13
10:15:05	14.12	4.31	0.12
10:15:15	14.11	4.32	0.13
10:15:25	14.11	4.32	0.13
10:15:35	14.09	4.32	0.14
10:15:45	14.12	4.31	0.13
10:15:55	14.12	4.30	0.13
10:16:05	14.15	4.29	0.14
10:16:15	14.15	4.28	0.14
10:16:25	14.15	4.28	0.14
10:16:35	14.15	4.28	0.14
10:16:45	14.12	4.30	0.14
10:16:55	14.13	4.29	0.14
10:17:05	14.13	4.29	0.14
10:17:15	14.13	4.28	0.14
10:17:25	14.15	4.27	0.14
10:17:35	14.14	4.28	0.13
10:17:45	14.14	4.27	0.13
10:17:55	14.13	4.29	0.12
10:18:05	14.12	4.29	0.12
10:18:15	14.09	4.31	0.12
10:18:25	14.07	4.33	0.12
10:18:35	14.00	4.37	0.12
10:18:45	13.94	4.41	0.12
10:18:55	13.88	4.46	0.10
10:19:05	13.83	4.49	0.11
10:19:15	13.75	4.55	0.12
10:19:25	13.69	4.59	0.10
10:19:35	13.64	4.63	0.10
10:19:45	13.59	4.66	0.10
10:19:55	13.54	4.70	0.10
10:20:05	13.52	4.70	0.11
10:20:15	13.50	4.72	0.11
10:20:25	13.47	4.74	0.10
10:20:35	13.47	4.75	0.10
10:20:45	13.45	4.76	0.09
10:20:55	13.45	4.77	0.10
10:21:05	13.44	4.77	0.09
10:21:15	13.44	4.78	0.09
10:21:25	13.44	4.78	0.10
10:21:35	13.43	4.78	0.10
10:21:45	13.43	4.78	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:21:55	13.45	4.77	0.10
10:22:05	13.44	4.77	0.10
10:22:15	13.46	4.75	0.10
10:22:25	13.48	4.74	0.10
10:22:35	13.49	4.74	0.09
10:22:45	13.50	4.74	0.10
10:22:55	13.50	4.73	0.10
10:23:05	13.50	4.74	0.10
10:23:15	13.50	4.74	0.10
10:23:25	13.50	4.73	0.10
10:23:35	13.51	4.73	0.10
10:23:45	13.52	4.72	0.10
10:23:55	13.51	4.73	0.10
10:24:05	13.51	4.72	0.10
10:24:15	13.53	4.71	0.10
10:24:25	13.52	4.72	0.10
10:24:35	13.53	4.70	0.10
10:24:45	13.53	4.71	0.11
10:24:55	13.53	4.70	0.11
10:25:05	13.53	4.69	0.12
10:25:15	13.55	4.69	0.11
10:25:25	13.53	4.70	0.10
10:25:35	13.53	4.70	0.10
10:25:45	13.52	4.71	0.11
10:25:55	13.52	4.70	0.11
10:26:05	13.52	4.71	0.11
10:26:15	13.53	4.70	0.11
10:26:25	13.52	4.71	0.11
10:26:35	13.53	4.70	0.10
10:26:45	13.53	4.70	0.11
10:26:55	13.52	4.70	0.11
10:27:05	13.53	4.70	0.10
10:27:15	13.53	4.70	0.10
10:27:25	13.55	4.69	0.10
10:27:35	13.55	4.69	0.10
10:27:45	13.55	4.69	0.10
10:27:55	13.54	4.70	0.10
10:28:05	13.51	4.72	0.10
10:28:15	13.49	4.74	0.09
10:28:25	13.47	4.74	0.09
10:28:35	13.45	4.76	0.10
10:28:45	13.42	4.77	0.08
10:28:55	13.42	4.77	0.09
10:29:05	13.40	4.79	0.09
10:29:15	13.43	4.77	0.09
10:29:25	13.43	4.77	0.09
10:29:35	13.43	4.76	0.10
10:29:45	13.43	4.76	0.09
10:29:55	13.43	4.75	0.09
10:30:05	13.42	4.76	0.10
10:30:15	13.42	4.76	0.10
10:30:25	13.42	4.77	0.09



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:30:35	13.42	4.77	0.09
10:30:45	13.43	4.77	0.10
10:30:55	13.42	4.78	0.10
10:31:05	13.43	4.78	0.09
10:31:15	13.43	4.77	0.10
10:31:25	13.44	4.77	0.10
10:31:35	13.44	4.77	0.10
10:31:45	13.43	4.78	0.09
10:31:55	13.43	4.78	0.09
10:32:05	13.43	4.78	0.10
10:32:15	13.44	4.77	0.10
10:32:25	13.44	4.78	0.09
10:32:35	13.43	4.78	0.10
10:32:45	13.43	4.78	0.10
10:32:55	13.43	4.79	0.10
10:33:05	13.42	4.79	0.10
10:33:15	13.42	4.80	0.10
10:33:25	13.40	4.81	0.09
10:33:35	13.40	4.81	0.09
10:33:45	13.39	4.82	0.09
10:33:55	13.37	4.83	0.08
10:34:05	13.36	4.83	0.08
10:34:15	13.33	4.84	0.09
10:34:25	13.34	4.84	0.09
10:34:35	13.33	4.85	0.10
10:34:45	13.33	4.85	0.08
10:34:55	13.33	4.85	0.09
10:35:05	13.34	4.84	0.10
10:35:15	13.34	4.85	0.10
10:35:25	13.33	4.86	0.10
10:35:35	13.33	4.85	0.10
10:35:45	13.34	4.85	0.10
10:35:55	13.36	4.84	0.10
10:36:05	13.36	4.85	0.10
10:36:15	13.36	4.84	0.10
10:36:25	13.36	4.85	0.10
10:36:35	13.35	4.85	0.10
10:36:45	13.35	4.84	0.10
10:36:55	13.37	4.82	0.11
10:37:05	13.35	4.84	0.11
10:37:15	13.37	4.83	0.10
10:37:25	13.37	4.82	0.10
10:37:35	13.37	4.83	0.10
10:37:45	13.35	4.83	0.10
10:37:55	13.35	4.84	0.09
10:38:05	13.36	4.83	0.10
10:38:15	13.38	4.81	0.10
10:38:25	13.39	4.81	0.10
10:38:35	13.37	4.82	0.11
10:38:45	13.37	4.82	0.10
10:38:55	13.38	4.81	0.10
10:39:05	13.37	4.82	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:39:15	13.36	4.83	0.10
10:39:25	13.37	4.81	0.10
10:39:35	13.39	4.80	0.10
10:39:45	13.38	4.81	0.09
10:39:55	13.36	4.82	0.09
10:40:05	13.37	4.81	0.10
10:40:15	13.39	4.81	0.10
10:40:25	13.38	4.82	0.10
10:40:35	13.39	4.80	0.10
10:40:45	13.40	4.80	0.10
10:40:55	13.41	4.79	0.11
10:41:05	13.42	4.78	0.10
10:41:15	13.41	4.79	0.10
10:41:25	13.43	4.78	0.10
10:41:35	13.45	4.77	0.11
10:41:45	13.46	4.76	0.10
10:41:55	13.46	4.77	0.10
10:42:05	13.46	4.77	0.10
10:42:15	13.47	4.76	0.10
10:42:25	13.49	4.75	0.10
10:42:35	13.47	4.76	0.10
10:42:45	13.47	4.77	0.10
10:42:55	13.47	4.76	0.10
10:43:05	13.45	4.77	0.11
10:43:15	13.45	4.77	0.10
10:43:25	13.46	4.76	0.10
10:43:35	13.45	4.77	0.10
10:43:45	13.45	4.77	0.10
10:43:55	13.45	4.77	0.10
10:44:05	13.46	4.77	0.10
10:44:15	13.45	4.77	0.10
10:44:25	13.44	4.78	0.10
10:44:35	13.44	4.78	0.11
10:44:45	13.44	4.77	0.11
10:44:55	13.44	4.78	0.11
10:45:05	13.45	4.77	0.10
10:45:15	13.44	4.77	0.10
10:45:25	13.44	4.77	0.10
10:45:35	13.44	4.77	0.10
10:45:45	13.44	4.77	0.11
10:45:55	13.43	4.78	0.12
10:46:05	13.44	4.77	0.10
10:46:15	13.43	4.78	0.11
10:46:25	13.40	4.80	0.12
10:46:35	13.34	4.84	0.13
10:46:45	13.34	4.84	0.11
10:46:55	13.34	4.84	0.10
10:47:05	13.40	4.79	0.09
10:47:15	13.50	4.73	0.11
10:47:25	13.64	4.65	0.11
10:47:35	13.69	4.63	0.11
10:47:45	13.66	4.66	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:47:55	13.57	4.72	0.11
10:48:05	13.44	4.80	0.11
10:48:15	13.37	4.84	0.11
10:48:25	13.32	4.87	0.11
10:48:35	13.37	4.83	0.11
10:48:45	13.44	4.78	0.11
10:48:55	13.55	4.71	0.11
10:49:05	13.60	4.68	0.11
10:49:15	13.55	4.72	0.12
10:49:25	13.49	4.77	0.13
10:49:35	13.39	4.83	0.11
10:49:45	13.34	4.86	0.10
10:49:55	13.30	4.87	0.10
10:50:05	13.34	4.84	0.10
10:50:15	13.44	4.77	0.10
10:50:25	13.55	4.70	0.10
10:50:35	13.57	4.71	0.11
10:50:45	13.53	4.74	0.11
10:50:55	13.44	4.81	0.10
10:51:05	13.35	4.86	0.09
10:51:15	13.33	4.87	0.08
10:51:25	13.34	4.85	0.08
10:51:35	13.39	4.81	0.07
10:51:45	13.49	4.74	0.07
10:51:55	13.56	4.70	0.07
10:52:05	13.53	4.75	0.07
10:52:15	13.41	4.82	0.07
10:52:25	13.29	4.91	0.07
10:52:35	13.23	4.93	0.08
10:52:45	13.20	4.95	0.08
10:52:55	13.24	4.91	0.08
10:53:05	13.33	4.85	0.08
10:53:15	13.46	4.76	0.08
10:53:25	13.53	4.73	0.08
10:53:35	13.49	4.77	0.09
10:53:45	13.42	4.82	0.08
10:53:55	13.30	4.88	0.08
10:54:05	13.27	4.90	0.07
10:54:15	13.24	4.91	0.07
10:54:25	13.31	4.86	0.07
10:54:35	13.40	4.80	0.07
10:54:45	13.52	4.72	0.07
10:54:55	13.57	4.70	0.07
10:55:05	13.53	4.74	0.09
10:55:15	13.48	4.77	0.09
10:55:25	13.41	4.81	0.10
10:55:35	13.47	4.76	0.10
10:55:45	13.62	4.66	0.09
10:55:55	13.85	4.53	0.10
10:56:05	14.09	4.38	0.10
10:56:15	14.26	4.30	0.09
10:56:25	14.29	4.30	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:56:35	14.13	4.40	0.12
10:56:45	13.92	4.53	0.11
10:56:55	13.67	4.68	0.10
10:57:05	13.50	4.77	0.10
10:57:15	13.39	4.82	0.10
10:57:25	13.40	4.81	0.10
10:57:35	13.44	4.78	0.09
10:57:45	13.50	4.74	0.09
10:57:55	13.47	4.78	0.09
10:58:05	13.38	4.84	0.07
10:58:15	13.29	4.90	0.10
10:58:25	13.19	4.95	0.10
10:58:35	13.16	4.97	0.10
10:58:45	13.18	4.94	0.09
10:58:55	13.27	4.89	0.08
10:59:05	13.37	4.81	0.07
10:59:15	13.48	4.76	0.10
10:59:25	13.46	4.79	0.11
10:59:35	13.38	4.85	0.10
10:59:45	13.30	4.89	0.10
10:59:55	13.20	4.94	0.11
11:00:05	13.16	4.96	0.11
11:00:15	13.21	4.91	0.12
11:00:25	13.29	4.86	0.10
11:00:35	13.41	4.78	0.11
11:00:45	13.49	4.75	0.10
11:00:55	13.46	4.79	0.12
11:01:05	13.37	4.85	0.13
11:01:15	13.27	4.91	0.12
11:01:25	13.22	4.94	0.12
11:01:35	13.18	4.95	0.10
11:01:45	13.25	4.89	0.11
11:01:55	13.34	4.84	0.11
11:02:05	13.45	4.77	0.11
11:02:15	13.50	4.75	0.11
11:02:25	13.44	4.80	0.10
11:02:35	13.35	4.86	0.11
11:02:45	13.26	4.92	0.11
11:02:55	13.19	4.94	0.11
11:03:05	13.17	4.95	0.11
11:03:15	13.22	4.91	0.10
11:03:25	13.30	4.85	0.10
11:03:35	13.41	4.79	0.12
11:03:45	13.42	4.80	0.12
11:03:55	13.34	4.85	0.13
11:04:05	13.26	4.90	0.12
11:04:15	13.18	4.95	0.11
11:04:25	13.17	4.95	0.11
11:04:35	13.17	4.96	0.11
11:04:45	13.25	4.90	0.10
11:04:55	13.35	4.83	0.11
11:05:05	13.46	4.77	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:05:15	13.46	4.79	0.12
11:05:25	13.38	4.84	0.12
11:05:35	13.31	4.89	0.11
11:05:45	13.23	4.93	0.11
11:05:55	13.23	4.92	0.12
11:06:05	13.31	4.86	0.11
11:06:15	13.53	4.73	0.11
11:06:25	13.79	4.56	0.11
11:06:35	14.03	4.44	0.11
11:06:45	14.12	4.40	0.11
11:06:55	14.05	4.47	0.10
11:07:05	13.88	4.58	0.11
11:07:15	13.68	4.70	0.11
11:07:25	13.53	4.78	0.10
11:07:35	13.43	4.82	0.11
11:07:45	13.41	4.83	0.10
11:07:55	13.47	4.77	0.11
11:08:05	13.49	4.77	0.09
11:08:15	13.41	4.84	0.10
11:08:25	13.30	4.91	0.10
11:08:35	13.18	4.98	0.10
11:08:45	13.11	5.02	0.10
11:08:55	13.08	5.03	0.10
11:09:05	13.18	4.96	0.09
11:09:15	13.24	4.92	0.10
11:09:25	13.38	4.82	0.10
11:09:35	13.43	4.81	0.10
11:09:45	13.39	4.84	0.10
11:09:55	13.31	4.89	0.10
11:10:05	13.22	4.95	0.10
11:10:15	13.17	4.96	0.10
11:10:25	13.16	4.96	0.09
11:10:35	13.23	4.90	0.08
11:10:45	13.32	4.85	0.09
11:10:55	13.43	4.78	0.09
11:11:05	13.46	4.78	0.07
11:11:15	13.40	4.83	0.09
11:11:25	13.33	4.87	0.11
11:11:35	13.24	4.93	0.10
11:11:45	13.17	4.97	0.09
11:11:55	13.16	4.98	0.10
11:12:05	13.23	4.92	0.08
11:12:15	13.31	4.86	0.08
11:12:25	13.44	4.78	0.08
11:12:35	13.48	4.77	0.09
11:12:45	13.44	4.80	0.09
11:12:55	13.38	4.84	0.10
11:13:05	13.31	4.88	0.11
11:13:15	13.24	4.91	0.09
11:13:25	13.23	4.92	0.10
11:13:35	13.17	4.95	0.09
11:13:45	13.16	4.96	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:13:55	13.16	4.95	0.07
11:14:05	13.25	4.89	0.09
11:14:15	13.35	4.82	0.09
11:14:25	13.47	4.76	0.09
11:14:35	13.50	4.75	0.08
11:14:45	13.46	4.79	0.09
11:14:55	13.38	4.85	0.10
<b>Start Run 2A</b>			
11:15:05	13.32	4.88	0.10
11:15:15	13.26	4.91	0.10
11:15:25	13.23	4.92	0.10
11:15:35	13.20	4.94	0.10
11:15:45	13.21	4.95	0.10
11:15:55	13.18	4.96	0.10
11:16:05	13.19	4.96	0.10
11:16:15	13.17	4.97	0.09
11:16:25	13.17	4.97	0.09
11:16:35	13.17	4.96	0.09
11:16:45	13.18	4.95	0.09
11:16:55	13.17	4.96	0.08
11:17:05	13.17	4.96	0.09
11:17:15	13.12	4.98	0.09
11:17:25	13.15	4.97	0.08
11:17:35	13.18	4.94	0.08
11:17:45	13.25	4.90	0.08
11:17:55	13.34	4.83	0.09
11:18:05	13.46	4.76	0.07
11:18:15	13.50	4.75	0.08
11:18:25	13.45	4.79	0.10
11:18:35	13.38	4.85	0.10
11:18:45	13.30	4.89	0.10
11:18:55	13.26	4.90	0.09
11:19:05	13.25	4.90	0.10
11:19:15	13.31	4.86	0.10
11:19:25	13.39	4.80	0.09
11:19:35	13.52	4.72	0.09
11:19:45	13.54	4.72	0.10
11:19:55	13.47	4.77	0.09
11:20:05	13.39	4.83	0.10
11:20:15	13.28	4.89	0.08
11:20:25	13.27	4.89	0.09
11:20:35	13.28	4.88	0.09
11:20:45	13.32	4.85	0.09
11:20:55	13.42	4.78	0.09
11:21:05	13.51	4.73	0.08
11:21:15	13.49	4.76	0.09
11:21:25	13.45	4.79	0.10
11:21:35	13.37	4.85	0.10
11:21:45	13.30	4.87	0.09
11:21:55	13.30	4.87	0.08
11:22:05	13.33	4.84	0.09
11:22:15	13.39	4.80	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:22:25	13.50	4.73	0.09
11:22:35	13.56	4.69	0.10
11:22:45	13.53	4.72	0.09
11:22:55	13.46	4.77	0.10
11:23:05	13.36	4.84	0.09
11:23:15	13.28	4.88	0.08
11:23:25	13.27	4.88	0.09
11:23:35	13.33	4.83	0.08
11:23:45	13.40	4.79	0.08
11:23:55	13.51	4.71	0.09
11:24:05	13.56	4.70	0.09
11:24:15	13.52	4.74	0.09
11:24:25	13.46	4.78	0.09
11:24:35	13.38	4.83	0.08
11:24:45	13.35	4.84	0.08
11:24:55	13.34	4.84	0.07
11:25:05	13.41	4.78	0.07
11:25:15	13.50	4.71	0.09
11:25:25	13.63	4.63	0.08
11:25:35	13.69	4.60	0.08
11:25:45	13.63	4.65	0.08
11:25:55	13.57	4.69	0.09
11:26:05	13.48	4.74	0.09
11:26:15	13.46	4.75	0.08
11:26:25	13.18	4.93	0.07
11:26:35	13.19	4.91	0.07
11:26:45	13.27	4.85	0.07
11:26:55	13.32	4.84	0.06
11:27:05	13.24	4.92	0.06
11:27:15	13.08	5.01	0.07
11:27:25	12.92	5.11	0.06
11:27:35	12.82	5.16	0.06
11:27:45	12.73	5.21	0.07
11:27:55	14.08	4.25	0.11
11:28:05	14.12	4.39	0.11
11:28:15	13.66	4.63	0.10
11:28:25	13.32	4.90	0.08
11:28:35	13.05	5.05	0.07
11:28:45	12.98	5.09	0.07
11:28:55	12.94	5.13	0.07
11:29:05	12.89	5.16	0.06
11:29:15	12.87	5.16	0.06
11:29:25	12.91	5.13	0.07
11:29:35	13.01	5.05	0.07
11:29:45	13.09	5.01	0.08
11:29:55	13.52	4.66	0.11
11:30:05	13.71	4.66	0.10
11:30:15	13.47	4.79	0.10
11:30:25	13.23	4.99	0.08
11:30:35	13.08	5.05	0.07
11:30:45	13.09	5.02	0.07
11:30:55	13.22	4.93	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:31:05	13.36	4.84	0.09
11:31:15	13.47	4.78	0.08
11:31:25	13.44	4.81	0.08
11:31:35	13.35	4.88	0.08
11:31:45	13.18	4.98	0.09
11:31:55	13.14	4.96	0.07
11:32:05	13.12	4.99	0.07
11:32:15	13.08	5.02	0.07
11:32:25	13.16	4.99	0.07
11:32:35	13.27	4.91	0.07
11:32:45	13.38	4.85	0.07
11:32:55	13.40	4.86	0.06
11:33:05	13.34	4.89	0.07
11:33:15	13.28	4.94	0.07
11:33:25	13.21	4.98	0.07
11:33:35	13.16	5.01	0.06
11:33:45	13.16	5.00	0.07
11:33:55	13.25	4.94	0.08
11:34:05	13.35	4.86	0.09
11:34:15	13.46	4.80	0.09
11:34:25	13.47	4.81	0.09
11:34:35	13.39	4.87	0.07
11:34:45	13.30	4.93	0.08
11:34:55	13.19	4.99	0.07
11:35:05	13.15	5.02	0.07
11:35:15	13.19	4.97	0.07
11:35:25	13.27	4.92	0.08
11:35:35	13.41	4.83	0.09
11:35:45	13.49	4.79	0.11
11:35:55	13.47	4.82	0.11
11:36:05	13.40	4.87	0.09
11:36:15	13.31	4.93	0.09
11:36:25	13.25	4.96	0.09
11:36:35	13.23	4.98	0.08
11:36:45	13.27	4.93	0.09
11:36:55	13.36	4.88	0.10
11:37:05	13.48	4.80	0.10
11:37:15	13.53	4.78	0.10
11:37:25	13.48	4.83	0.10
11:37:35	13.40	4.88	0.10
11:37:45	13.31	4.94	0.10
11:37:55	13.24	4.97	0.10
11:38:05	13.21	4.98	0.10
11:38:15	13.25	4.94	0.08
11:38:25	13.33	4.89	0.09
11:38:35	13.45	4.82	0.09
11:38:45	13.51	4.80	0.10
11:38:55	13.42	4.86	0.09
11:39:05	13.35	4.91	0.09
11:39:15	13.24	4.98	0.10
11:39:25	13.21	4.98	0.09
11:39:35	13.20	4.99	0.09



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:39:45	13.27	4.93	0.10
11:39:55	13.33	4.89	0.10
11:40:05	13.46	4.81	0.10
11:40:15	13.48	4.80	0.10
11:40:25	13.42	4.85	0.10
11:40:35	13.36	4.90	0.10
11:40:45	13.27	4.94	0.09
11:40:55	13.25	4.94	0.10
11:41:05	13.22	4.95	0.10
11:41:15	13.30	4.90	0.10
11:41:25	13.40	4.83	0.10
11:41:35	13.50	4.78	0.10
11:41:45	13.51	4.78	0.10
11:41:55	13.43	4.85	0.10
11:42:05	13.35	4.90	0.10
11:42:15	13.26	4.94	0.09
11:42:25	13.22	4.97	0.10
11:42:35	13.23	4.95	0.10
11:42:45	13.31	4.89	0.10
11:42:55	13.42	4.82	0.09
11:43:05	13.50	4.78	0.09
11:43:15	13.48	4.81	0.09
11:43:25	13.42	4.84	0.10
11:43:35	13.38	4.87	0.09
11:43:45	13.35	4.88	0.09
11:43:55	13.31	4.90	0.10
11:44:05	13.28	4.92	0.10
11:44:15	13.25	4.93	0.10
11:44:25	13.24	4.93	0.10
11:44:35	13.22	4.95	0.08
11:44:45	13.22	4.94	0.09
11:44:55	13.25	4.92	0.10
11:45:05	13.35	4.85	0.10
11:45:15	13.48	4.77	0.10
11:45:25	13.57	4.72	0.08
11:45:35	13.59	4.73	0.08
11:45:45	13.54	4.77	0.09
11:45:55	13.46	4.82	0.09
11:46:05	13.41	4.84	0.10
11:46:15	13.39	4.85	0.10
11:46:25	13.37	4.86	0.09
11:46:35	13.35	4.87	0.10
11:46:45	13.32	4.90	0.10
11:46:55	13.28	4.92	0.10
11:47:05	13.24	4.95	0.10
11:47:15	13.21	4.96	0.09
11:47:25	13.22	4.96	0.09
11:47:35	13.27	4.91	0.08
11:47:45	13.36	4.85	0.08
11:47:55	13.50	4.76	0.10
11:48:05	13.59	4.71	0.10
11:48:15	13.58	4.74	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:48:25	13.50	4.79	0.10
11:48:35	13.40	4.86	0.10
11:48:45	13.32	4.90	0.09
11:48:55	13.29	4.92	0.09
11:49:05	13.32	4.89	0.08
11:49:15	13.40	4.83	0.09
11:49:25	13.53	4.74	0.10
11:49:35	13.62	4.70	0.10
11:49:45	13.55	4.76	0.10
11:49:55	13.43	4.84	0.09
11:50:05	13.33	4.90	0.08
11:50:15	13.26	4.94	0.07
11:50:25	13.22	4.95	0.07
11:50:35	13.25	4.92	0.06
11:50:45	13.33	4.88	0.07
11:50:55	13.45	4.79	0.07
11:51:05	13.53	4.75	0.07
11:51:15	13.52	4.77	0.08
11:51:25	13.45	4.82	0.08
11:51:35	13.34	4.90	0.08
11:51:45	13.28	4.91	0.08
11:51:55	13.25	4.94	0.08
11:52:05	13.27	4.91	0.09
11:52:15	13.35	4.85	0.07
11:52:25	13.47	4.77	0.09
11:52:35	13.54	4.74	0.08
11:52:45	13.52	4.77	0.08
11:52:55	13.42	4.84	0.09
11:53:05	13.33	4.90	0.08
11:53:15	13.25	4.94	0.08
11:53:25	13.21	4.96	0.07
11:53:35	13.25	4.91	0.07
11:53:45	13.32	4.87	0.07
11:53:55	13.44	4.79	0.07
11:54:05	13.51	4.76	0.08
11:54:15	13.48	4.79	0.08
11:54:25	13.42	4.84	0.07
11:54:35	13.29	4.92	0.08
11:54:45	13.23	4.95	0.07
11:54:55	13.20	4.97	0.07
11:55:05	13.25	4.92	0.07
11:55:15	13.33	4.87	0.08
11:55:25	13.44	4.79	0.08
11:55:35	13.51	4.75	0.08
11:55:45	13.46	4.80	0.09
11:55:55	13.37	4.86	0.08
11:56:05	13.28	4.92	0.08
11:56:15	13.20	4.96	0.07
11:56:25	13.16	4.98	0.06
11:56:35	13.18	4.96	0.07
11:56:45	13.23	4.92	0.07
11:56:55	13.33	4.85	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:57:05	13.33	4.88	0.09
11:57:15	13.27	4.93	0.10
11:57:25	13.17	4.99	0.10
11:57:35	13.06	5.06	0.09
11:57:45	13.00	5.09	0.08
11:57:55	12.97	5.11	0.08
11:58:05	13.08	5.03	0.07
11:58:15	13.18	4.97	0.09
11:58:25	13.28	4.91	0.09
11:58:35	13.29	4.92	0.09
11:58:45	13.23	4.97	0.09
11:58:55	13.13	5.03	0.08
11:59:05	13.02	5.10	0.08
11:59:15	12.98	5.12	0.09
11:59:25	12.98	5.11	0.08
11:59:35	13.05	5.06	0.09
11:59:45	13.14	5.00	0.09
11:59:55	13.24	4.94	0.09
12:00:05	13.22	4.98	0.09
12:00:15	13.17	5.02	0.08
12:00:25	13.11	5.05	0.08
12:00:35	13.05	5.09	0.08
12:00:45	13.03	5.09	0.07
12:00:55	13.06	5.06	0.06
12:01:05	13.17	5.00	0.06
12:01:15	13.28	4.91	0.07
12:01:25	13.36	4.87	0.07
12:01:35	13.32	4.91	0.07
12:01:45	13.24	4.97	0.07
12:01:55	13.14	5.04	0.07
12:02:05	13.06	5.07	0.06
12:02:15	13.04	5.09	0.06
12:02:25	13.07	5.05	0.06
12:02:35	13.14	5.01	0.06
12:02:45	13.26	4.93	0.07
12:02:55	13.34	4.90	0.07
12:03:05	13.31	4.93	0.07
12:03:15	13.23	4.99	0.07
12:03:25	13.11	5.06	0.07
12:03:35	13.05	5.09	0.07
12:03:45	13.02	5.11	0.07
12:03:55	13.08	5.05	0.07
12:04:05	13.16	5.00	0.07
12:04:15	13.29	4.91	0.07
12:04:25	13.33	4.91	0.07
12:04:35	13.27	4.95	0.07
12:04:45	13.18	5.02	0.07
12:04:55	13.08	5.07	0.07
12:05:05	13.05	5.09	0.07
12:05:15	13.03	5.09	0.07
12:05:25	13.11	5.04	0.06
12:05:35	13.23	4.95	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:05:45	13.31	4.90	0.08
12:05:55	13.31	4.91	0.07
12:06:05	13.23	4.97	0.06
12:06:15	13.15	5.02	0.06
12:06:25	13.05	5.08	0.07
12:06:35	13.00	5.09	0.07
12:06:45	13.00	5.08	0.07
12:06:55	13.07	5.03	0.08
12:07:05	13.17	4.95	0.09
12:07:15	13.28	4.89	0.08
12:07:25	13.26	4.91	0.08
12:07:35	13.21	4.96	0.08
12:07:45	13.11	5.02	0.08
12:07:55	13.05	5.05	0.09
12:08:05	13.02	5.08	0.07
12:08:15	13.05	5.05	0.06
12:08:25	13.12	5.00	0.07
12:08:35	13.26	4.92	0.07
12:08:45	13.31	4.90	0.07
12:08:55	13.26	4.94	0.08
12:09:05	13.17	5.00	0.09
12:09:15	13.07	5.06	0.09
12:09:25	13.01	5.09	0.09
12:09:35	12.97	5.11	0.09
12:09:45	13.01	5.07	0.09
12:09:55	13.08	5.01	0.08
12:10:05	13.19	4.96	0.10
12:10:15	13.20	4.97	0.09
12:10:25	13.14	5.01	0.09
12:10:35	13.06	5.06	0.07
12:10:45	12.97	5.12	0.07
12:10:55	12.94	5.14	0.07
12:11:05	12.93	5.15	0.08
12:11:15	13.01	5.09	0.07
12:11:25	13.13	5.01	0.09
12:11:35	13.23	4.95	0.08
12:11:45	13.24	4.97	0.09
12:11:55	13.15	5.04	0.08
12:12:05	13.06	5.09	0.09
12:12:15	12.97	5.15	0.08
12:12:25	12.93	5.16	0.08
12:12:35	12.94	5.14	0.08
12:12:45	13.02	5.09	0.09
12:12:55	13.13	5.01	0.09
12:13:05	13.20	4.98	0.09
12:13:15	13.17	5.01	0.08
12:13:25	13.10	5.06	0.09
12:13:35	13.00	5.12	0.10
12:13:45	12.89	5.17	0.10
12:13:55	12.84	5.21	0.09
12:14:05	12.87	5.17	0.08
12:14:15	12.94	5.13	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:14:25	13.05	5.06	0.08
12:14:35	13.12	5.03	0.09
12:14:45	13.08	5.06	0.08
12:14:55	12.99	5.11	0.08
12:15:05	12.88	5.18	0.08
12:15:15	12.83	5.21	0.07
12:15:25	12.80	5.22	0.07
12:15:35	12.86	5.17	0.06
12:15:45	12.93	5.11	0.07
12:15:55	13.07	5.02	0.07
12:16:05	13.11	5.02	0.08
12:16:15	13.05	5.07	0.07
12:16:25	12.97	5.11	0.07
12:16:35	12.88	5.17	0.07
12:16:45	12.85	5.21	0.07
12:16:55	12.84	5.21	0.07
12:17:05	12.89	5.17	0.07
12:17:15	12.94	5.13	0.07
12:17:25	13.02	5.08	0.08
12:17:35	13.03	5.09	0.08
12:17:45	12.93	5.15	0.08
12:17:55	12.83	5.21	0.07
12:18:05	12.73	5.26	0.07
12:18:15	12.69	5.28	0.07
12:18:25	12.68	5.27	0.07
12:18:35	12.78	5.20	0.06
12:18:45	12.90	5.12	0.07
12:18:55	12.99	5.07	0.06
12:19:05	12.98	5.09	0.07
12:19:15	12.92	5.15	0.08
12:19:25	12.86	5.20	0.07
12:19:35	12.79	5.23	0.08
12:19:45	12.73	5.26	0.07
12:19:55	12.73	5.24	0.07
12:20:05	12.80	5.19	0.07
12:20:15	12.92	5.12	0.07
12:20:25	13.00	5.09	0.07
12:20:35	12.97	5.12	0.08
12:20:45	12.93	5.15	0.07
12:20:55	12.86	5.20	0.06
12:21:05	12.83	5.22	0.07
12:21:15	12.84	5.21	0.06
12:21:25	12.92	5.15	0.07
12:21:35	13.00	5.10	0.06
12:21:45	13.13	5.02	0.06
12:21:55	13.18	5.00	0.07
12:22:05	13.13	5.06	0.06
12:22:15	13.03	5.11	0.07
12:22:25	12.94	5.17	0.06
12:22:35	12.83	5.23	0.07
12:22:45	12.73	5.28	0.06
12:22:55	12.71	5.28	0.06

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
12:23:05	12.74	5.25	0.04
12:23:15	12.86	5.18	0.06
12:23:25	12.89	5.18	0.06
12:23:35	12.86	5.20	0.06
12:23:45	12.80	5.24	0.07
12:23:55	12.75	5.27	0.07
12:24:05	12.69	5.31	0.06
12:24:15	12.65	5.32	0.07
12:24:25	12.66	5.32	0.05
12:24:35	12.71	5.28	0.06
12:24:45	12.83	5.20	0.06
12:24:55	12.95	5.12	0.06
<b>End Run 2A</b>	<b>13.22</b>	<b>4.95</b>	<b>0.08</b>
12:25:05	13.05	5.07	0.07
12:25:15	13.04	5.09	0.07
12:25:25	12.98	5.13	0.07
12:25:35	12.93	5.17	0.07
12:25:45	12.88	5.19	0.07
12:25:55	12.84	5.20	0.07
12:26:05	12.81	5.21	0.07
12:26:15	12.78	5.22	0.07
12:26:25	12.76	5.23	0.07
12:26:35	12.74	5.24	0.07
12:26:45	12.76	5.22	0.07
<b>Cal Bias</b>			
12:26:55	12.78	5.21	0.06
12:27:05	12.77	5.21	0.07
12:27:15	12.82	5.18	0.22
12:27:25	7.91	1.08	0.39
12:27:35	0.43	0.25	-0.04
12:27:45	0.22	0.16	-0.05
12:27:55	0.17	0.12	-0.05
12:28:05	0.15	0.10	-0.05
12:28:15	0.13	0.09	-0.05
12:28:25	0.11	0.07	-0.05
12:28:35	0.10	0.07	-0.05
12:28:45	0.09	0.06	-0.04
<b>N2 Zero</b>	<b>0.10</b>	<b>0.07</b>	<b>-0.05</b>
12:28:55	6.65	3.24	0.10
12:29:05	8.33	6.95	-0.01
12:29:15	9.84	9.64	-0.07
12:29:25	9.88	9.75	-0.07
12:29:35	9.90	9.81	-0.07
12:29:45	9.91	9.84	-0.09
12:29:55	9.92	9.87	-0.08
12:30:05	9.93	9.89	-0.08
12:30:15	9.93	9.89	-0.09
12:30:25	9.94	9.90	-0.10
12:30:35	9.95	9.91	-0.10
12:30:45	9.95	9.91	-0.08
12:30:55	9.96	9.92	-0.08
12:31:05	9.96	9.93	-0.08

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
12:31:15	9.96	9.93	-0.09
<b>10.1/10.0 O2/CO2</b>	<b>9.96</b>	<b>9.92</b>	<b>-0.08</b>
12:31:25	10.00	9.84	0.03
12:31:35	14.09	4.30	0.17
12:31:45	14.63	3.92	0.16
12:31:55	14.89	3.67	0.14
12:32:05	15.02	3.52	0.14
12:32:15	15.08	3.45	0.12
12:32:25	15.10	3.38	0.10
12:32:35	15.11	3.34	0.09
12:32:45	15.11	3.32	0.08
12:32:55	15.07	3.32	0.08
12:33:05	15.02	3.33	0.07
12:33:15	14.95	3.36	0.07
12:33:25	14.90	3.37	0.08
12:33:35	14.87	3.38	0.08
12:33:45	14.83	3.39	0.07
12:33:55	14.82	3.39	0.07
12:34:05	14.83	3.39	0.07
12:34:15	14.80	3.41	0.07
12:34:25	14.75	3.43	0.07
12:34:35	14.50	3.62	0.07
12:34:45	14.67	3.46	0.07
12:34:55	14.64	3.48	0.07
12:35:05	14.62	3.48	0.07
12:35:15	14.62	3.47	0.07
12:35:25	14.64	3.45	0.07
12:35:35	14.65	3.45	0.08
12:35:45	14.66	3.44	0.09
12:35:55	14.66	3.43	0.07
12:36:05	14.69	3.41	0.07
12:36:15	14.75	3.38	0.07
12:36:25	14.79	3.36	0.06
12:36:35	14.81	3.35	0.05
12:36:45	14.81	3.35	0.07
12:36:55	14.81	3.35	0.06
12:37:05	14.81	3.35	0.07
12:37:15	14.80	3.36	0.07
12:37:25	14.79	3.37	0.07
12:37:35	14.78	3.37	0.06
12:37:45	14.79	3.37	0.06
12:37:55	14.78	3.37	0.07
12:38:05	14.79	3.37	0.04
12:38:15	14.78	3.37	0.04
12:38:25	14.79	3.37	0.05
12:38:35	14.79	3.37	0.08
12:38:45	14.79	3.37	0.09
12:38:55	14.78	3.38	0.08
12:39:05	14.80	3.36	0.07
12:39:15	14.79	3.37	0.06
12:39:25	14.80	3.36	0.07
12:39:35	14.82	3.35	0.07

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:39:45	14.79	3.36	0.07
12:39:55	14.79	3.36	0.07
12:40:05	14.77	3.37	0.07
12:40:15	14.76	3.38	0.05
12:40:25	14.75	3.38	0.05
12:40:35	14.73	3.40	0.07
12:40:45	14.72	3.41	0.05
12:40:55	14.70	3.41	0.04
12:41:05	14.71	3.41	0.06
12:41:15	14.70	3.41	0.05
12:41:25	14.70	3.41	0.06
12:41:35	14.69	3.42	0.07
12:41:45	14.68	3.42	0.06
12:41:55	14.69	3.42	0.05
12:42:05	14.69	3.42	0.04
12:42:15	14.68	3.43	0.05
12:42:25	14.68	3.43	0.05
12:42:35	14.68	3.43	0.05
12:42:45	14.69	3.43	0.05
12:42:55	14.68	3.44	0.05
12:43:05	14.69	3.43	0.05
12:43:15	14.70	3.43	0.05
12:43:25	14.70	3.44	0.05
12:43:35	14.70	3.43	0.05
12:43:45	14.70	3.42	0.04
12:43:55	14.70	3.43	0.04
12:44:05	14.69	3.43	0.04
12:44:15	14.70	3.42	0.04
12:44:25	14.70	3.42	0.04
12:44:35	14.70	3.42	0.05
12:44:45	14.69	3.43	0.05
12:44:55	14.70	3.42	0.04
12:45:05	14.70	3.42	0.04
12:45:15	14.70	3.42	0.03
12:45:25	14.71	3.41	0.04
12:45:35	14.72	3.41	0.04
12:45:45	14.71	3.42	0.05
12:45:55	14.72	3.40	0.07
12:46:05	14.73	3.41	0.07
12:46:15	14.74	3.40	0.07
12:46:25	14.74	3.40	0.06
12:46:35	14.74	3.40	0.06
12:46:45	14.73	3.40	0.07
12:46:55	14.74	3.40	0.06
12:47:05	14.73	3.40	0.06
12:47:15	14.73	3.40	0.07
12:47:25	14.74	3.39	0.07
12:47:35	14.75	3.39	0.06
12:47:45	14.74	3.39	0.06
12:47:55	14.75	3.39	0.06
12:48:05	14.75	3.40	0.06
12:48:15	14.73	3.40	0.06



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:48:25	14.75	3.40	0.06
12:48:35	14.75	3.40	0.07
12:48:45	14.75	3.40	0.09
12:48:55	14.76	3.39	0.10
12:49:05	14.81	3.36	0.08
12:49:15	14.89	3.31	0.07
12:49:25	14.98	3.25	0.06
12:49:35	15.08	3.20	0.05
12:49:45	15.12	3.17	0.06
12:49:55	15.16	3.14	0.06
12:50:05	15.19	3.13	0.06
12:50:15	15.22	3.10	0.07
12:50:25	15.24	3.10	0.07
12:50:35	15.23	3.10	0.07
12:50:45	15.21	3.12	0.07
12:50:55	15.19	3.14	0.07
12:51:05	15.18	3.15	0.07
12:51:15	15.16	3.16	0.07
12:51:25	15.17	3.16	0.07
12:51:35	15.19	3.15	0.07
12:51:45	15.20	3.15	0.07
12:51:55	15.19	3.15	0.07
12:52:05	15.22	3.14	0.07
12:52:15	15.21	3.15	0.06
12:52:25	15.17	3.17	0.07
12:52:35	15.08	3.23	0.07
12:52:45	14.94	3.31	0.07
12:52:55	14.82	3.38	0.06
12:53:05	14.75	3.41	0.06
12:53:15	14.73	3.42	0.05
12:53:25	14.71	3.42	0.06
12:53:35	14.70	3.42	0.05
12:53:45	14.74	3.39	0.05
12:53:55	14.83	3.34	0.05
12:54:05	14.93	3.29	0.04
12:54:15	15.03	3.23	0.04
12:54:25	15.13	3.17	0.04
12:54:35	15.21	3.13	0.05
12:54:45	15.27	3.10	0.06
12:54:55	15.31	3.08	0.05
12:55:05	15.34	3.06	0.06
12:55:15	15.37	3.04	0.06
12:55:25	15.39	3.03	0.05
12:55:35	15.39	3.03	0.05
12:55:45	15.40	3.03	0.05
12:55:55	15.40	3.02	0.05
12:56:05	15.40	3.02	0.05
12:56:15	15.40	3.02	0.04
12:56:25	15.40	3.02	0.06
12:56:35	15.39	3.02	0.06
12:56:45	15.37	3.03	0.06
12:56:55	15.35	3.04	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:57:05	15.34	3.05	0.06
12:57:15	15.30	3.08	0.06
12:57:25	15.27	3.09	0.06
12:57:35	15.26	3.10	0.06
12:57:45	15.23	3.12	0.06
12:57:55	15.21	3.13	0.07
12:58:05	15.19	3.14	0.07
12:58:15	15.19	3.14	0.07
12:58:25	15.19	3.13	0.07
12:58:35	15.18	3.14	0.06
12:58:45	15.18	3.15	0.05
12:58:55	15.17	3.15	0.06
12:59:05	15.16	3.16	0.05
12:59:15	15.13	3.17	0.04
12:59:25	15.13	3.17	0.05
12:59:35	15.13	3.18	0.05
12:59:45	15.11	3.19	0.05
12:59:55	15.09	3.16	0.05
13:00:05	15.08	3.20	0.06
13:00:15	15.07	3.20	0.06
13:00:25	15.07	3.21	0.06
13:00:35	15.06	3.21	0.06
13:00:45	15.07	3.21	0.06
13:00:55	15.06	3.22	0.06
13:01:05	15.05	3.23	0.06
13:01:15	15.04	3.23	0.06
13:01:25	15.02	3.23	0.06
13:01:35	15.03	3.22	0.06
13:01:45	15.04	3.23	0.06
13:01:55	15.03	3.23	0.05
13:02:05	15.03	3.23	0.06
13:02:15	15.04	3.23	0.06
13:02:25	15.05	3.22	0.06
13:02:35	15.04	3.23	0.06
13:02:45	15.03	3.24	0.06
13:02:55	15.05	3.23	0.06
13:03:05	15.03	3.25	0.06
13:03:15	15.03	3.24	0.06
13:03:25	15.02	3.25	0.07
13:03:35	14.99	3.27	0.07
13:03:45	14.97	3.29	0.07
13:03:55	14.95	3.30	0.07
13:04:05	14.94	3.31	0.07
13:04:15	14.96	3.30	0.07
13:04:25	14.96	3.29	0.07
13:04:35	14.97	3.29	0.07
13:04:45	14.98	3.29	0.06
13:04:55	14.97	3.29	0.06
13:05:05	14.98	3.28	0.07
13:05:15	14.97	3.28	0.06
13:05:25	14.98	3.27	0.07
13:05:35	14.98	3.26	0.07

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:05:45	15.00	3.24	0.07
13:05:55	15.01	3.24	0.07
13:06:05	15.00	3.24	0.07
13:06:15	15.01	3.24	0.06
13:06:25	15.02	3.24	0.06
13:06:35	15.02	3.24	0.06
13:06:45	15.03	3.23	0.07
13:06:55	15.07	3.21	0.05
13:07:05	15.08	3.21	0.04
13:07:15	15.08	3.21	0.06
13:07:25	15.08	3.21	0.07
13:07:35	15.08	3.22	0.07
13:07:45	15.08	3.21	0.06
13:07:55	15.09	3.20	0.07
13:08:05	15.08	3.20	0.06
13:08:15	15.09	3.20	0.07
13:08:25	15.09	3.20	0.06
13:08:35	15.08	3.20	0.07
13:08:45	15.09	3.20	0.07
13:08:55	15.08	3.21	0.07
13:09:05	15.08	3.21	0.07
13:09:15	15.07	3.22	0.07
13:09:25	15.07	3.22	0.07
13:09:35	15.08	3.21	0.07
13:09:45	15.07	3.22	0.08
13:09:55	15.06	3.22	0.07
13:10:05	15.07	3.22	0.09
13:10:15	15.06	3.22	0.09
13:10:25	15.05	3.25	0.08
13:10:35	15.06	3.24	0.08
13:10:45	15.06	3.24	0.08
13:10:55	15.06	3.25	0.08
13:11:05	15.05	3.25	0.08
13:11:15	15.04	3.26	0.09
13:11:25	15.05	3.26	0.09
13:11:35	15.04	3.26	0.09
13:11:45	15.03	3.27	0.10
13:11:55	15.03	3.26	0.09
13:12:05	15.03	3.26	0.09
13:12:15	15.03	3.27	0.08
13:12:25	15.01	3.28	0.07
13:12:35	14.98	3.29	0.07
13:12:45	14.93	3.33	0.09
13:12:55	14.89	3.35	0.09
13:13:05	14.83	3.38	0.08
13:13:15	14.78	3.41	0.08
13:13:25	14.76	3.43	0.07
13:13:35	14.72	3.44	0.08
13:13:45	14.70	3.46	0.07
13:13:55	14.69	3.46	0.07
13:14:05	14.69	3.47	0.07
13:14:15	14.68	3.47	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:14:25	14.67	3.47	0.08
13:14:35	14.68	3.47	0.07
13:14:45	14.68	3.47	0.08
13:14:55	14.68	3.47	0.07
13:15:05	14.68	3.46	0.08
13:15:15	14.67	3.46	0.08
13:15:25	14.69	3.45	0.08
13:15:35	14.64	3.48	0.07
13:15:45	14.64	3.47	0.07
13:15:55	14.66	3.46	0.07
13:16:05	14.68	3.45	0.07
13:16:15	14.76	3.40	0.07
13:16:25	14.86	3.35	0.07
13:16:35	14.89	3.33	0.07
13:16:45	14.87	3.35	0.07
13:16:55	14.84	3.36	0.07
13:17:05	14.82	3.38	0.07
13:17:15	14.78	3.40	0.07
13:17:25	14.75	3.41	0.07
13:17:35	14.73	3.41	0.07
13:17:45	14.70	3.43	0.07
13:17:55	14.69	3.44	0.07
13:18:05	14.70	3.43	0.07
13:18:15	14.70	3.43	0.08
13:18:25	14.70	3.43	0.07
13:18:35	14.70	3.43	0.07
13:18:45	14.71	3.43	0.07
13:18:55	14.72	3.42	0.08
13:19:05	14.73	3.42	0.08
13:19:15	14.75	3.41	0.08
13:19:25	14.77	3.40	0.08
13:19:35	14.78	3.39	0.07
13:19:45	14.79	3.38	0.07
13:19:55	14.84	3.34	0.06
13:20:05	14.93	3.29	0.06
13:20:15	15.00	3.25	0.07
13:20:25	15.07	3.21	0.07
13:20:35	15.12	3.18	0.07
13:20:45	15.16	3.16	0.07
13:20:55	15.21	3.14	0.06
13:21:05	15.23	3.13	0.06
13:21:15	15.22	3.13	0.05
13:21:25	15.17	3.16	0.06
13:21:35	15.12	3.20	0.07
13:21:45	15.07	3.23	0.07
13:21:55	15.04	3.24	0.07
13:22:05	15.02	3.25	0.07
13:22:15	14.99	3.28	0.07
13:22:25	14.98	3.28	0.07
13:22:35	14.97	3.28	0.06
13:22:45	14.98	3.28	0.06
13:22:55	15.03	3.25	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:23:05	15.17	3.16	0.06
13:23:15	15.39	3.02	0.07
13:23:25	15.58	2.92	0.07
13:23:35	15.62	2.94	0.07
13:23:45	15.51	3.07	0.07
13:23:55	15.26	3.30	0.07
13:24:05	15.00	3.51	0.06
13:24:15	14.73	3.74	0.05
13:24:25	14.47	3.93	0.05
13:24:35	14.26	4.09	0.04
13:24:45	14.07	4.23	0.03
13:24:55	13.93	4.33	0.03
13:25:05	13.83	4.41	0.04
13:25:15	13.71	4.50	0.05
13:25:25	13.65	4.55	0.05
13:25:35	13.61	4.58	0.05
13:25:45	13.57	4.62	0.06
13:25:55	13.55	4.63	0.07
13:26:05	13.52	4.66	0.06
13:26:15	13.51	4.67	0.06
13:26:25	13.48	4.69	0.06
13:26:35	13.47	4.70	0.06
13:26:45	13.44	4.72	0.06
13:26:55	13.44	4.72	0.06
13:27:05	13.43	4.72	0.07
13:27:15	13.43	4.73	0.06
13:27:25	13.43	4.72	0.06
13:27:35	13.43	4.73	0.06
13:27:45	13.44	4.72	0.05
13:27:55	13.45	4.72	0.05
13:28:05	13.45	4.72	0.05
13:28:15	13.44	4.74	0.05
13:28:25	13.42	4.75	0.06
13:28:35	13.42	4.75	0.07
13:28:45	13.41	4.76	0.07
13:28:55	13.39	4.77	0.06
13:29:05	13.39	4.77	0.06
13:29:15	13.37	4.78	0.05
13:29:25	13.37	4.78	0.05
13:29:35	13.35	4.79	0.06
13:29:45	13.34	4.80	0.05
13:29:55	13.32	4.81	0.05
13:30:05	13.30	4.83	0.05
13:30:15	13.30	4.83	0.05
13:30:25	13.28	4.85	0.05
13:30:35	13.26	4.87	0.04
13:30:45	13.26	4.87	0.04
13:30:55	13.24	4.89	0.04
13:31:05	13.22	4.91	0.04
13:31:15	13.15	4.96	0.04
13:31:25	13.01	5.06	0.04
13:31:35	12.88	5.17	0.05

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:31:45	12.73	5.26	0.05
13:31:55	12.70	5.27	0.04
13:32:05	12.73	5.25	0.06
13:32:15	12.84	5.17	0.05
13:32:25	13.00	5.07	0.04
13:32:35	13.14	4.99	0.04
13:32:45	13.18	4.98	0.05
13:32:55	13.10	5.05	0.06
13:33:05	13.01	5.10	0.06
13:33:15	12.89	5.19	0.06
13:33:25	12.84	5.20	0.05
13:33:35	12.80	5.22	0.03
13:33:45	12.88	5.17	0.05
13:33:55	12.94	5.11	0.05
13:34:05	13.07	5.05	0.06
13:34:15	13.09	5.05	0.07
13:34:25	13.01	5.11	0.07
13:34:35	12.91	5.17	0.07
13:34:45	12.78	5.25	0.07
13:34:55	12.68	5.32	0.06
13:35:05	12.62	5.35	0.06
13:35:15	12.67	5.31	0.06
13:35:25	12.73	5.26	0.07
13:35:35	12.87	5.18	0.07
13:35:45	12.89	5.19	0.07
13:35:55	12.84	5.22	0.07
13:36:05	12.79	5.26	0.07
13:36:15	12.73	5.27	0.07
13:36:25	12.75	5.26	0.06
13:36:35	12.71	5.40	0.14
13:36:45	0.92	0.40	-0.06
13:36:55	0.26	0.21	-0.07
13:37:05	0.20	0.15	-0.07
13:37:15	0.16	0.12	-0.05
13:37:25	0.14	0.11	-0.01
13:37:35	0.12	0.09	-0.01
13:37:45	0.10	0.08	-0.02
13:37:55	0.10	0.08	-0.02
13:38:05	0.14	0.10	0.08
13:38:15	11.95	5.03	0.84
13:38:25	16.08	0.33	18.66
13:38:35	20.15	0.12	23.05
13:38:45	20.27	0.09	23.41
13:38:55	20.33	0.07	23.53
13:39:05	20.37	0.06	23.61
13:39:15	20.41	0.06	24.84
13:39:25	20.42	0.05	24.81
13:39:35	20.44	0.05	24.79
13:39:45	20.45	0.05	24.82
13:39:55	20.47	0.04	24.86
13:40:05	20.48	0.04	24.61
13:40:15	17.21	3.54	6.67

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
13:40:25	9.65	0.64	2.96
13:40:35	0.52	0.12	0.04
13:40:45	0.31	0.08	-0.02
13:40:55	0.25	0.06	-0.34
13:41:05	0.19	0.05	-0.06
13:41:15	0.16	0.05	-0.02
13:41:25	0.14	0.04	-0.03
13:41:35	0.12	0.04	-0.03
13:41:45	0.11	0.04	-0.03
13:41:55	0.10	0.04	-0.03
13:42:05	0.09	0.04	-0.03
13:42:15	0.08	0.04	-0.02
13:42:25	10.06	4.71	3.39
13:42:35	18.47	0.19	22.90
13:42:45	20.17	0.08	24.86
13:42:55	20.29	0.06	25.00
13:43:05	20.36	0.05	25.04
<b>THC Cal Error</b>			
13:43:15	20.40	0.05	25.07
13:43:25	20.43	0.05	25.09
13:43:35	20.45	0.04	24.73
13:43:45	20.47	0.04	24.75
13:43:55	20.48	0.04	24.77
13:44:05	20.49	0.04	24.79
13:44:15	20.50	0.04	24.79
13:44:25	20.51	0.04	24.80
<b>24.7 propane</b>	<b>20.50</b>	<b>0.04</b>	<b>24.79</b>
13:44:35	20.51	0.04	22.87
13:44:45	14.87	4.58	7.23
13:44:55	19.90	0.23	14.61
13:45:05	20.41	0.09	14.97
13:45:15	20.43	0.07	15.10
13:45:25	20.44	0.05	15.15
13:45:35	20.45	0.04	15.16
13:45:45	20.45	0.04	15.17
13:45:55	20.46	0.04	15.18
<b>14.8 propane</b>	<b>20.45</b>	<b>0.04</b>	<b>15.17</b>
13:46:05	20.46	0.04	14.13
13:46:15	15.05	4.55	2.66
13:46:25	19.08	0.51	7.89
13:46:35	20.47	0.11	8.44
13:46:45	20.51	0.07	8.55
13:46:55	20.53	0.06	8.58
13:47:05	20.54	0.05	8.59
13:47:15	20.54	0.05	8.61
13:47:25	20.54	0.04	8.61
13:47:35	20.55	0.04	8.61
<b>8.43 propane</b>	<b>20.55</b>	<b>0.04</b>	<b>8.61</b>
13:47:45	17.72	3.20	3.42
13:47:55	2.92	0.16	0.35
13:48:05	0.45	0.06	-0.03
13:48:15	0.32	0.04	-0.05

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
13:48:25	0.25	0.04	-0.06
13:48:35	0.21	0.03	-0.07
13:48:45	0.18	0.03	-0.07
13:48:55	0.15	0.03	-0.07
13:49:05	0.14	0.03	-0.07
13:49:15	0.12	0.03	-0.08
13:49:25	0.11	0.03	-0.08
<b>N2 Zero</b>	<b>0.12</b>	<b>0.03</b>	<b>-0.08</b>
13:49:35	0.10	0.03	-0.07
13:49:45	9.28	4.73	0.22
13:49:55	9.38	9.27	-0.02
13:50:05	9.89	9.70	-0.06
13:50:15	9.93	9.78	-0.06
13:50:25	9.95	9.83	-0.07
13:50:35	9.96	9.85	-0.07
13:50:45	9.97	9.88	-0.06
13:50:55	9.98	9.88	-0.07
13:51:05	9.98	9.89	0.01
<b>10.1/10.0 O2/CO2</b>	<b>9.98</b>	<b>9.88</b>	<b>-0.04</b>
13:51:15	12.03	5.55	0.35
13:51:25	12.35	5.69	0.35
13:51:35	12.33	5.70	0.34
13:51:45	12.31	5.70	0.32
13:51:55	12.30	5.70	0.29
13:52:05	12.32	5.67	0.27
13:52:15	12.31	5.68	0.26
13:52:25	12.30	5.68	0.25
13:52:35	12.31	5.67	0.24
13:52:45	12.29	5.69	0.24
13:52:55	12.26	5.72	0.23
13:53:05	12.28	5.68	0.22
13:53:15	12.31	5.65	0.22
13:53:25	12.40	5.58	0.21
13:53:35	12.50	5.49	0.21
13:53:45	12.59	5.44	0.21
13:53:55	12.58	5.48	0.21
13:54:05	12.43	5.60	0.21
13:54:15	12.28	5.73	0.21
13:54:25	12.13	5.82	0.20
13:54:35	12.06	5.86	0.20
13:54:45	12.02	5.88	0.20
13:54:55	12.09	5.82	0.20
13:55:05	12.20	5.72	0.19
13:55:15	12.31	5.64	0.19
13:55:25	12.32	5.65	0.19
13:55:35	12.22	5.75	0.18
13:55:45	12.10	5.85	0.18
13:55:55	11.98	5.95	0.18
13:56:05	11.90	6.00	0.18
13:56:15	11.88	6.00	0.17
13:56:25	11.93	5.96	0.17
13:56:35	12.06	5.83	0.18



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:56:45	12.17	5.76	0.18
13:56:55	12.15	5.80	0.18
13:57:05	12.08	5.86	0.17
13:57:15	11.97	5.96	0.16
13:57:25	11.87	6.01	0.18
13:57:35	11.83	6.03	0.18
13:57:45	11.87	5.98	0.17
13:57:55	11.95	5.91	0.17
13:58:05	12.09	5.77	0.17
13:58:15	12.21	5.70	0.17
13:58:25	12.18	5.75	0.17
13:58:35	12.10	5.83	0.17
13:58:45	11.99	5.92	0.17
13:58:55	11.90	5.97	0.17
13:59:05	11.83	6.03	0.17
13:59:15	11.84	5.98	0.17
13:59:25	11.94	5.90	0.17
13:59:35	12.07	5.80	0.17
13:59:45	12.09	5.82	0.17
13:59:55	12.00	5.90	0.17
<b>Start Run 2B</b>			
14:00:05	11.87	6.00	0.16
14:00:15	11.77	6.07	0.15
14:00:25	11.74	6.07	0.16
14:00:35	11.78	6.03	0.16
14:00:45	11.86	5.96	0.16
14:00:55	11.93	5.92	0.16
14:01:05	11.88	6.00	0.16
14:01:15	11.79	6.08	0.16
14:01:25	11.67	6.17	0.17
14:01:35	11.57	6.25	0.16
14:01:45	11.46	6.33	0.15
14:01:55	11.43	6.34	0.15
14:02:05	11.42	6.35	0.15
14:02:15	11.51	6.27	0.16
14:02:25	11.63	6.17	0.16
14:02:35	11.79	6.04	0.17
14:02:45	11.89	5.98	0.16
14:02:55	11.89	6.02	0.17
14:03:05	11.81	6.07	0.17
14:03:15	11.75	6.13	0.17
14:03:25	11.65	6.19	0.17
14:03:35	11.62	6.21	0.16
14:03:45	11.62	6.18	0.16
14:03:55	11.74	6.09	0.17
14:04:05	11.87	5.98	0.17
14:04:15	11.99	5.92	0.17
14:04:25	11.94	5.99	0.17
14:04:35	11.85	6.07	0.17
14:04:45	11.74	6.14	0.17
14:04:55	11.67	6.19	0.17
14:05:05	11.66	6.18	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:05:15	11.73	6.13	0.17
14:05:25	11.83	6.04	0.17
14:05:35	11.93	5.97	0.17
14:05:45	11.92	6.01	0.17
14:05:55	11.81	6.11	0.15
14:06:05	11.69	6.20	0.16
14:06:15	11.61	6.25	0.16
14:06:25	11.55	6.29	0.15
14:06:35	11.57	6.25	0.16
14:06:45	11.64	6.18	0.15
14:06:55	11.77	6.08	0.16
14:07:05	11.82	6.06	0.16
14:07:15	11.79	6.11	0.16
14:07:25	11.67	6.21	0.15
14:07:35	11.56	6.27	0.17
14:07:45	11.52	6.31	0.17
14:07:55	11.52	6.28	0.16
14:08:05	11.62	6.19	0.16
14:08:15	11.77	6.06	0.16
14:08:25	11.86	6.03	0.16
14:08:35	11.83	6.07	0.16
14:08:45	11.73	6.16	0.16
14:08:55	11.60	6.25	0.16
14:09:05	11.54	6.30	0.15
14:09:15	11.51	6.29	0.15
14:09:25	11.62	6.20	0.15
14:09:35	11.73	6.10	0.15
14:09:45	11.83	6.04	0.15
14:09:55	11.81	6.08	0.15
14:10:05	11.73	6.15	0.15
14:10:15	11.62	6.24	0.15
14:10:25	11.57	6.25	0.15
14:10:35	11.53	6.26	0.15
14:10:45	11.61	6.20	0.14
14:10:55	11.68	6.13	0.15
14:11:05	11.82	6.02	0.16
14:11:15	11.74	6.23	0.15
14:11:25	11.39	6.40	0.15
14:11:35	11.28	6.48	0.14
14:11:45	11.22	6.53	0.14
14:11:55	11.18	6.56	0.14
14:12:05	11.08	6.65	0.14
14:12:15	10.98	6.71	0.14
14:12:25	10.94	6.73	0.14
14:12:35	10.93	6.77	0.14
14:12:45	11.72	5.73	0.19
14:12:55	13.18	5.16	0.21
14:13:05	12.43	5.77	0.19
14:13:15	11.94	6.16	0.18
14:13:25	11.60	6.40	0.16
14:13:35	11.56	6.42	0.17
14:13:45	11.61	6.38	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:13:55	11.62	6.38	0.17
14:14:05	11.66	6.35	0.16
14:14:15	11.69	6.32	0.15
14:14:25	11.79	6.25	0.15
14:14:35	11.94	6.12	0.16
14:14:45	12.09	5.89	0.18
14:14:55	12.78	5.39	0.20
14:15:05	12.52	5.74	0.20
14:15:15	12.49	5.82	0.20
14:15:25	12.28	5.99	0.18
14:15:35	12.21	6.03	0.18
14:15:45	12.28	5.95	0.17
14:15:55	12.41	5.84	0.17
14:16:05	12.61	5.68	0.17
14:16:15	12.69	5.64	0.18
14:16:25	12.68	5.68	0.17
14:16:35	12.64	5.73	0.17
14:16:45	12.49	5.70	0.18
14:16:55	12.46	5.74	0.17
14:17:05	12.47	5.77	0.16
14:17:15	12.47	5.79	0.16
14:17:25	12.56	5.70	0.15
14:17:35	12.68	5.60	0.15
14:17:45	12.81	5.50	0.17
14:17:55	12.84	5.49	0.17
14:18:05	12.76	5.56	0.17
14:18:15	12.65	5.64	0.17
14:18:25	12.54	5.73	0.16
14:18:35	12.42	5.80	0.15
14:18:45	12.35	5.85	0.15
14:18:55	12.37	5.82	0.15
14:19:05	12.40	5.77	0.15
14:19:15	12.51	5.67	0.15
14:19:25	12.55	5.67	0.15
14:19:35	12.46	5.75	0.15
14:19:45	12.31	5.86	0.15
14:19:55	12.18	5.97	0.14
14:20:05	12.07	6.03	0.15
14:20:15	12.05	6.04	0.15
14:20:25	12.07	6.00	0.15
14:20:35	12.17	5.92	0.14
14:20:45	12.29	5.83	0.15
14:20:55	12.36	5.80	0.16
14:21:05	12.30	5.87	0.16
14:21:15	12.18	5.97	0.15
14:21:25	12.09	6.03	0.15
14:21:35	11.99	6.09	0.15
14:21:45	11.95	6.11	0.15
14:21:55	11.97	6.07	0.15
14:22:05	12.06	6.00	0.15
14:22:15	12.19	5.89	0.16
14:22:25	12.25	5.86	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:22:35	12.21	5.91	0.17
14:22:45	12.12	5.99	0.17
14:22:55	12.03	6.06	0.16
14:23:05	11.93	6.13	0.16
14:23:15	11.90	6.14	0.17
14:23:25	11.96	6.09	0.17
14:23:35	12.03	6.01	0.17
14:23:45	12.17	5.92	0.17
14:23:55	12.21	5.90	0.17
14:24:05	12.17	5.95	0.17
14:24:15	12.10	6.01	0.18
14:24:25	12.00	6.10	0.17
14:24:35	11.93	6.13	0.17
14:24:45	11.89	6.16	0.17
14:24:55	11.94	6.10	0.17
14:25:05	12.02	6.03	0.16
14:25:15	12.15	5.91	0.16
14:25:25	12.21	5.88	0.16
14:25:35	12.16	5.93	0.16
14:25:45	12.06	6.02	0.16
14:25:55	11.95	6.11	0.16
14:26:05	11.86	6.17	0.15
14:26:15	11.82	6.18	0.16
14:26:25	11.86	6.15	0.16
14:26:35	11.91	6.10	0.16
14:26:45	12.03	5.99	0.16
14:26:55	12.09	5.96	0.16
14:27:05	12.03	6.04	0.16
14:27:15	11.93	6.11	0.17
14:27:25	11.82	6.21	0.17
14:27:35	11.72	6.27	0.17
14:27:45	11.69	6.29	0.17
14:27:55	11.72	6.25	0.17
14:28:05	11.80	6.17	0.17
14:28:15	11.93	6.05	0.17
14:28:25	12.02	6.00	0.17
14:28:35	11.95	6.07	0.17
14:28:45	11.86	6.13	0.16
14:28:55	11.75	6.22	0.15
14:29:05	11.66	6.28	0.16
14:29:15	11.63	6.30	0.17
14:29:25	11.70	6.22	0.17
14:29:35	11.77	6.15	0.18
14:29:45	11.88	6.06	0.18
14:29:55	11.95	6.04	0.17
14:30:05	11.89	6.12	0.18
14:30:15	11.80	6.21	0.18
14:30:25	11.73	6.28	0.17
14:30:35	11.65	6.32	0.17
14:30:45	11.63	6.34	0.18
14:30:55	11.66	6.30	0.17
14:31:05	11.75	6.22	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:31:15	11.89	6.10	0.17
14:31:25	11.98	6.05	0.15
14:31:35	11.98	6.06	0.17
14:31:45	11.88	6.14	0.16
14:31:55	11.79	6.21	0.17
14:32:05	11.70	6.26	0.17
14:32:15	11.64	6.30	0.17
14:32:25	11.65	6.25	0.16
14:32:35	11.72	6.19	0.17
14:32:45	11.87	6.08	0.17
14:32:55	11.98	6.01	0.17
14:33:05	11.93	6.08	0.17
14:33:15	11.86	6.13	0.16
14:33:25	11.76	6.21	0.16
14:33:35	11.66	6.27	0.17
14:33:45	11.63	6.29	0.17
14:33:55	11.60	6.29	0.16
14:34:05	11.67	6.24	0.17
14:34:15	11.78	6.14	0.17
14:34:25	11.90	6.07	0.17
14:34:35	11.90	6.11	0.17
14:34:45	11.82	6.18	0.17
14:34:55	11.75	6.22	0.17
14:35:05	11.70	6.25	0.17
14:35:15	11.64	6.29	0.17
14:35:25	11.59	6.31	0.17
14:35:35	11.55	6.35	0.17
14:35:45	11.52	6.35	0.17
14:35:55	11.49	6.36	0.17
14:36:05	11.43	6.40	0.17
14:36:15	11.39	6.43	0.15
14:36:25	11.30	6.51	0.16
14:36:35	11.26	6.53	0.17
14:36:45	11.20	6.57	0.16
14:36:55	11.23	6.52	0.15
14:37:05	11.28	6.48	0.15
14:37:15	11.41	6.39	0.17
14:37:25	11.45	6.39	0.17
14:37:35	11.40	6.45	0.17
14:37:45	11.30	6.53	0.17
14:37:55	11.19	6.62	0.18
14:38:05	11.12	6.67	0.17
14:38:15	11.06	6.72	0.16
14:38:25	11.11	6.66	0.16
14:38:35	11.20	6.59	0.16
14:38:45	11.32	6.50	0.17
14:38:55	11.36	6.50	0.17
14:39:05	11.33	6.54	0.17
14:39:15	11.26	6.59	0.17
14:39:25	11.20	6.65	0.17
14:39:35	11.13	6.68	0.17
14:39:45	11.07	6.74	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:39:55	11.09	6.69	0.17
14:40:05	11.16	6.64	0.16
14:40:15	11.29	6.53	0.14
14:40:25	11.37	6.48	0.17
14:40:35	11.34	6.53	0.16
14:40:45	11.27	6.60	0.16
14:40:55	11.17	6.67	0.16
14:41:05	11.10	6.73	0.16
14:41:15	10.99	6.80	0.16
14:41:25	10.97	6.81	0.14
14:41:35	10.95	6.80	0.17
14:41:45	11.05	6.73	0.17
14:41:55	11.16	6.64	0.17
14:42:05	11.30	6.54	0.17
14:42:15	11.28	6.59	0.17
14:42:25	11.20	6.66	0.17
14:42:35	11.14	6.72	0.17
14:42:45	11.03	6.80	0.17
14:42:55	10.97	6.83	0.17
14:43:05	10.95	6.81	0.17
14:43:15	11.04	6.75	0.17
14:43:25	11.16	6.65	0.17
14:43:35	11.26	6.59	0.17
14:43:45	11.27	6.61	0.17
14:43:55	11.22	6.65	0.16
14:44:05	11.12	6.73	0.15
14:44:15	11.04	6.77	0.16
14:44:25	11.02	6.78	0.17
14:44:35	11.02	6.74	0.17
14:44:45	11.11	6.69	0.17
14:44:55	11.20	6.60	0.19
14:45:05	11.31	6.53	0.18
14:45:15	11.30	6.58	0.18
14:45:25	11.21	6.66	0.18
14:45:35	11.13	6.74	0.17
14:45:45	11.01	6.83	0.18
14:45:55	10.99	6.83	0.18
14:46:05	10.96	6.83	0.19
14:46:15	11.03	6.78	0.17
14:46:25	11.12	6.69	0.17
14:46:35	11.25	6.59	0.17
14:46:45	11.28	6.60	0.18
14:46:55	11.23	6.63	0.17
14:47:05	11.19	6.66	0.17
14:47:15	11.14	6.70	0.17
14:47:25	11.10	6.72	0.17
14:47:35	11.06	6.74	0.18
14:47:45	11.08	6.72	0.18
14:47:55	11.05	6.74	0.19
14:48:05	11.04	6.75	0.19
14:48:15	11.04	6.76	0.19
14:48:25	11.03	6.74	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:48:35	11.05	6.73	0.17
14:48:45	11.12	6.66	0.17
14:48:55	11.21	6.60	0.17
14:49:05	11.36	6.48	0.17
14:49:15	11.46	6.43	0.17
14:49:25	11.48	6.43	0.17
14:49:35	11.41	6.52	0.17
14:49:45	11.29	6.60	0.18
14:49:55	11.23	6.64	0.17
14:50:05	11.20	6.64	0.15
14:50:15	11.27	6.58	0.16
14:50:25	11.38	6.48	0.17
14:50:35	11.53	6.37	0.17
14:50:45	11.54	6.39	0.17
14:50:55	11.49	6.45	0.17
14:51:05	11.36	6.55	0.17
14:51:15	11.26	6.63	0.17
14:51:25	11.19	6.68	0.16
14:51:35	11.20	6.66	0.17
14:51:45	11.24	6.60	0.17
14:51:55	11.33	6.55	0.17
14:52:05	11.35	6.56	0.17
14:52:15	11.27	6.64	0.17
14:52:25	11.15	6.74	0.17
14:52:35	11.03	6.82	0.16
14:52:45	10.97	6.86	0.17
14:52:55	10.97	6.84	0.17
14:53:05	11.02	6.79	0.17
14:53:15	11.12	6.71	0.17
14:53:25	11.18	6.71	0.17
14:53:35	11.12	6.77	0.17
14:53:45	11.03	6.86	0.19
14:53:55	10.92	6.93	0.19
14:54:05	10.87	6.98	0.18
14:54:15	10.86	6.97	0.17
14:54:25	10.92	6.93	0.18
14:54:35	11.03	6.84	0.18
14:54:45	11.15	6.78	0.17
14:54:55	11.13	6.82	0.18
14:55:05	11.06	6.88	0.18
14:55:15	10.96	6.97	0.17
14:55:25	10.91	7.00	0.17
14:55:35	10.87	7.01	0.18
14:55:45	10.94	6.95	0.17
14:55:55	11.03	6.87	0.17
14:56:05	11.16	6.78	0.16
14:56:15	11.19	6.78	0.17
14:56:25	11.14	6.82	0.17
14:56:35	11.05	6.90	0.17
14:56:45	10.95	6.97	0.17
14:56:55	10.87	7.03	0.17
14:57:05	10.86	7.01	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:57:15	10.93	6.96	0.17
14:57:25	11.05	6.86	0.17
14:57:35	11.18	6.77	0.17
14:57:45	11.20	6.76	0.17
14:57:55	11.15	6.82	0.17
14:58:05	11.04	6.90	0.17
14:58:15	10.96	6.95	0.18
14:58:25	10.89	6.99	0.19
14:58:35	10.88	6.98	0.17
14:58:45	10.94	6.92	0.17
14:58:55	11.05	6.83	0.18
14:59:05	11.17	6.76	0.18
14:59:15	11.14	6.82	0.18
14:59:25	11.12	6.84	0.18
14:59:35	11.02	6.92	0.18
14:59:45	10.89	7.00	0.17
14:59:55	10.84	7.04	0.17
15:00:05	10.86	7.01	0.17
15:00:15	10.94	6.94	0.17
15:00:25	11.08	6.84	0.17
15:00:35	11.19	6.78	0.17
15:00:45	11.18	6.80	0.16
15:00:55	11.10	6.87	0.19
15:01:05	11.03	6.91	0.18
15:01:15	10.96	6.95	0.18
15:01:25	10.90	6.99	0.18
15:01:35	10.89	6.99	0.18
15:01:45	10.84	7.02	0.18
15:01:55	10.81	7.04	0.17
15:02:05	10.76	7.07	0.17
15:02:15	10.75	7.07	0.17
<b>25A Drift Check</b>			
15:02:25	10.78	7.03	0.27
15:02:35	1.96	0.52	0.09
15:02:45	0.22	0.22	0.04
15:02:55	0.16	0.16	0.03
15:03:05	0.14	0.13	0.03
15:03:15	0.11	0.10	0.03
15:03:25	0.09	0.08	0.02
15:03:35	0.08	0.08	0.02
15:03:45	0.07	0.07	0.01
15:03:55	0.07	0.06	0.00
<b>N2 Zero</b>	<b>0.08</b>	<b>0.07</b>	<b>0.01</b>
15:04:05	7.68	5.77	0.23
15:04:15	14.36	0.45	9.61
15:04:25	20.02	0.13	14.42
15:04:35	20.15	0.10	14.69
15:04:45	20.22	0.08	14.77
15:04:55	20.26	0.07	14.82
15:05:05	20.28	0.06	14.86
15:05:15	20.31	0.06	14.91
15:05:25	20.32	0.05	14.94



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
15:05:35	20.33	0.05	14.95
15:05:45	20.34	0.05	14.97
<b>14.8 propane</b>	<b>20.33</b>	<b>0.05</b>	<b>14.95</b>
15:05:55	20.35	0.04	14.86
15:06:05	15.26	5.38	3.66
15:06:15	11.47	6.48	0.36
15:06:25	11.25	6.63	0.30
15:06:35	11.15	6.72	0.28
15:06:45	11.16	6.69	0.24
15:06:55	11.22	6.65	0.22
15:07:05	11.36	6.55	0.20
<b>Resume 2B</b>			
15:07:15	11.40	6.54	0.19
15:07:25	11.42	6.53	0.19
15:07:35	11.39	6.56	0.19
15:07:45	11.34	6.60	0.18
15:07:55	11.30	6.63	0.18
15:08:05	11.27	6.67	0.19
15:08:15	11.25	6.68	0.20
15:08:25	11.18	6.76	0.21
15:08:35	11.18	6.76	0.21
15:08:45	11.18	6.77	0.22
15:08:55	11.25	6.70	0.21
15:09:05	11.31	6.66	0.22
15:09:15	11.43	6.56	0.22
15:09:25	11.49	6.54	0.22
15:09:35	11.44	6.59	0.21
15:09:45	11.38	6.64	0.22
15:09:55	11.26	6.72	0.21
15:10:05	11.23	6.72	0.21
15:10:15	11.22	6.71	0.20
15:10:25	11.32	6.61	0.20
15:10:35	11.41	6.51	0.19
15:10:45	11.58	6.37	0.19
15:10:55	11.67	6.33	0.18
15:11:05	11.63	6.35	0.18
15:11:15	11.58	6.40	0.18
15:11:25	11.50	6.45	0.17
15:11:35	11.47	6.47	0.17
15:11:45	11.44	6.47	0.17
15:11:55	11.52	6.40	0.17
15:12:05	11.62	6.31	0.18
15:12:15	11.76	6.21	0.17
15:12:25	11.76	6.23	0.18
15:12:35	11.66	6.31	0.17
15:12:45	11.55	6.40	0.17
15:12:55	11.40	6.50	0.17
15:13:05	11.33	6.54	0.17
15:13:15	11.28	6.56	0.17
15:13:25	11.27	6.57	0.17
15:13:35	11.32	6.51	0.17
15:13:45	11.35	6.51	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:13:55	11.29	6.57	0.17
15:14:05	11.17	6.68	0.18
15:14:15	11.01	6.80	0.18
15:14:25	10.91	6.85	0.18
15:14:35	10.86	6.88	0.17
15:14:45	10.91	6.83	0.17
15:14:55	10.98	6.77	0.18
15:15:05	11.12	6.66	0.19
15:15:15	11.20	6.64	0.18
15:15:25	11.16	6.68	0.19
15:15:35	11.11	6.73	0.19
15:15:45	10.95	6.84	0.18
15:15:55	10.87	6.89	0.18
15:16:05	10.82	6.93	0.18
15:16:15	10.86	6.88	0.17
15:16:25	10.91	6.84	0.17
15:16:35	11.03	6.75	0.17
15:16:45	11.08	6.74	0.17
15:16:55	11.00	6.82	0.17
15:17:05	10.87	6.91	0.17
15:17:15	10.74	7.01	0.17
15:17:25	10.66	7.06	0.17
15:17:35	10.62	7.08	0.14
15:17:45	10.67	7.03	0.14
15:17:55	10.78	6.94	0.15
15:18:05	10.93	6.84	0.16
15:18:15	10.97	6.85	0.16
15:18:25	10.90	6.92	0.16
15:18:35	10.77	7.02	0.17
15:18:45	10.66	7.11	0.17
15:18:55	10.59	7.16	0.17
15:19:05	10.57	7.15	0.17
15:19:15	10.66	7.07	0.18
15:19:25	10.83	6.93	0.18
15:19:35	10.95	6.87	0.18
15:19:45	10.96	6.81	0.18
15:19:55	10.87	6.97	0.17
15:20:05	10.76	7.05	0.16
15:20:15	10.67	7.07	0.16
15:20:25	10.64	7.11	0.17
15:20:35	10.65	7.08	0.16
15:20:45	10.75	7.00	0.17
15:20:55	10.89	6.89	0.17
15:21:05	10.98	6.75	0.16
15:21:15	10.97	6.88	0.17
15:21:25	10.89	6.94	0.17
15:21:35	10.79	7.03	0.17
15:21:45	10.70	7.07	0.17
15:21:55	10.66	7.08	0.17
15:22:05	10.70	7.04	0.17
15:22:15	10.78	6.97	0.17
15:22:25	10.90	6.87	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:22:35	10.97	6.84	0.17
15:22:45	10.94	6.88	0.17
15:22:55	10.86	6.94	0.17
15:23:05	10.72	7.05	0.17
15:23:15	10.64	7.09	0.15
15:23:25	10.62	7.10	0.15
15:23:35	10.66	7.06	0.15
15:23:45	10.75	6.98	0.15
15:23:55	10.89	6.88	0.15
15:24:05	10.96	6.86	0.16
15:24:15	10.87	6.94	0.16
15:24:25	10.80	7.01	0.16
15:24:35	10.69	7.09	0.16
15:24:45	10.65	7.12	0.16
15:24:55	10.61	7.14	0.17
15:25:05	10.68	7.08	0.15
15:25:15	10.78	7.01	0.15
15:25:25	10.90	6.92	0.16
15:25:35	10.94	6.92	0.16
15:25:45	10.85	7.00	0.16
15:25:55	10.76	7.06	0.16
15:26:05	10.67	7.12	0.16
15:26:15	10.63	7.14	0.15
15:26:25	10.61	7.13	0.16
15:26:35	10.69	7.07	0.16
15:26:45	10.82	6.95	0.16
15:26:55	10.98	6.85	0.17
15:27:05	11.02	6.85	0.17
15:27:15	10.94	6.91	0.17
15:27:25	10.84	7.01	0.17
15:27:35	10.75	7.06	0.16
15:27:45	10.74	7.06	0.16
15:27:55	10.76	7.02	0.17
15:28:05	10.88	6.93	0.16
15:28:15	11.04	6.79	0.15
15:28:25	11.19	6.71	0.16
15:28:35	11.18	6.75	0.17
15:28:45	11.13	6.79	0.17
15:28:55	11.04	6.88	0.15
15:29:05	10.93	6.94	0.14
15:29:15	10.85	7.00	0.15
15:29:25	10.85	6.97	0.16
15:29:35	10.93	6.93	0.16
15:29:45	11.02	6.85	0.16
15:29:55	11.10	6.80	0.16
15:30:05	11.11	6.81	0.16
<b>Stack train port change / Cems issue</b>			
15:30:15	11.04	6.86	0.16
15:30:25	10.91	6.97	0.17
15:30:35	10.83	7.03	0.17
15:30:45	10.78	7.05	0.17
15:30:55	10.81	7.02	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:31:05	10.90	6.94	0.19
15:31:15	11.02	6.83	0.18
15:31:25	11.10	6.80	0.16
15:31:35	11.06	6.84	0.16
15:31:45	10.98	6.90	0.17
15:31:55	10.87	6.99	0.16
15:32:05	10.80	7.01	0.17
15:32:15	10.76	7.04	0.17
15:32:25	10.79	6.99	0.17
15:32:35	10.85	6.94	0.17
15:32:45	10.97	6.85	0.18
15:32:55	11.06	6.79	0.18
15:33:05	11.02	6.85	0.17
15:33:15	10.95	6.90	0.16
15:33:25	10.83	7.00	0.17
15:33:35	10.73	7.05	0.17
15:33:45	10.70	7.08	0.17
15:33:55	10.78	7.00	0.17
15:34:05	10.83	6.96	0.16
15:34:15	10.97	6.86	0.17
15:34:25	11.05	6.83	0.16
15:34:35	10.99	6.90	0.15
15:34:45	10.90	6.97	0.15
15:34:55	10.79	7.05	0.16
15:35:05	10.78	7.05	0.16
15:35:15	10.74	7.07	0.16
15:35:25	10.82	6.99	0.17
15:35:35	10.90	6.92	0.16
15:35:45	11.05	6.80	0.15
15:35:55	11.12	6.77	0.17
15:36:05	11.05	6.84	0.18
15:36:15	10.99	6.88	0.18
15:36:25	10.88	6.96	0.18
15:36:35	10.85	6.97	0.18
15:36:45	10.83	6.98	0.18
15:36:55	10.95	6.88	0.18
15:37:05	11.06	6.78	0.17
15:37:15	11.24	6.65	0.17
15:37:25	11.30	6.63	0.18
15:37:35	11.28	6.66	0.19
15:37:45	11.19	6.72	0.19
15:37:55	11.13	6.78	0.19
15:38:05	11.09	6.80	0.18
15:38:15	11.05	6.84	0.17
15:38:25	10.99	6.89	0.17
15:38:35	10.92	6.95	0.16
15:38:45	10.89	6.98	0.16
15:38:55	10.89	6.99	0.16
15:39:05	10.96	6.94	0.18
15:39:15	11.07	6.84	0.20
15:39:25	11.24	6.71	0.20
15:39:35	11.30	6.68	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:39:45	11.30	6.69	0.77
15:39:55	11.30	6.70	2.17
15:40:05	11.30	6.71	2.29
15:40:15	11.30	6.71	1.54
15:40:25	11.30	6.72	1.14
15:40:35	11.30	6.72	0.92
15:40:45	11.30	6.74	0.85
15:40:55	11.30	6.73	0.79
15:41:05	12.10	4.61	0.66
15:41:15	11.37	6.75	0.33
15:41:25	11.14	6.77	0.26
15:41:35	11.03	6.88	0.25
15:41:45	10.93	6.95	0.24
15:41:55	10.86	6.99	0.24
15:42:05	10.87	6.97	0.24
15:42:15	10.88	6.94	0.25
15:42:25	10.98	6.87	0.22
15:42:35	11.00	6.88	0.29
15:42:45	18.50	0.92	0.46
15:42:55	16.37	3.71	0.36
15:43:05	11.69	6.76	0.25
15:43:15	11.00	6.83	0.24
15:43:25	10.77	7.09	0.23
15:43:35	10.66	7.05	0.23
15:43:45	10.71	7.01	0.22
15:43:55	10.86	6.92	0.21
15:44:05	10.92	6.89	0.21
15:44:15	10.88	6.93	0.20
15:44:25	10.79	7.00	0.20
15:44:35	10.69	7.08	0.22
15:44:45	10.63	7.12	0.20
15:44:55	10.60	7.13	0.21
15:45:05	10.68	7.05	0.22
15:45:15	10.80	6.96	0.22
15:45:25	10.94	6.85	0.22
15:45:35	11.05	6.80	0.22
15:45:45	11.02	6.84	0.21
15:45:55	10.97	6.87	0.21
15:46:05	10.90	6.92	0.21
15:46:15	10.83	6.97	0.20
15:46:25	10.73	7.04	0.18
15:46:35	10.70	7.04	0.18
15:46:45	10.68	7.04	0.18
15:46:55	10.79	6.95	0.19
15:47:05	10.90	6.86	0.19
15:47:15	11.02	6.78	0.20
15:47:25	11.05	6.78	0.20
15:47:35	11.00	6.83	0.20
15:47:45	10.91	6.90	0.20
15:47:55	10.80	6.99	0.21
15:48:05	10.76	7.02	0.21
15:48:15	10.74	7.02	0.21

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
15:48:25	10.84	6.94	0.21
15:48:35	10.96	6.84	0.21
15:48:45	11.11	6.74	0.21
15:48:55	11.15	6.74	0.21
15:49:05	11.07	6.80	0.22
15:49:15	11.00	6.87	0.21
15:49:25	10.89	6.94	0.20
15:49:35	10.85	6.97	0.21

**Stack train port change / Cems issue**

15:49:45	10.83	6.97	0.20
15:49:55	10.90	6.92	0.20
15:50:05	11.02	6.81	0.20
15:50:15	11.16	6.72	0.19
15:50:25	11.16	6.74	0.18
15:50:35	11.10	6.80	0.19
15:50:45	11.00	6.87	0.19
15:50:55	10.91	6.93	0.19
15:51:05	10.84	6.97	0.17
15:51:15	10.86	6.94	0.18
15:51:25	10.95	6.86	0.17
15:51:35	11.07	6.76	0.17
15:51:45	11.15	6.72	0.17
15:51:55	11.15	6.74	0.18
15:52:05	11.07	6.82	0.19
15:52:15	10.92	6.92	0.18
15:52:25	10.83	6.99	0.18
15:52:35	10.76	7.03	0.17
15:52:45	10.79	6.99	0.17
15:52:55	10.88	6.92	0.16
15:53:05	11.02	6.82	0.17
15:53:15	11.07	6.80	0.17
15:53:25	11.01	6.87	0.15
15:53:35	10.91	6.94	0.16
15:53:45	10.77	7.05	0.17
15:53:55	10.70	7.09	0.17
15:54:05	10.68	7.09	0.17
15:54:15	10.78	7.01	0.17
15:54:25	10.86	6.94	0.17
15:54:35	11.01	6.82	0.17
15:54:45	11.08	6.79	0.17
15:54:55	11.04	6.84	0.17
15:55:05	10.95	6.91	0.16
15:55:15	10.83	7.00	0.18
15:55:25	10.80	7.01	0.19
15:55:35	10.76	7.04	0.18
15:55:45	10.84	6.97	0.18
15:55:55	10.95	6.87	0.18
15:56:05	11.09	6.77	0.18
15:56:15	11.12	6.79	0.18
15:56:25	11.03	6.87	0.17
15:56:35	10.96	6.93	0.17
15:56:45	10.86	7.01	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:56:55	10.82	7.03	0.17
15:57:05	10.81	7.02	0.17
15:57:15	10.89	6.96	0.17
15:57:25	11.00	6.87	0.16
15:57:35	11.14	6.78	0.16
15:57:45	11.15	6.79	0.17
15:57:55	11.07	6.87	0.17
15:58:05	10.95	6.96	0.16
15:58:15	10.84	7.03	0.17
15:58:25	10.77	7.09	0.17
15:58:35	10.72	7.09	0.17
15:58:45	10.79	7.04	0.17
15:58:55	10.90	6.94	0.17
15:59:05	10.99	6.88	0.17
15:59:15	10.98	6.89	0.17
15:59:25	10.93	6.95	0.17
15:59:35	10.87	7.00	0.17
15:59:45	10.78	7.07	0.17
15:59:55	10.71	7.10	0.18
16:00:05	10.67	7.14	0.18
16:00:15	10.64	7.15	0.17
16:00:25	10.63	7.16	0.17
16:00:35	10.59	7.19	0.19
16:00:45	10.57	7.21	0.19
16:00:55	10.58	7.22	0.19
16:01:05	10.55	7.26	0.18
16:01:15	10.54	7.28	0.19
16:01:25	10.53	7.29	0.20
16:01:35	10.52	7.31	0.19
16:01:45	10.53	7.29	0.19
16:01:55	10.54	7.28	0.20
16:02:05	10.54	7.28	0.20
16:02:15	10.52	7.31	0.20
16:02:25	10.47	7.34	0.20
16:02:35	10.47	7.33	0.20
16:02:45	10.50	7.29	0.21
16:02:55	10.61	7.21	0.20
16:03:05	10.76	7.09	0.20
16:03:15	10.89	7.00	0.20
16:03:25	10.91	7.01	0.21
16:03:35	10.84	7.08	0.21
16:03:45	10.73	7.16	0.20
16:03:55	10.66	7.21	0.20
16:04:05	10.62	7.22	0.20
16:04:15	10.66	7.18	0.20
16:04:25	10.75	7.10	0.20
16:04:35	10.88	6.99	0.20
16:04:45	10.97	6.95	0.20
16:04:55	10.94	6.98	0.20
16:05:05	10.85	7.05	0.21
16:05:15	10.72	7.15	0.21
16:05:25	10.66	7.19	0.21

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:05:35	10.59	7.22	0.20
16:05:45	10.69	7.13	0.21
16:05:55	10.80	7.04	0.21
16:06:05	10.95	6.93	0.21
16:06:15	11.01	6.91	0.22
16:06:25	10.95	6.96	0.21
16:06:35	10.87	7.01	0.21
16:06:45	10.75	7.09	0.21
16:06:55	10.73	7.10	0.22
16:07:05	10.69	7.10	0.20
16:07:15	10.76	7.05	0.20
16:07:25	10.87	6.95	0.20
16:07:35	10.99	6.87	0.20
16:07:45	11.03	6.86	0.18
16:07:55	10.94	6.93	0.17
16:08:05	10.81	7.04	0.18
16:08:15	10.70	7.11	0.18
16:08:25	10.63	7.15	0.18
16:08:35	10.58	7.17	0.17
16:08:45	10.65	7.12	0.18
16:08:55	10.76	7.02	0.18
16:09:05	10.84	6.97	0.18
16:09:15	10.83	7.00	0.18
16:09:25	10.74	7.07	0.19
16:09:35	10.61	7.18	0.19
16:09:45	10.45	7.28	0.17
16:09:55	10.37	7.33	0.18
16:10:05	10.39	7.29	0.19
16:10:15	10.47	7.23	0.19
16:10:25	10.62	7.12	0.19
16:10:35	10.71	7.06	0.17
16:10:45	10.68	7.12	0.16
16:10:55	10.59	7.20	0.16
16:11:05	10.48	7.28	0.19
16:11:15	10.36	7.35	0.18
16:11:25	10.30	7.39	0.17
16:11:35	10.31	7.36	0.17
16:11:45	10.42	7.28	0.17
16:11:55	10.55	7.18	0.17
16:12:05	10.67	7.10	0.17
16:12:15	10.62	7.17	0.17
16:12:25	10.52	7.26	0.17
16:12:35	10.40	7.34	0.17
16:12:45	10.34	7.37	0.16
16:12:55	10.31	7.38	0.16
16:13:05	10.36	7.34	0.17
16:13:15	10.45	7.27	0.17
16:13:25	10.59	7.16	0.17
16:13:35	10.68	7.12	0.17
16:13:45	10.63	7.18	0.18
16:13:55	10.55	7.24	0.18
16:14:05	10.42	7.33	0.18



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
16:14:15	10.36	7.37	0.17
16:14:25	10.31	7.39	0.18
16:14:35	10.39	7.32	0.18
16:14:45	10.45	7.27	0.18
<b>25A Drift Check</b>			
16:14:55	10.60	7.16	0.91
16:15:05	2.09	0.39	0.19
16:15:15	0.23	0.20	0.04
16:15:25	0.15	0.15	0.04
16:15:35	0.12	0.13	0.03
16:15:45	0.10	0.11	0.03
16:15:55	0.09	0.10	0.03
16:16:05	0.08	0.09	0.03
16:16:15	0.07	0.08	0.02
<b>N2 Zero</b>	<b>0.08</b>	<b>0.09</b>	<b>0.03</b>
16:16:25	0.07	0.08	0.06
16:16:35	9.30	6.58	3.20
16:16:45	18.88	0.18	13.59
16:16:55	20.14	0.11	14.59
16:17:05	20.25	0.09	14.76
16:17:15	20.32	0.08	14.81
16:17:25	20.34	0.08	14.85
16:17:35	20.38	0.06	14.86
16:17:45	20.39	0.06	14.88
16:17:55	20.41	0.05	14.90
<b>14.8 propane</b>	<b>20.39</b>	<b>0.06</b>	<b>14.88</b>
16:18:05	20.41	0.05	14.83
16:18:15	16.87	4.48	3.61
16:18:25	10.92	6.98	0.42
16:18:35	10.60	7.16	0.36
16:18:45	10.45	7.28	0.32
16:18:55	10.35	7.35	0.29
<b>Resume 2B</b>			
16:19:05	10.41	7.29	0.26
16:19:15	10.46	7.25	0.23
16:19:25	10.61	7.13	0.22
16:19:35	10.66	7.12	0.22
16:19:45	10.58	7.20	0.21
16:19:55	10.50	7.25	0.20
16:20:05	10.39	7.33	0.20
16:20:15	10.36	7.35	0.20
16:20:25	10.38	7.32	0.20
16:20:35	10.49	7.24	0.20
16:20:45	10.63	7.12	0.20
16:20:55	10.79	7.03	0.19
16:21:05	10.81	7.04	0.19
16:21:15	10.73	7.11	0.19
16:21:25	10.62	7.21	0.19
16:21:35	10.48	7.28	0.19
16:21:45	10.47	7.29	0.18
16:21:55	10.48	7.26	0.18
16:22:05	10.58	7.19	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:22:15	10.71	7.09	0.19
16:22:25	10.83	7.01	0.19
16:22:35	10.79	7.07	0.19
16:22:45	10.73	7.12	0.20
16:22:55	10.60	7.22	0.18
16:23:05	10.51	7.27	0.18
16:23:15	10.45	7.31	0.18
16:23:25	10.50	7.27	0.18
16:23:35	10.56	7.21	0.20
16:23:45	10.69	7.12	0.19
16:23:55	10.76	7.10	0.19
16:24:05	10.70	7.16	0.19
16:24:15	10.60	7.23	0.19
16:24:25	10.49	7.32	0.18
16:24:35	10.42	7.36	0.17
16:24:45	10.38	7.37	0.18
16:24:55	10.45	7.31	0.19
16:25:05	10.54	7.23	0.18
16:25:15	10.70	7.11	0.19
16:25:25	10.77	7.09	0.19
16:25:35	10.70	7.15	0.19
16:25:45	10.61	7.22	0.20
16:25:55	10.53	7.26	0.19
16:26:05	10.46	7.31	0.19
16:26:15	10.40	7.34	0.18
16:26:25	10.48	7.27	0.18
16:26:35	10.58	7.18	0.18
16:26:45	10.76	7.04	0.18
16:26:55	10.80	7.02	0.18
16:27:05	10.74	7.08	0.18
16:27:15	10.65	7.17	0.18
16:27:25	10.56	7.22	0.18
16:27:35	10.50	7.27	0.19
16:27:45	10.48	7.26	0.18
16:27:55	10.57	7.20	0.19
16:28:05	10.68	7.11	0.20
16:28:15	10.79	7.05	0.20
16:28:25	10.80	7.07	0.20
16:28:35	10.73	7.14	0.20
16:28:45	10.66	7.20	0.19
16:28:55	10.55	7.27	0.20
16:29:05	10.50	7.32	0.20
16:29:15	10.52	7.28	0.20
16:29:25	10.61	7.21	0.19
16:29:35	10.77	7.09	0.19
16:29:45	10.85	7.04	0.20
16:29:55	10.85	7.07	0.21
16:30:05	10.79	7.11	0.20
16:30:15	10.73	7.15	0.21
16:30:25	10.69	7.18	0.20
16:30:35	10.65	7.21	0.20
16:30:45	10.61	7.24	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:30:55	10.57	7.27	0.20
16:31:05	10.54	7.29	0.22
16:31:15	10.55	7.29	0.22
16:31:25	10.54	7.32	0.22
16:31:35	10.56	7.32	0.22
16:31:45	10.57	7.35	0.22
16:31:55	10.55	7.37	0.20
16:32:05	10.56	7.38	0.21
16:32:15	10.53	7.42	0.22
16:32:25	10.46	7.48	0.23
16:32:35	10.46	7.46	0.24
16:32:45	10.45	7.47	0.23
16:32:55	10.54	7.39	0.24
16:33:05	10.66	7.30	0.23
16:33:15	10.80	7.19	0.24
16:33:25	10.87	7.16	0.23
16:33:35	10.81	7.22	0.24
16:33:45	10.72	7.30	0.24
16:33:55	10.57	7.40	0.25
16:34:05	10.50	7.43	0.24
16:34:15	10.48	7.44	0.24
16:34:25	10.54	7.38	0.23
16:34:35	10.66	7.27	0.23
16:34:45	10.80	7.18	0.23
16:34:55	10.81	7.18	0.23
16:35:05	10.75	7.23	0.23
16:35:15	10.66	7.30	0.24
16:35:25	10.57	7.34	0.24
16:35:35	10.55	7.36	0.23
16:35:45	10.54	7.35	0.22
16:35:55	10.62	7.27	0.21
16:36:05	10.80	7.12	0.21
16:36:15	10.94	7.03	0.22
16:36:25	10.94	7.05	0.23
16:36:35	10.88	7.10	0.22
16:36:45	10.75	7.19	0.24
16:36:55	10.64	7.27	0.24
16:37:05	10.58	7.30	0.24
16:37:15	10.60	7.26	0.24
16:37:25	10.68	7.20	0.24
16:37:35	10.83	7.07	0.24
16:37:45	10.96	6.99	0.24
16:37:55	10.94	7.03	0.23
16:38:05	10.86	7.09	0.21
16:38:15	10.71	7.21	0.20
16:38:25	10.63	7.24	0.20
16:38:35	10.58	7.25	0.20
16:38:45	10.66	7.17	0.20
16:38:55	10.74	7.11	0.20
16:39:05	10.89	6.99	0.20
16:39:15	10.99	6.93	0.20
16:39:25	10.99	6.95	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:39:35	10.90	7.02	0.20
16:39:45	10.74	7.14	0.20
16:39:55	10.64	7.20	0.20
16:40:05	10.56	7.24	0.21
16:40:15	10.61	7.19	0.21
16:40:25	10.72	7.10	0.20
16:40:35	10.87	6.99	0.20
16:40:45	10.93	6.96	0.20
16:40:55	10.84	7.04	0.20
16:41:05	10.75	7.11	0.20
16:41:15	10.60	7.22	0.20
16:41:25	10.52	7.27	0.20
16:41:35	10.48	7.28	0.20
16:41:45	10.55	7.22	0.20
16:41:55	10.64	7.15	0.20
16:42:05	10.75	7.08	0.20
16:42:15	10.79	7.07	0.20
16:42:25	10.71	7.14	0.20
16:42:35	10.61	7.21	0.22
16:42:45	10.50	7.29	0.21
16:42:55	10.44	7.33	0.20
16:43:05	10.45	7.30	0.20
16:43:15	10.55	7.23	0.20
16:43:25	10.69	7.10	0.20
16:43:35	10.84	7.01	0.20
16:43:45	10.88	7.01	0.20
16:43:55	10.81	7.07	0.20
16:44:05	10.72	7.14	0.20
16:44:15	10.62	7.20	0.19
16:44:25	10.61	7.19	0.18
16:44:35	10.63	7.16	0.18
16:44:45	10.71	7.09	0.19
16:44:55	10.83	6.99	0.19
16:45:05	10.95	6.92	0.19
16:45:15	10.95	6.94	0.19
16:45:25	10.87	7.00	0.19
16:45:35	10.72	7.11	0.19
16:45:45	10.61	7.18	0.17
16:45:55	10.57	7.20	0.18
16:46:05	10.57	7.18	0.18
16:46:15	10.64	7.12	0.18
16:46:25	10.76	7.03	0.19
16:46:35	10.85	6.98	0.19
16:46:45	10.80	7.04	0.19
16:46:55	10.69	7.13	0.19
16:47:05	10.58	7.22	0.20
16:47:15	10.51	7.25	0.20
16:47:25	10.47	7.28	0.19
16:47:35	10.53	7.22	0.20
16:47:45	10.61	7.16	0.19
16:47:55	10.76	7.05	0.18
16:48:05	10.86	6.99	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:48:15	10.83	7.03	0.19
16:48:25	10.77	7.09	0.20
16:48:35	10.65	7.18	0.20
16:48:45	10.56	7.23	0.20
16:48:55	10.52	7.25	0.20
16:49:05	10.58	7.19	0.19
16:49:15	10.66	7.11	0.20
16:49:25	10.83	6.99	0.20
16:49:35	10.88	6.99	0.20
16:49:45	10.79	7.07	0.19
16:49:55	10.67	7.16	0.18
16:50:05	10.55	7.25	0.20
16:50:15	10.50	7.28	0.20
16:50:25	10.47	7.28	0.19
16:50:35	10.55	7.22	0.19
16:50:45	10.66	7.12	0.18
16:50:55	10.83	7.00	0.18
16:51:05	10.92	6.98	0.18
16:51:15	10.86	7.04	0.20
16:51:25	10.77	7.10	0.20
16:51:35	10.65	7.21	0.19
16:51:45	10.58	7.23	0.17
16:51:55	10.55	7.25	0.17
16:52:05	10.61	7.19	0.17
16:52:15	10.73	7.10	0.18
16:52:25	10.86	6.99	0.18
16:52:35	10.91	6.98	0.17
16:52:45	10.87	7.03	0.18
16:52:55	10.77	7.09	0.19
16:53:05	10.68	7.16	0.19
16:53:15	10.60	7.20	0.18
16:53:25	10.56	7.22	0.19
16:53:35	10.63	7.15	0.19
16:53:45	10.69	7.09	0.17
16:53:55	10.83	7.00	0.18
16:54:05	10.90	6.97	0.19
16:54:15	10.83	7.04	0.17
16:54:25	10.75	7.10	0.19
16:54:35	10.62	7.20	0.19
16:54:45	10.54	7.24	0.19
16:54:55	10.49	7.29	0.18
16:55:05	10.57	7.21	0.19
16:55:15	10.64	7.15	0.17
16:55:25	10.79	7.05	0.19
16:55:35	10.84	7.04	0.20
16:55:45	10.79	7.11	0.20
16:55:55	10.69	7.17	0.19
16:56:05	10.60	7.23	0.18
16:56:15	10.55	7.25	0.19
16:56:25	10.50	7.27	0.17
16:56:35	10.60	7.18	0.19
16:56:45	10.69	7.11	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:56:55	10.85	6.98	0.18
16:57:05	10.95	6.93	0.19
16:57:15	10.95	6.95	0.18
16:57:25	10.88	7.01	0.18
16:57:35	10.78	7.09	0.19
16:57:45	10.70	7.13	0.18
16:57:55	10.66	7.16	0.18
16:58:05	10.69	7.11	0.17
16:58:15	10.77	7.05	0.17
16:58:25	10.90	6.95	0.17
16:58:35	10.96	6.93	0.18
16:58:45	10.90	6.99	0.18
16:58:55	10.81	7.06	0.17
16:59:05	10.70	7.15	0.17
16:59:15	10.62	7.19	0.17
16:59:25	10.58	7.22	0.17
16:59:35	10.64	7.16	0.17
16:59:45	10.69	7.13	0.17
16:59:55	10.80	7.04	0.17
17:00:05	10.84	7.03	0.18
17:00:15	10.82	7.06	0.18
17:00:25	10.73	7.13	0.18
17:00:35	10.67	7.17	0.18
17:00:45	10.63	7.18	0.18
17:00:55	10.59	7.21	0.19
17:01:05	10.58	7.22	0.18
17:01:15	10.54	7.24	0.18
17:01:25	10.53	7.25	0.18
17:01:35	10.53	7.23	0.18
17:01:45	10.54	7.22	0.19
17:01:55	10.55	7.22	0.19
17:02:05	10.53	7.22	0.18
17:02:15	10.50	7.25	0.18
17:02:25	10.49	7.23	0.17
17:02:35	10.48	7.25	0.17
17:02:45	10.56	7.17	0.15
17:02:55	10.66	7.09	0.16
17:03:05	10.84	6.97	0.17
17:03:15	10.90	6.95	0.17
17:03:25	10.86	7.01	0.17
17:03:35	10.79	7.06	0.16
17:03:45	10.66	7.16	0.16
17:03:55	10.59	7.19	0.16
17:04:05	10.55	7.22	0.16
17:04:15	10.58	7.18	0.17
17:04:25	10.67	7.11	0.17
17:04:35	10.82	7.00	0.17
17:04:45	10.87	7.00	0.17
17:04:55	10.80	7.07	0.18
17:05:05	10.73	7.14	0.18
17:05:15	10.59	7.24	0.17
17:05:25	10.52	7.29	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:05:35	10.48	7.30	0.17
17:05:45	10.54	7.25	0.17
17:05:55	10.64	7.15	0.17
17:06:05	10.76	7.07	0.17
17:06:15	10.83	7.03	0.16
17:06:25	10.75	7.12	0.17
17:06:35	10.64	7.20	0.17
17:06:45	10.52	7.28	0.16
17:06:55	10.46	7.31	0.17
17:07:05	10.44	7.31	0.17
17:07:15	10.53	7.24	0.16
17:07:25	10.65	7.15	0.17
17:07:35	10.76	7.09	0.17
17:07:45	10.75	7.13	0.18
17:07:55	10.68	7.18	0.17
17:08:05	10.57	7.28	0.17
17:08:15	10.47	7.33	0.17
17:08:25	10.42	7.38	0.17
17:08:35	10.43	7.34	0.17
17:08:45	10.51	7.29	0.16
17:08:55	10.66	7.17	0.17
17:09:05	10.75	7.12	0.17
17:09:15	10.75	7.15	0.16
17:09:25	10.68	7.21	0.16
17:09:35	10.61	7.27	0.16
17:09:45	10.48	7.37	0.16
17:09:55	10.38	7.42	0.15
17:10:05	10.32	7.45	0.14
17:10:15	10.36	7.39	0.14
17:10:25	10.45	7.31	0.16
17:10:35	10.63	7.17	0.17
17:10:45	10.71	7.13	0.16
17:10:55	10.69	7.15	0.16
17:11:05	10.65	7.18	0.16
17:11:15	10.53	7.27	0.17
17:11:25	10.47	7.29	0.16
17:11:35	10.43	7.31	0.14
17:11:45	10.47	7.26	0.15
17:11:55	10.55	7.18	0.16
17:12:05	10.69	7.09	0.16
17:12:15	10.73	7.08	0.16
17:12:25	10.65	7.15	0.16
17:12:35	10.56	7.23	0.17
17:12:45	10.42	7.32	0.17
17:12:55	10.34	7.38	0.17
17:13:05	10.29	7.40	0.17
17:13:15	10.35	7.36	0.17
17:13:25	10.45	7.27	0.18
17:13:35	10.58	7.18	0.17
17:13:45	10.62	7.18	0.17
17:13:55	10.55	7.25	0.19
17:14:05	10.46	7.34	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:14:15	10.33	7.42	0.17
17:14:25	10.25	7.48	0.16
17:14:35	10.24	7.48	0.16
17:14:45	10.31	7.44	0.16
17:14:55	10.44	7.33	0.18
17:15:05	10.56	7.25	0.18
17:15:15	10.58	7.27	0.17
17:15:25	10.52	7.31	0.16
17:15:35	10.40	7.41	0.16
17:15:45	10.26	7.49	0.16
17:15:55	10.19	7.54	0.16
17:16:05	10.24	7.49	0.17
17:16:15	10.30	7.44	0.17
17:16:25	10.44	7.34	0.16
17:16:35	10.54	7.28	0.16
17:16:45	10.52	7.31	0.16
17:16:55	10.45	7.38	0.16
17:17:05	10.34	7.46	0.16
17:17:15	10.30	7.49	0.16
17:17:25	10.29	7.49	0.15
17:17:35	10.36	7.43	0.17
17:17:45	10.49	7.33	0.16
17:17:55	10.66	7.22	0.16
17:18:05	10.75	7.17	0.16
17:18:15	10.73	7.20	0.16
17:18:25	10.68	7.23	0.16
17:18:35	10.60	7.31	0.16
17:18:45	10.54	7.34	0.16
17:18:55	10.51	7.35	0.16
17:19:05	10.57	7.30	0.15
17:19:15	10.66	7.22	0.15
17:19:25	10.83	7.09	0.15
17:19:35	10.90	7.06	0.16
17:19:45	10.82	7.13	0.15
17:19:55	10.70	7.22	0.15
<b>End Run 2B</b>	<b>11.05</b>	<b>6.82</b>	<b>0.18</b>
17:20:05	10.58	7.31	0.15
17:20:15	10.53	7.34	0.15
17:20:25	10.47	7.37	0.15
17:20:35	10.54	7.30	0.15
17:20:45	10.64	7.22	0.15
17:20:55	10.78	7.13	0.15
17:21:05	10.83	7.11	0.15
17:21:15	10.76	7.19	0.15
17:21:25	10.68	7.24	0.16
17:21:35	10.58	7.31	0.16
17:21:45	10.54	7.34	0.16
17:21:55	10.49	7.36	0.16
17:22:05	10.57	7.30	0.16
17:22:15	10.70	7.19	0.15
17:22:25	10.86	7.07	0.16
17:22:35	10.91	7.06	0.16



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
17:22:45	10.87	7.10	0.15
17:22:55	10.84	7.13	0.17
17:23:05	10.78	7.17	0.17
17:23:15	10.74	7.21	0.16
17:23:25	10.70	7.22	0.18
17:23:35	10.74	7.15	0.17
17:23:45	10.86	7.10	0.17
17:23:55	10.91	7.03	0.19
17:24:05	11.11	6.87	0.19
17:24:15	11.52	6.50	0.20
17:24:25	12.28	5.84	0.20
17:24:35	13.11	5.20	0.20
17:24:45	13.85	4.68	0.20
17:24:55	14.38	4.31	0.30
17:25:05	6.41	0.37	0.18
17:25:15	0.34	0.18	0.02
17:25:25	0.21	0.14	0.02
17:25:35	0.18	0.12	0.01
17:25:45	0.14	0.10	-0.01
17:25:55	0.11	0.09	-0.02
17:26:05	0.10	0.09	-0.02
17:26:15	0.09	0.08	-0.02
17:26:25	0.08	0.08	-0.01
17:26:35	0.07	0.07	-0.01
<b>N2 Zero</b>	<b>0.08</b>	<b>0.08</b>	<b>-0.02</b>
17:26:45	8.20	2.74	0.28
17:26:55	9.35	9.13	0.03
17:27:05	9.89	9.68	-0.01
17:27:15	9.93	9.77	-0.02
17:27:25	9.94	9.82	-0.02
17:27:35	9.96	9.85	-0.02
17:27:45	9.96	9.87	-0.02
17:27:55	9.97	9.88	-0.03
17:28:05	9.98	9.89	-0.03
17:28:15	9.98	9.89	-0.03
<b>10.1/10.0 O2/CO2</b>	<b>9.97</b>	<b>9.89</b>	<b>-0.03</b>
17:28:25	10.49	8.64	0.31
17:28:35	13.53	5.75	8.85
17:28:45	20.12	0.39	14.87
17:28:55	20.30	0.25	15.12
17:29:05	20.36	0.18	15.18
17:29:15	20.39	0.15	15.21
17:29:25	20.41	0.12	15.24
17:29:35	20.43	0.10	15.25
17:29:45	20.44	0.09	15.25
17:29:55	20.45	0.08	15.25
<b>14.8 propane</b>	<b>20.44</b>	<b>0.09</b>	<b>15.25</b>
17:30:05	20.46	0.07	15.25
17:30:15	20.46	0.07	15.25

### Veolia Sauguet Unit 3

Uncorrected Concentrations									
16-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 3A	950-1057	11.58	5.98						0.00
Run 3B	1230-1555	10.52	7.28				0.11	44.38	0.19

Corrected O <sub>2</sub> Conc.					
16-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	950-1057	11.58	0.05	1.02	11.74
Run 3B	1230-1555	10.52	0.06	1.02	10.72

Corrected CO <sub>2</sub> Conc.					
16-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	950-1057	5.98	0.06	1.02	6.02
Run 3B	1230-1555	7.28	0.06	1.02	7.36

**Veolia Sauget Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/17/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 22.50  
**Analyzer Range:** 0-25  
**Units:** %  
**Technician(s):** dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	7:46	0.01	0.01	0.0%
span gas	cc189665	22.50	7:47	22.51	0.01	0.0%
mid-range	cc43355	10.10	7:48	10.10	0.00	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3A	0.00	0.01	7:51	0.04	0.1%	11:10	0.06	0.2%	0.1%	C <sub>0</sub> = 0.051 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.018
	10.10	10.10	7:50	10.00	-0.4%	11:12	9.93	-0.7%	-0.3%	
Run 3B	0.00	0.01	11:10	0.06	0.2%	16:03	0.07	0.3%	0.0%	C <sub>0</sub> = 0.063 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.025
	10.10	10.10	11:12	9.93	-0.7%	16:05	9.90	-0.9%	-0.1%	

**Veolia Sauget Unit 3  
CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/17/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 0-20  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	7:46	0.04	0.04	0.2%
span gas	cc189665	19.20	7:47	19.21	0.01	0.0%
mid-range	cc43355	10.00	7:48	10.10	0.10	0.5%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3B	0.00	0.04	7:51	0.06	0.1%	11:10	0.05	0.0%	-0.1%	$C_O = 0.055$
	10.00	10.10	7:50	9.89	-1.1%	11:12	9.88	-1.1%	0.0%	$C_{MM}/(C_M - C_O) = 1.017$
Run 3B	0.00	0.04	11:10	0.05	0.0%	16:03	0.07	0.1%	0.1%	$C_O = 0.056$
	10.00	10.10	11:12	9.88	-1.1%	16:05	9.85	-1.3%	-0.2%	$C_{MM}/(C_M - C_O) = 1.019$

**Veolia Sauget Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/16/2013  
**Instrument Make/Model:** Thermo 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 0-30  
**Units:** ppm  
**Technician(s):** dc

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	12:16	-0.07	0.07	n/a
<b>Span</b>	alm025456	24.70	12:18	24.93	0.23	0.9%
<b>Mid</b>	alm028646	14.80	12:19	15.09	0.29	2.0%
<b>Low</b>	alm057529	8.43	12:21	8.54	0.11	1.3%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 3B	-0.07	13:37	-0.02	0.2
	15.09	13:39	14.80	-1.0
Run 3B	-0.07	14:40	-0.05	0.1
	15.09	14:42	14.58	-1.7
Run 3B	-0.07	16:03	-0.04	0.1
	15.09	16:07	14.96	-0.4

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 7:39:51	20.56	0.19	1.58
10/17/2013 7:40:01	20.56	0.19	1.54
10/17/2013 7:40:11	20.57	0.23	1.72
10/17/2013 7:40:21	20.44	0.24	1.69
10/17/2013 7:40:31	20.66	0.09	1.03
10/17/2013 7:40:41	20.68	0.08	0.96
10/17/2013 7:40:51	20.68	0.08	0.94
10/17/2013 7:41:01	20.68	0.08	0.92
10/17/2013 7:41:11	20.70	0.08	0.92
10/17/2013 7:41:21	20.74	0.08	0.93
10/17/2013 7:41:31	20.75	0.08	0.94
10/17/2013 7:41:41	20.76	0.08	0.91
10/17/2013 7:41:51	20.76	0.08	0.90
10/17/2013 7:42:01	20.76	0.08	0.90
10/17/2013 7:42:11	20.76	0.08	0.90
10/17/2013 7:42:21	20.87	0.08	0.90
10/17/2013 7:42:31	20.91	0.08	0.90
10/17/2013 7:42:41	3.39	0.02	0.91
10/17/2013 7:42:51	0.12	0.02	0.93
10/17/2013 7:43:01	0.08	0.02	0.95
10/17/2013 7:43:11	0.06	0.02	0.93
10/17/2013 7:43:21	0.03	0.02	0.93
10/17/2013 7:43:31	0.02	0.02	0.93
10/17/2013 7:43:41	0.02	0.02	0.91
10/17/2013 7:43:51	0.15	0.02	0.92
10/17/2013 7:44:01	22.13	19.07	0.93
10/17/2013 7:44:11	22.52	19.14	0.93
10/17/2013 7:44:21	22.49	19.16	0.95
10/17/2013 7:44:31	22.51	19.18	0.93
10/17/2013 7:44:41	22.51	19.20	0.94
10/17/2013 7:44:51	22.42	19.02	0.96
10/17/2013 7:45:01	14.88	2.05	0.96
10/17/2013 7:45:11	0.15	0.11	0.94
10/17/2013 7:45:21	0.03	0.08	0.93
10/17/2013 7:45:31	0.02	0.06	0.91
10/17/2013 7:45:41	0.01	0.05	0.92
10/17/2013 7:45:51	0.01	0.04	1.02
10/17/2013 7:46:01	0.01	0.04	0.98
<b>N2 Zero</b>	<b>0.01</b>	<b>0.04</b>	<b>0.97</b> cal error
10/17/2013 7:46:11	6.95	7.16	0.97
10/17/2013 7:46:21	22.34	19.15	0.92
10/17/2013 7:46:31	22.49	19.18	0.91
10/17/2013 7:46:41	22.50	19.20	0.90
10/17/2013 7:46:51	22.51	19.21	0.90
10/17/2013 7:47:01	22.51	19.22	0.89
<b>22.5/19.2 O2/CO2</b>	<b>22.51</b>	<b>19.21</b>	<b>0.90</b>
10/17/2013 7:47:11	22.42	19.04	0.89
10/17/2013 7:47:21	17.77	10.32	0.90
10/17/2013 7:47:31	10.18	10.11	0.89
10/17/2013 7:47:41	10.11	10.11	0.89
10/17/2013 7:47:51	10.10	10.10	0.88

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
10/17/2013 7:48:01	10.10	10.10	0.86
10/17/2013 7:48:11	10.10	10.10	0.87
10/17/2013 7:48:21	10.10	10.10	0.90
<b>10.1/10.0 O2/CO2</b>	<b>10.10</b>	<b>10.10</b>	<b>0.88</b>
10/17/2013 7:48:31	10.08	10.08	0.92
10/17/2013 7:48:41	11.27	7.31	2.13
10/17/2013 7:48:51	13.82	8.13	0.98
10/17/2013 7:49:01	10.21	9.72	-0.07
10/17/2013 7:49:11	10.09	9.79	-0.10
10/17/2013 7:49:21	10.05	9.84	-0.10
10/17/2013 7:49:31	10.03	9.87	-0.11
10/17/2013 7:49:41	10.01	9.88	-0.12
10/17/2013 7:49:51	10.00	9.89	-0.13
10/17/2013 7:50:01	10.00	9.89	-0.13
<b>10.1/10.0 O2/CO2</b>	<b>10.00</b>	<b>9.89</b>	<b>-0.12</b> cal bias
10/17/2013 7:50:11	9.99	9.90	-0.12
10/17/2013 7:50:21	11.21	8.00	0.41
10/17/2013 7:50:31	9.21	2.16	-0.09
10/17/2013 7:50:41	0.39	0.26	-0.13
10/17/2013 7:50:51	0.17	0.17	-0.14
10/17/2013 7:51:01	0.11	0.12	-0.14
10/17/2013 7:51:11	0.08	0.10	-0.14
10/17/2013 7:51:21	0.06	0.08	-0.14
10/17/2013 7:51:31	0.05	0.07	-0.14
10/17/2013 7:51:41	0.04	0.06	-0.14
10/17/2013 7:51:51	0.04	0.07	-0.14
<b>N2 Zero</b>	<b>0.04</b>	<b>0.06</b>	<b>-0.14</b>
10/17/2013 7:52:01	1.17	0.07	0.51
10/17/2013 7:52:11	19.36	0.11	0.89
10/17/2013 7:52:21	20.36	0.11	0.94
10/17/2013 7:52:31	20.49	0.11	0.97
10/17/2013 7:52:41	20.55	0.11	0.94
10/17/2013 7:52:51	20.59	0.11	0.95
10/17/2013 7:53:01	20.61	0.10	0.95
10/17/2013 7:53:11	20.63	0.10	0.94
10/17/2013 7:53:21	20.63	0.10	0.95
10/17/2013 7:53:31	20.63	0.10	0.93
10/17/2013 7:53:41	20.65	0.10	0.90
10/17/2013 7:53:51	20.65	0.10	0.89
10/17/2013 7:54:01	20.66	0.10	0.88
10/17/2013 7:54:11	20.66	0.10	0.88
10/17/2013 7:54:21	20.66	0.10	0.88
10/17/2013 7:54:31	20.67	0.09	0.89
10/17/2013 7:54:41	20.67	0.09	0.91
10/17/2013 7:54:51	20.67	0.09	0.93
10/17/2013 7:55:01	20.67	0.09	0.92
10/17/2013 7:55:11	20.67	0.09	0.92
10/17/2013 7:55:21	20.67	0.09	0.91
10/17/2013 7:55:31	20.68	0.09	0.91
10/17/2013 7:55:41	20.68	0.09	0.91
10/17/2013 7:55:51	20.68	0.09	0.93
10/17/2013 7:56:01	20.68	0.09	0.92

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 7:56:11	20.68	0.09	0.91
10/17/2013 7:56:21	20.68	0.09	0.92
10/17/2013 7:56:31	20.68	0.09	0.93
10/17/2013 7:56:41	20.68	0.09	0.94
10/17/2013 7:56:51	20.68	0.09	0.95
10/17/2013 7:57:01	20.68	0.09	1.00
10/17/2013 7:57:11	20.68	0.09	1.01
10/17/2013 7:57:21	20.68	0.09	1.01
10/17/2013 7:57:31	20.68	0.09	0.97
10/17/2013 7:57:41	20.68	0.09	0.97
10/17/2013 7:57:51	20.68	0.09	0.95
10/17/2013 7:58:01	20.68	0.09	0.95
10/17/2013 7:58:11	20.68	0.09	0.95
10/17/2013 7:58:21	20.68	0.08	0.96
10/17/2013 7:58:31	20.69	0.08	0.97
10/17/2013 7:58:41	20.69	0.08	0.97
10/17/2013 7:58:51	20.69	0.08	0.96
10/17/2013 7:59:01	20.69	0.08	0.97
10/17/2013 7:59:11	20.69	0.08	0.95
10/17/2013 7:59:21	20.69	0.08	0.95
10/17/2013 7:59:31	20.69	0.08	0.95
10/17/2013 7:59:41	20.69	0.08	0.99
10/17/2013 7:59:51	20.69	0.08	1.00
10/17/2013 8:00:01	20.69	0.08	0.99
10/17/2013 8:00:11	20.69	0.08	0.99
10/17/2013 8:00:21	20.69	0.08	1.00
10/17/2013 8:00:31	20.69	0.08	1.01
10/17/2013 8:00:41	20.69	0.08	0.97
10/17/2013 8:00:51	20.69	0.08	0.94
10/17/2013 8:01:01	20.69	0.08	0.98
10/17/2013 8:01:11	20.69	0.08	0.99
10/17/2013 8:01:21	20.69	0.08	1.02
10/17/2013 8:01:31	20.69	0.08	1.01
10/17/2013 8:01:41	20.69	0.08	0.99
10/17/2013 8:01:51	20.69	0.08	1.01
10/17/2013 8:02:01	20.69	0.08	0.98
10/17/2013 8:02:11	20.69	0.08	0.93
10/17/2013 8:02:21	20.69	0.08	0.93
10/17/2013 8:02:31	20.69	0.08	0.94
10/17/2013 8:02:41	20.69	0.08	0.93
10/17/2013 8:02:51	20.69	0.08	0.95
10/17/2013 8:03:01	20.69	0.08	0.96
10/17/2013 8:03:11	20.69	0.08	1.06
10/17/2013 8:03:21	20.69	0.08	0.96
10/17/2013 8:03:31	20.69	0.08	0.95
10/17/2013 8:03:41	20.69	0.08	0.93
10/17/2013 8:03:51	20.69	0.08	0.92
10/17/2013 8:04:01	20.69	0.08	0.91
10/17/2013 8:04:11	20.69	0.08	0.93
10/17/2013 8:04:21	20.69	0.08	0.95
10/17/2013 8:04:31	20.69	0.08	0.93
10/17/2013 8:04:41	20.69	0.07	0.93



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:04:51	20.69	0.06	0.92
10/17/2013 8:05:01	20.69	0.07	0.90
10/17/2013 8:05:11	20.69	0.07	0.89
10/17/2013 8:05:21	20.69	0.07	0.91
10/17/2013 8:05:31	20.69	0.07	0.94
10/17/2013 8:05:41	20.69	0.07	0.94
10/17/2013 8:05:51	20.69	0.07	0.97
10/17/2013 8:06:01	20.69	0.07	0.96
10/17/2013 8:06:11	20.69	0.07	0.97
10/17/2013 8:06:21	20.69	0.07	0.97
10/17/2013 8:06:31	20.70	0.07	0.98
10/17/2013 8:06:41	20.70	0.07	0.97
10/17/2013 8:06:51	20.70	0.07	0.95
10/17/2013 8:07:01	20.70	0.06	0.96
10/17/2013 8:07:11	20.69	0.06	0.96
10/17/2013 8:07:21	20.70	0.06	0.92
10/17/2013 8:07:31	20.69	0.06	0.89
10/17/2013 8:07:41	20.69	0.06	0.85
10/17/2013 8:07:51	20.70	0.06	0.83
10/17/2013 8:08:01	20.70	0.06	0.82
10/17/2013 8:08:11	20.70	0.06	0.82
10/17/2013 8:08:21	20.70	0.06	0.82
10/17/2013 8:08:31	20.70	0.06	0.84
10/17/2013 8:08:41	20.70	0.06	0.84
10/17/2013 8:08:51	20.70	0.06	0.81
10/17/2013 8:09:01	20.70	0.06	0.82
10/17/2013 8:09:11	20.69	0.06	0.83
10/17/2013 8:09:21	20.69	0.06	0.80
10/17/2013 8:09:31	20.69	0.06	0.80
10/17/2013 8:09:41	20.70	0.06	0.80
10/17/2013 8:09:51	20.70	0.06	0.80
10/17/2013 8:10:01	20.69	0.06	0.80
10/17/2013 8:10:11	20.69	0.06	0.82
10/17/2013 8:10:21	20.69	0.06	0.82
10/17/2013 8:10:31	20.69	0.06	0.81
10/17/2013 8:10:41	20.69	0.06	0.84
10/17/2013 8:10:51	20.70	0.06	0.87
10/17/2013 8:11:01	20.70	0.06	0.88
10/17/2013 8:11:11	20.69	0.07	0.87
10/17/2013 8:11:21	20.69	0.08	0.87
10/17/2013 8:11:31	20.69	0.08	0.88
10/17/2013 8:11:41	20.69	0.08	0.90
10/17/2013 8:11:51	20.69	0.09	0.91
10/17/2013 8:12:01	20.69	0.09	0.91
10/17/2013 8:12:11	20.69	0.09	0.93
10/17/2013 8:12:21	20.69	0.09	0.96
10/17/2013 8:12:31	20.69	0.09	0.97
10/17/2013 8:12:41	20.69	0.09	0.99
10/17/2013 8:12:51	20.69	0.09	0.95
10/17/2013 8:13:01	20.69	0.09	0.94
10/17/2013 8:13:11	20.69	0.09	0.94
10/17/2013 8:13:21	20.69	0.09	0.93

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:13:31	20.69	0.08	0.93
10/17/2013 8:13:41	20.69	0.08	0.93
10/17/2013 8:13:51	20.69	0.09	0.93
10/17/2013 8:14:01	20.70	0.09	0.92
10/17/2013 8:14:11	20.69	0.08	0.88
10/17/2013 8:14:21	20.69	0.09	0.88
10/17/2013 8:14:31	20.70	0.09	0.87
10/17/2013 8:14:41	20.70	0.09	0.85
10/17/2013 8:14:51	20.69	0.09	0.87
10/17/2013 8:15:01	20.70	0.09	0.82
10/17/2013 8:15:11	20.70	0.09	0.82
10/17/2013 8:15:21	20.69	0.09	0.84
10/17/2013 8:15:31	20.70	0.08	0.87
10/17/2013 8:15:41	20.70	0.07	0.97
10/17/2013 8:15:51	20.70	0.07	1.09
10/17/2013 8:16:01	20.70	0.07	1.05
10/17/2013 8:16:11	20.70	0.07	1.05
10/17/2013 8:16:21	20.69	0.07	1.08
10/17/2013 8:16:31	20.70	0.07	1.05
10/17/2013 8:16:41	20.70	0.07	0.99
10/17/2013 8:16:51	20.70	0.07	0.99
10/17/2013 8:17:01	20.70	0.07	0.97
10/17/2013 8:17:11	20.70	0.07	0.99
10/17/2013 8:17:21	20.70	0.07	0.99
10/17/2013 8:17:31	20.70	0.07	0.97
10/17/2013 8:17:41	20.70	0.07	0.94
10/17/2013 8:17:51	20.69	0.06	0.92
10/17/2013 8:18:01	20.69	0.07	0.91
10/17/2013 8:18:11	20.69	0.07	0.89
10/17/2013 8:18:21	20.69	0.07	0.90
10/17/2013 8:18:31	20.70	0.07	0.92
10/17/2013 8:18:41	20.70	0.07	1.00
10/17/2013 8:18:51	20.70	0.07	1.04
10/17/2013 8:19:01	20.69	0.06	0.99
10/17/2013 8:19:11	20.70	0.06	0.96
10/17/2013 8:19:21	20.70	0.06	0.92
10/17/2013 8:19:31	20.70	0.06	0.87
10/17/2013 8:19:41	20.70	0.06	0.85
10/17/2013 8:19:51	20.70	0.06	0.84
10/17/2013 8:20:01	20.70	0.07	0.83
10/17/2013 8:20:11	20.70	0.06	0.83
10/17/2013 8:20:21	20.70	0.06	0.81
10/17/2013 8:20:31	20.70	0.07	0.81
10/17/2013 8:20:41	20.70	0.07	0.82
10/17/2013 8:20:51	20.69	0.07	0.82
10/17/2013 8:21:01	20.70	0.07	0.81
10/17/2013 8:21:11	20.69	0.07	0.83
10/17/2013 8:21:21	20.70	0.07	0.84
10/17/2013 8:21:31	20.69	0.07	0.83
10/17/2013 8:21:41	20.69	0.07	0.85
10/17/2013 8:21:51	20.69	0.07	0.83
10/17/2013 8:22:01	20.69	0.07	0.85

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:22:11	20.70	0.07	0.88
10/17/2013 8:22:21	20.69	0.06	0.88
10/17/2013 8:22:31	20.70	0.06	0.87
10/17/2013 8:22:41	20.69	0.07	0.87
10/17/2013 8:22:51	20.70	0.07	0.86
10/17/2013 8:23:01	20.70	0.07	0.90
10/17/2013 8:23:11	20.70	0.07	0.95
10/17/2013 8:23:21	20.69	0.07	0.99
10/17/2013 8:23:31	20.70	0.07	1.01
10/17/2013 8:23:41	20.70	0.07	1.03
10/17/2013 8:23:51	20.69	0.07	1.09
10/17/2013 8:24:01	20.70	0.07	1.14
10/17/2013 8:24:11	20.69	0.07	1.02
10/17/2013 8:24:21	20.70	0.06	1.02
10/17/2013 8:24:31	20.70	0.07	1.05
10/17/2013 8:24:41	20.70	0.07	1.14
10/17/2013 8:24:51	20.70	0.06	1.19
10/17/2013 8:25:01	20.70	0.06	1.10
10/17/2013 8:25:11	20.70	0.06	1.06
10/17/2013 8:25:21	20.70	0.06	1.03
10/17/2013 8:25:31	20.70	0.06	0.97
10/17/2013 8:25:41	20.70	0.06	1.01
10/17/2013 8:25:51	20.70	0.06	1.02
10/17/2013 8:26:01	20.70	0.06	1.02
10/17/2013 8:26:11	20.70	0.06	1.03
10/17/2013 8:26:21	20.70	0.06	1.04
10/17/2013 8:26:31	20.70	0.06	1.01
10/17/2013 8:26:41	20.70	0.07	1.04
10/17/2013 8:26:51	20.70	0.07	1.11
10/17/2013 8:27:01	20.70	0.07	1.11
10/17/2013 8:27:11	20.70	0.07	1.09
10/17/2013 8:27:21	20.70	0.07	1.03
10/17/2013 8:27:31	20.70	0.07	1.02
10/17/2013 8:27:41	20.70	0.07	1.01
10/17/2013 8:27:51	20.70	0.07	1.00
10/17/2013 8:28:01	20.70	0.06	0.99
10/17/2013 8:28:11	20.70	0.06	1.00
10/17/2013 8:28:21	20.70	0.06	1.05
10/17/2013 8:28:31	20.70	0.06	1.02
10/17/2013 8:28:41	20.70	0.06	0.95
10/17/2013 8:28:51	20.70	0.07	0.88
10/17/2013 8:29:01	20.70	0.07	0.92
10/17/2013 8:29:11	20.70	0.07	0.93
10/17/2013 8:29:21	20.70	0.07	0.91
10/17/2013 8:29:31	20.70	0.07	0.88
10/17/2013 8:29:41	20.70	0.07	0.85
10/17/2013 8:29:51	20.70	0.07	0.84
10/17/2013 8:30:01	20.70	0.07	0.84
10/17/2013 8:30:11	20.70	0.07	0.84
10/17/2013 8:30:21	20.70	0.07	0.84
10/17/2013 8:30:31	20.70	0.07	0.84
10/17/2013 8:30:41	20.70	0.07	0.83

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:30:51	20.70	0.07	0.83
10/17/2013 8:31:01	20.70	0.07	0.82
10/17/2013 8:31:11	20.70	0.07	0.83
10/17/2013 8:31:21	20.70	0.07	0.83
10/17/2013 8:31:31	20.70	0.07	0.81
10/17/2013 8:31:41	20.70	0.07	0.81
10/17/2013 8:31:51	20.70	0.07	0.80
10/17/2013 8:32:01	20.70	0.07	0.80
10/17/2013 8:32:11	20.69	0.07	0.81
10/17/2013 8:32:21	20.70	0.07	0.81
10/17/2013 8:32:31	20.69	0.07	0.81
10/17/2013 8:32:41	20.70	0.07	0.81
10/17/2013 8:32:51	20.69	0.07	0.82
10/17/2013 8:33:01	20.70	0.07	0.84
10/17/2013 8:33:11	20.70	0.07	0.87
10/17/2013 8:33:21	20.70	0.07	0.85
10/17/2013 8:33:31	20.69	0.07	0.84
10/17/2013 8:33:41	20.69	0.07	0.85
10/17/2013 8:33:51	20.70	0.07	0.88
10/17/2013 8:34:01	20.70	0.07	0.86
10/17/2013 8:34:11	20.70	0.07	0.84
10/17/2013 8:34:21	20.70	0.07	0.84
10/17/2013 8:34:31	20.70	0.07	0.83
10/17/2013 8:34:41	20.70	0.07	0.83
10/17/2013 8:34:51	20.69	0.07	0.82
10/17/2013 8:35:01	20.70	0.07	0.82
10/17/2013 8:35:11	20.70	0.08	0.82
10/17/2013 8:35:21	20.70	0.07	0.81
10/17/2013 8:35:31	20.69	0.08	0.81
10/17/2013 8:35:41	20.69	0.08	0.80
10/17/2013 8:35:51	20.69	0.08	0.79
10/17/2013 8:36:01	20.69	0.08	0.80
10/17/2013 8:36:11	20.69	0.08	0.56
10/17/2013 8:36:21	15.44	3.22	0.18
10/17/2013 8:36:31	14.78	3.33	0.32
10/17/2013 8:36:41	14.75	3.32	0.59
10/17/2013 8:36:51	15.83	2.69	0.74
10/17/2013 8:37:01	15.69	2.86	0.78
10/17/2013 8:37:11	15.26	3.09	0.74
10/17/2013 8:37:21	14.91	3.28	0.67
10/17/2013 8:37:31	14.77	3.34	0.66
10/17/2013 8:37:41	14.77	3.33	0.61
10/17/2013 8:37:51	14.81	3.30	0.57
10/17/2013 8:38:01	14.84	3.29	0.52
10/17/2013 8:38:11	14.91	3.24	0.48
10/17/2013 8:38:21	15.11	3.11	0.44
10/17/2013 8:38:31	15.31	2.99	0.41
10/17/2013 8:38:41	15.42	2.96	0.41
10/17/2013 8:38:51	15.74	2.71	0.41
10/17/2013 8:39:01	15.95	2.68	0.41
10/17/2013 8:39:11	15.99	2.67	0.42
10/17/2013 8:39:21	15.77	2.80	0.41

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:39:31	15.45	2.99	0.39
10/17/2013 8:39:41	15.15	3.16	0.38
10/17/2013 8:39:51	14.84	3.33	0.36
10/17/2013 8:40:01	14.60	3.45	0.36
10/17/2013 8:40:11	14.39	3.57	0.34
10/17/2013 8:40:21	14.21	3.66	0.33
10/17/2013 8:40:31	14.10	3.71	0.32
10/17/2013 8:40:41	14.45	3.46	0.32
10/17/2013 8:40:51	14.43	3.52	0.34
10/17/2013 8:41:01	14.18	3.68	0.32
10/17/2013 8:41:11	14.00	3.76	0.31
10/17/2013 8:41:21	13.90	3.81	0.32
10/17/2013 8:41:31	13.85	3.83	0.31
10/17/2013 8:41:41	13.84	3.84	0.31
10/17/2013 8:41:51	13.83	3.84	0.31
10/17/2013 8:42:01	13.84	3.85	0.31
10/17/2013 8:42:11	13.85	3.85	0.29
10/17/2013 8:42:21	13.85	3.84	0.29
10/17/2013 8:42:31	13.86	3.83	0.29
10/17/2013 8:42:41	13.87	3.83	0.27
10/17/2013 8:42:51	13.86	3.84	0.27
10/17/2013 8:43:01	13.86	3.84	0.27
10/17/2013 8:43:11	13.85	3.85	0.27
10/17/2013 8:43:21	13.86	3.84	0.26
10/17/2013 8:43:31	13.85	3.85	0.26
10/17/2013 8:43:41	13.85	3.84	0.26
10/17/2013 8:43:51	13.84	3.85	0.26
10/17/2013 8:44:01	13.85	3.83	0.26
10/17/2013 8:44:11	13.86	3.84	0.26
10/17/2013 8:44:21	13.83	3.88	0.26
10/17/2013 8:44:31	13.80	3.90	0.27
10/17/2013 8:44:41	13.87	3.86	0.26
10/17/2013 8:44:51	14.00	3.81	0.26
10/17/2013 8:45:01	14.15	3.73	0.25
10/17/2013 8:45:11	14.30	3.67	0.24
10/17/2013 8:45:21	14.39	3.63	0.24
10/17/2013 8:45:31	14.46	3.60	0.24
10/17/2013 8:45:41	14.50	3.60	0.24
10/17/2013 8:45:51	14.51	3.62	0.23
10/17/2013 8:46:01	14.47	3.65	0.23
10/17/2013 8:46:11	14.43	3.69	0.23
10/17/2013 8:46:21	14.37	3.73	0.21
10/17/2013 8:46:31	14.32	3.77	0.23
10/17/2013 8:46:41	14.26	3.82	0.23
10/17/2013 8:46:51	14.17	3.90	0.23
10/17/2013 8:47:01	14.04	4.01	0.23
10/17/2013 8:47:11	13.92	4.09	0.21
10/17/2013 8:47:21	13.87	4.14	0.22
10/17/2013 8:47:31	13.82	4.20	0.21
10/17/2013 8:47:41	13.79	4.23	0.21
10/17/2013 8:47:51	13.81	4.23	0.21
10/17/2013 8:48:01	13.93	4.17	0.21

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:48:11	14.07	4.10	0.22
10/17/2013 8:48:21	14.21	4.04	0.22
10/17/2013 8:48:31	14.34	3.97	0.22
10/17/2013 8:48:41	14.42	3.94	0.22
10/17/2013 8:48:51	14.44	3.95	0.21
10/17/2013 8:49:01	14.45	3.95	0.22
10/17/2013 8:49:11	14.45	3.97	0.23
10/17/2013 8:49:21	14.41	4.00	0.22
10/17/2013 8:49:31	14.39	4.02	0.22
10/17/2013 8:49:41	14.32	4.07	0.22
10/17/2013 8:49:51	14.26	4.10	0.22
10/17/2013 8:50:01	14.20	4.15	0.21
10/17/2013 8:50:11	14.14	4.18	0.21
10/17/2013 8:50:21	14.12	4.20	0.21
10/17/2013 8:50:31	14.08	4.22	0.22
10/17/2013 8:50:41	14.03	4.26	0.22
10/17/2013 8:50:51	13.92	4.34	0.23
10/17/2013 8:51:01	13.82	4.41	0.24
10/17/2013 8:51:11	13.70	4.48	0.23
10/17/2013 8:51:21	13.59	4.56	0.22
10/17/2013 8:51:31	13.51	4.62	0.21
10/17/2013 8:51:41	13.44	4.67	0.21
10/17/2013 8:51:51	13.39	4.70	0.21
10/17/2013 8:52:01	13.37	4.72	0.21
10/17/2013 8:52:11	13.34	4.74	0.21
10/17/2013 8:52:21	13.32	4.77	0.20
10/17/2013 8:52:31	13.30	4.78	0.20
10/17/2013 8:52:41	13.31	4.78	0.20
10/17/2013 8:52:51	13.32	4.77	0.20
10/17/2013 8:53:01	13.33	4.77	0.19
10/17/2013 8:53:11	13.33	4.77	0.20
10/17/2013 8:53:21	13.34	4.77	0.19
10/17/2013 8:53:31	13.33	4.78	0.20
10/17/2013 8:53:41	13.31	4.78	0.20
10/17/2013 8:53:51	13.30	4.80	0.19
10/17/2013 8:54:01	13.30	4.79	0.19
10/17/2013 8:54:11	13.30	4.79	0.20
10/17/2013 8:54:21	13.31	4.79	0.21
10/17/2013 8:54:31	13.32	4.78	0.20
10/17/2013 8:54:41	13.34	4.77	0.20
10/17/2013 8:54:51	13.35	4.75	0.20
10/17/2013 8:55:01	13.37	4.74	0.21
10/17/2013 8:55:11	13.40	4.72	0.20
10/17/2013 8:55:21	13.41	4.71	0.21
10/17/2013 8:55:31	13.42	4.70	0.20
10/17/2013 8:55:41	13.44	4.69	0.20
10/17/2013 8:55:51	13.44	4.69	0.20
10/17/2013 8:56:01	13.43	4.69	0.19
10/17/2013 8:56:11	13.42	4.69	0.18
10/17/2013 8:56:21	13.43	4.68	0.19
10/17/2013 8:56:31	13.43	4.69	0.19
10/17/2013 8:56:41	13.42	4.70	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:56:51	13.40	4.70	0.17
10/17/2013 8:57:01	13.41	4.70	0.17
10/17/2013 8:57:11	13.41	4.70	0.18
10/17/2013 8:57:21	13.40	4.70	0.18
10/17/2013 8:57:31	13.40	4.71	0.17
10/17/2013 8:57:41	13.40	4.71	0.17
10/17/2013 8:57:51	13.40	4.70	0.17
10/17/2013 8:58:01	13.39	4.71	0.18
10/17/2013 8:58:11	13.38	4.71	0.20
10/17/2013 8:58:21	13.40	4.70	0.20
10/17/2013 8:58:31	13.41	4.70	0.18
10/17/2013 8:58:41	13.41	4.69	0.19
10/17/2013 8:58:51	13.40	4.70	0.19
10/17/2013 8:59:01	13.39	4.71	0.20
10/17/2013 8:59:11	13.39	4.71	0.19
10/17/2013 8:59:21	13.40	4.71	0.20
10/17/2013 8:59:31	13.38	4.72	0.19
10/17/2013 8:59:41	13.33	4.77	0.20
10/17/2013 8:59:51	13.27	4.79	0.20
10/17/2013 9:00:01	13.24	4.82	0.19
10/17/2013 9:00:11	13.20	4.85	0.18
10/17/2013 9:00:21	13.16	4.87	0.18
10/17/2013 9:00:31	13.12	4.90	0.18
10/17/2013 9:00:41	13.09	4.93	0.18
10/17/2013 9:00:51	13.07	4.93	0.19
10/17/2013 9:01:01	13.07	4.94	0.19
10/17/2013 9:01:11	13.05	4.95	0.18
10/17/2013 9:01:21	13.05	4.95	0.18
10/17/2013 9:01:31	13.07	4.94	0.18
10/17/2013 9:01:41	13.07	4.94	0.18
10/17/2013 9:01:51	13.07	4.94	0.19
10/17/2013 9:02:01	13.08	4.94	0.19
10/17/2013 9:02:11	13.07	4.94	0.18
10/17/2013 9:02:21	13.06	4.96	0.19
10/17/2013 9:02:31	13.07	4.95	0.18
10/17/2013 9:02:41	13.07	4.96	0.18
10/17/2013 9:02:51	13.05	4.97	0.18
10/17/2013 9:03:01	13.06	4.96	0.17
10/17/2013 9:03:11	13.03	4.98	0.17
10/17/2013 9:03:21	13.04	4.97	0.17
10/17/2013 9:03:31	13.05	4.97	0.17
10/17/2013 9:03:41	13.03	4.98	0.18
10/17/2013 9:03:51	13.04	4.97	0.18
10/17/2013 9:04:01	13.04	4.96	0.19
10/17/2013 9:04:11	13.05	4.96	0.19
10/17/2013 9:04:21	13.05	4.96	0.17
10/17/2013 9:04:31	13.04	4.98	0.18
10/17/2013 9:04:41	13.03	4.98	0.18
10/17/2013 9:04:51	13.03	4.98	0.18
10/17/2013 9:05:01	13.02	4.98	0.18
10/17/2013 9:05:11	13.03	4.98	0.19
10/17/2013 9:05:21	13.02	4.98	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:05:31	13.00	5.00	0.18
10/17/2013 9:05:41	12.99	5.00	0.17
10/17/2013 9:05:51	12.99	5.00	0.17
10/17/2013 9:06:01	13.00	4.99	0.17
10/17/2013 9:06:11	12.99	5.01	0.17
10/17/2013 9:06:21	13.00	4.99	0.18
10/17/2013 9:06:31	13.00	5.00	0.18
10/17/2013 9:06:41	12.99	4.99	0.19
10/17/2013 9:06:51	12.99	5.00	0.18
10/17/2013 9:07:01	13.01	5.00	0.18
10/17/2013 9:07:11	13.01	5.01	0.19
10/17/2013 9:07:21	12.98	5.02	0.20
10/17/2013 9:07:31	12.96	5.03	0.20
10/17/2013 9:07:41	12.97	5.02	0.20
10/17/2013 9:07:51	12.96	5.03	0.20
10/17/2013 9:08:01	12.96	5.02	0.20
10/17/2013 9:08:11	12.95	5.03	0.20
10/17/2013 9:08:21	12.96	5.02	0.20
10/17/2013 9:08:31	12.93	5.05	0.20
10/17/2013 9:08:41	12.90	5.06	0.19
10/17/2013 9:08:51	12.88	5.07	0.20
10/17/2013 9:09:01	12.85	5.09	0.19
10/17/2013 9:09:11	12.83	5.10	0.18
10/17/2013 9:09:21	12.82	5.11	0.19
10/17/2013 9:09:31	12.84	5.10	0.19
10/17/2013 9:09:41	12.83	5.10	0.20
10/17/2013 9:09:51	12.81	5.11	0.19
10/17/2013 9:10:01	12.78	5.13	0.20
10/17/2013 9:10:11	12.78	5.13	0.20
10/17/2013 9:10:21	12.78	5.13	0.18
10/17/2013 9:10:31	12.78	5.13	0.20
10/17/2013 9:10:41	12.79	5.12	0.20
10/17/2013 9:10:51	12.77	5.14	0.19
10/17/2013 9:11:01	12.78	5.13	0.19
10/17/2013 9:11:11	12.77	5.14	0.18
10/17/2013 9:11:21	12.78	5.12	0.18
10/17/2013 9:11:31	12.79	5.10	0.20
10/17/2013 9:11:41	12.81	5.09	0.18
10/17/2013 9:11:51	12.81	5.10	0.17
10/17/2013 9:12:01	12.83	5.08	0.17
10/17/2013 9:12:11	12.84	5.08	0.17
10/17/2013 9:12:21	12.86	5.07	0.17
10/17/2013 9:12:31	12.88	5.05	0.17
10/17/2013 9:12:41	12.91	5.03	0.17
10/17/2013 9:12:51	12.92	5.03	0.17
10/17/2013 9:13:01	12.93	5.03	0.17
10/17/2013 9:13:11	12.92	5.04	0.17
10/17/2013 9:13:21	12.92	5.03	0.17
10/17/2013 9:13:31	12.93	5.03	0.17
10/17/2013 9:13:41	12.95	5.03	0.17
10/17/2013 9:13:51	12.95	5.02	0.17
10/17/2013 9:14:01	12.96	5.02	0.18



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:14:11	12.96	5.01	0.18
10/17/2013 9:14:21	12.96	5.02	0.18
10/17/2013 9:14:31	12.96	5.02	0.19
10/17/2013 9:14:41	12.94	5.04	0.18
10/17/2013 9:14:51	12.94	5.04	0.17
10/17/2013 9:15:01	12.92	5.05	0.17
10/17/2013 9:15:11	12.92	5.04	0.18
10/17/2013 9:15:21	12.92	5.05	0.18
10/17/2013 9:15:31	12.93	5.04	0.19
10/17/2013 9:15:41	12.94	5.03	0.19
10/17/2013 9:15:51	12.94	5.03	0.19
10/17/2013 9:16:01	12.95	5.03	0.18
10/17/2013 9:16:11	12.97	5.02	0.18
10/17/2013 9:16:21	12.96	5.02	0.17
10/17/2013 9:16:31	12.97	5.02	0.17
10/17/2013 9:16:41	12.98	5.01	0.16
10/17/2013 9:16:51	12.99	5.00	0.16
10/17/2013 9:17:01	12.99	5.00	0.17
10/17/2013 9:17:11	12.97	5.02	0.17
10/17/2013 9:17:21	12.98	5.01	0.17
10/17/2013 9:17:31	12.97	5.02	0.17
10/17/2013 9:17:41	12.97	5.01	0.18
10/17/2013 9:17:51	12.98	5.01	0.17
10/17/2013 9:18:01	12.98	5.00	0.18
10/17/2013 9:18:11	12.98	5.01	0.16
10/17/2013 9:18:21	12.99	5.01	0.17
10/17/2013 9:18:31	12.98	5.01	0.17
10/17/2013 9:18:41	12.97	5.02	0.18
10/17/2013 9:18:51	12.97	5.03	0.18
10/17/2013 9:19:01	12.96	5.03	0.18
10/17/2013 9:19:11	12.96	5.03	0.17
10/17/2013 9:19:21	12.95	5.04	0.17
10/17/2013 9:19:31	12.94	5.04	0.17
10/17/2013 9:19:41	12.93	5.05	0.17
10/17/2013 9:19:51	12.91	5.06	0.17
10/17/2013 9:20:01	12.90	5.06	0.17
10/17/2013 9:20:11	12.90	5.06	0.19
10/17/2013 9:20:21	12.90	5.05	0.19
10/17/2013 9:20:31	12.90	5.04	0.17
10/17/2013 9:20:41	12.92	5.03	0.17
10/17/2013 9:20:51	12.92	5.04	0.17
10/17/2013 9:21:01	12.92	5.04	0.17
10/17/2013 9:21:11	12.92	5.04	0.17
10/17/2013 9:21:21	12.90	5.05	0.17
10/17/2013 9:21:31	12.89	5.06	0.16
10/17/2013 9:21:41	12.85	5.09	0.15
10/17/2013 9:21:51	12.89	5.06	0.15
10/17/2013 9:22:01	12.92	5.04	0.15
10/17/2013 9:22:11	13.06	4.95	0.15
10/17/2013 9:22:21	13.21	4.86	0.17
10/17/2013 9:22:31	13.39	4.75	0.17
10/17/2013 9:22:41	13.44	4.74	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:22:51	13.40	4.79	0.16
10/17/2013 9:23:01	13.35	4.83	0.15
10/17/2013 9:23:11	13.26	4.88	0.14
10/17/2013 9:23:21	13.20	4.91	0.14
10/17/2013 9:23:31	13.20	4.90	0.14
10/17/2013 9:23:41	13.27	4.86	0.15
10/17/2013 9:23:51	13.37	4.78	0.16
10/17/2013 9:24:01	13.47	4.73	0.16
10/17/2013 9:24:11	13.48	4.74	0.17
10/17/2013 9:24:21	13.42	4.79	0.17
10/17/2013 9:24:31	13.33	4.85	0.17
10/17/2013 9:24:41	13.20	4.92	0.16
10/17/2013 9:24:51	13.10	4.98	0.17
10/17/2013 9:25:01	13.04	5.01	0.16
10/17/2013 9:25:11	13.06	4.99	0.16
10/17/2013 9:25:21	13.15	4.91	0.17
10/17/2013 9:25:31	13.24	4.86	0.17
10/17/2013 9:25:41	13.27	4.86	0.17
10/17/2013 9:25:51	13.22	4.89	0.17
10/17/2013 9:26:01	13.14	4.96	0.16
10/17/2013 9:26:11	13.06	4.99	0.15
10/17/2013 9:26:21	13.04	5.00	0.14
10/17/2013 9:26:31	13.07	4.96	0.14
10/17/2013 9:26:41	13.17	4.89	0.13
10/17/2013 9:26:51	13.32	4.80	0.14
10/17/2013 9:27:01	13.42	4.74	0.14
10/17/2013 9:27:11	13.42	4.78	0.15
10/17/2013 9:27:21	13.36	4.83	0.15
10/17/2013 9:27:31	13.28	4.88	0.15
10/17/2013 9:27:41	13.22	4.91	0.16
10/17/2013 9:27:51	13.20	4.91	0.16
10/17/2013 9:28:01	13.25	4.86	0.17
10/17/2013 9:28:11	13.34	4.81	0.16
10/17/2013 9:28:21	13.47	4.72	0.16
10/17/2013 9:28:31	13.56	4.67	0.17
10/17/2013 9:28:41	13.55	4.70	0.16
10/17/2013 9:28:51	13.49	4.74	0.16
10/17/2013 9:29:01	13.39	4.80	0.15
10/17/2013 9:29:11	13.36	4.81	0.15
10/17/2013 9:29:21	13.34	4.82	0.16
10/17/2013 9:29:31	13.43	4.76	0.15
10/17/2013 9:29:41	13.51	4.70	0.15
10/17/2013 9:29:51	13.62	4.63	0.16
10/17/2013 9:30:01	13.64	4.64	0.16
10/17/2013 9:30:11	13.55	4.71	0.14
10/17/2013 9:30:21	13.48	4.77	0.15
10/17/2013 9:30:31	13.39	4.81	0.15
10/17/2013 9:30:41	13.35	4.84	0.14
10/17/2013 9:30:51	13.34	4.82	0.14
10/17/2013 9:31:01	13.44	4.76	0.14
10/17/2013 9:31:11	13.56	4.67	0.14
10/17/2013 9:31:21	13.67	4.61	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:31:31	13.69	4.62	0.13
10/17/2013 9:31:41	13.61	4.67	0.14
10/17/2013 9:31:51	13.52	4.75	0.13
10/17/2013 9:32:01	13.44	4.78	0.13
10/17/2013 9:32:11	13.40	4.80	0.12
10/17/2013 9:32:21	13.41	4.77	0.12
10/17/2013 9:32:31	13.47	4.73	0.13
10/17/2013 9:32:41	13.60	4.64	0.13
10/17/2013 9:32:51	13.69	4.60	0.13
10/17/2013 9:33:01	13.68	4.62	0.13
10/17/2013 9:33:11	13.62	4.66	0.14
10/17/2013 9:33:21	13.52	4.74	0.13
10/17/2013 9:33:31	13.46	4.76	0.13
10/17/2013 9:33:41	13.44	4.77	0.12
10/17/2013 9:33:51	13.50	4.71	0.13
10/17/2013 9:34:01	13.57	4.67	0.13
10/17/2013 9:34:11	13.71	4.56	0.14
10/17/2013 9:34:21	13.77	4.54	0.14
10/17/2013 9:34:31	13.73	4.59	0.14
10/17/2013 9:34:41	13.64	4.64	0.14
10/17/2013 9:34:51	13.53	4.72	0.14
10/17/2013 9:35:01	13.45	4.76	0.14
10/17/2013 9:35:11	13.40	4.78	0.14
10/17/2013 9:35:21	13.46	4.74	0.14
10/17/2013 9:35:31	13.51	4.69	0.14
10/17/2013 9:35:41	13.64	4.61	0.14
10/17/2013 9:35:51	13.65	4.63	0.15
10/17/2013 9:36:01	13.59	4.68	0.13
10/17/2013 9:36:11	13.49	4.75	0.13
10/17/2013 9:36:21	13.35	4.84	0.14
10/17/2013 9:36:31	13.30	4.87	0.12
10/17/2013 9:36:41	13.27	4.88	0.12
10/17/2013 9:36:51	13.32	4.84	0.11
10/17/2013 9:37:01	13.38	4.79	0.13
10/17/2013 9:37:11	13.45	4.75	0.14
10/17/2013 9:37:21	13.43	4.78	0.14
10/17/2013 9:37:31	13.36	4.83	0.14
10/17/2013 9:37:41	13.23	4.92	0.13
10/17/2013 9:37:51	13.13	4.96	0.13
10/17/2013 9:38:01	13.05	5.02	0.13
10/17/2013 9:38:11	13.00	5.01	0.13
10/17/2013 9:38:21	13.03	4.99	0.14
10/17/2013 9:38:31	13.12	4.92	0.12
10/17/2013 9:38:41	13.16	4.91	0.12
10/17/2013 9:38:51	13.11	4.96	0.13
10/17/2013 9:39:01	13.01	5.02	0.13
10/17/2013 9:39:11	12.91	5.08	0.12
10/17/2013 9:39:21	12.83	5.11	0.13
10/17/2013 9:39:31	12.83	5.11	0.12
10/17/2013 9:39:41	12.86	5.07	0.12
10/17/2013 9:39:51	12.92	5.03	0.12
10/17/2013 9:40:01	13.04	4.94	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:40:11	13.12	4.92	0.13
10/17/2013 9:40:21	13.09	4.95	0.14
10/17/2013 9:40:31	13.01	5.01	0.14
10/17/2013 9:40:41	12.91	5.07	0.13
10/17/2013 9:40:51	12.84	5.10	0.13
10/17/2013 9:41:01	12.81	5.12	0.14
10/17/2013 9:41:11	12.85	5.08	0.13
10/17/2013 9:41:21	12.92	5.03	0.13
10/17/2013 9:41:31	13.03	4.96	0.13
10/17/2013 9:41:41	13.06	4.97	0.13
10/17/2013 9:41:51	12.99	5.02	0.13
10/17/2013 9:42:01	12.91	5.07	0.13
10/17/2013 9:42:11	12.80	5.14	0.12
10/17/2013 9:42:21	12.76	5.15	0.12
10/17/2013 9:42:31	12.72	5.16	0.13
10/17/2013 9:42:41	12.79	5.12	0.14
10/17/2013 9:42:51	12.86	5.06	0.14
10/17/2013 9:43:01	12.97	5.02	0.14
10/17/2013 9:43:11	12.96	5.03	0.13
10/17/2013 9:43:21	12.89	5.08	0.13
10/17/2013 9:43:31	12.81	5.13	0.12
10/17/2013 9:43:41	12.71	5.19	0.13
10/17/2013 9:43:51	12.65	5.22	0.13
10/17/2013 9:44:01	12.63	5.22	0.12
10/17/2013 9:44:11	12.70	5.17	0.12
10/17/2013 9:44:21	12.79	5.11	0.13
10/17/2013 9:44:31	12.91	5.04	0.13
10/17/2013 9:44:41	12.93	5.05	0.13
10/17/2013 9:44:51	12.89	5.08	0.14
10/17/2013 9:45:01	12.82	5.12	0.13
10/17/2013 9:45:11	12.74	5.18	0.12
10/17/2013 9:45:21	12.69	5.19	0.12
10/17/2013 9:45:31	12.66	5.20	0.12
10/17/2013 9:45:41	12.72	5.15	0.12
10/17/2013 9:45:51	12.81	5.09	0.11
10/17/2013 9:46:01	12.93	5.01	0.11
10/17/2013 9:46:11	13.00	4.98	0.13
10/17/2013 9:46:21	12.98	5.01	0.14
10/17/2013 9:46:31	12.91	5.06	0.14
10/17/2013 9:46:41	12.80	5.13	0.13
10/17/2013 9:46:51	12.72	5.17	0.12
10/17/2013 9:47:01	12.65	5.21	0.12
10/17/2013 9:47:11	12.67	5.18	0.12
10/17/2013 9:47:21	12.72	5.14	0.12
10/17/2013 9:47:31	12.84	5.06	0.13
10/17/2013 9:47:41	12.91	5.05	0.12
10/17/2013 9:47:51	12.88	5.09	0.13
10/17/2013 9:48:01	12.82	5.13	0.14
10/17/2013 9:48:11	12.73	5.19	0.14
10/17/2013 9:48:21	12.68	5.20	0.13
10/17/2013 9:48:31	12.65	5.21	0.12
10/17/2013 9:48:41	12.69	5.17	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:48:51	12.76	5.12	0.12
10/17/2013 9:49:01	12.89	5.04	0.13
10/17/2013 9:49:11	12.95	5.02	0.13
10/17/2013 9:49:21	12.95	5.03	0.12
10/17/2013 9:49:31	12.93	5.04	0.11
10/17/2013 9:49:41	12.87	5.08	0.11
10/17/2013 9:49:51	12.80	5.12	0.12
<b>Start Run 3A</b>			
10/17/2013 9:50:01	12.76	5.13	0.12
10/17/2013 9:50:11	12.78	5.13	0.13
10/17/2013 9:50:21	12.90	5.05	0.13
10/17/2013 9:50:31	13.00	5.00	0.13
10/17/2013 9:50:41	13.09	4.94	0.13
10/17/2013 9:50:51	13.16	4.91	0.12
10/17/2013 9:51:01	13.24	4.87	0.12
10/17/2013 9:51:11	13.26	4.87	0.12
10/17/2013 9:51:21	13.27	4.86	0.12
10/17/2013 9:51:31	13.28	4.86	0.14
10/17/2013 9:51:41	13.26	4.86	0.13
10/17/2013 9:51:51	13.28	4.85	0.13
10/17/2013 9:52:01	13.33	4.81	0.13
10/17/2013 9:52:11	13.41	4.76	0.13
10/17/2013 9:52:21	13.52	4.69	0.13
10/17/2013 9:52:31	13.58	4.67	0.13
10/17/2013 9:52:41	13.53	4.72	0.13
10/17/2013 9:52:51	13.42	4.80	0.14
10/17/2013 9:53:01	13.27	4.90	0.13
10/17/2013 9:53:11	13.09	5.00	0.13
10/17/2013 9:53:21	12.97	5.07	0.13
10/17/2013 9:53:31	12.90	5.09	0.13
10/17/2013 9:53:41	12.93	5.06	0.14
10/17/2013 9:53:51	13.02	4.99	0.14
10/17/2013 9:54:01	13.11	4.94	0.14
10/17/2013 9:54:11	13.09	4.97	0.14
10/17/2013 9:54:21	13.03	5.01	0.14
10/17/2013 9:54:31	12.90	5.10	0.14
10/17/2013 9:54:41	12.76	5.18	0.14
10/17/2013 9:54:51	12.69	5.21	0.13
10/17/2013 9:55:01	12.69	5.19	0.14
10/17/2013 9:55:11	12.75	5.15	0.14
10/17/2013 9:55:21	12.86	5.08	0.14
10/17/2013 9:55:31	12.92	5.04	0.14
10/17/2013 9:55:41	12.89	5.08	0.13
10/17/2013 9:55:51	12.82	5.13	0.15
10/17/2013 9:56:01	12.72	5.20	0.15
10/17/2013 9:56:11	12.64	5.23	0.15
10/17/2013 9:56:21	12.60	5.25	0.14
10/17/2013 9:56:31	12.63	5.22	0.14
10/17/2013 9:56:41	12.70	5.17	0.14
10/17/2013 9:56:51	12.83	5.10	0.14
10/17/2013 9:57:01	12.88	5.08	0.14
10/17/2013 9:57:11	12.85	5.10	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:57:21	12.73	5.19	0.14
10/17/2013 9:57:31	12.59	5.28	0.14
10/17/2013 9:57:41	12.51	5.31	0.14
10/17/2013 9:57:51	12.44	5.34	0.14
10/17/2013 9:58:01	12.49	5.29	0.14
10/17/2013 9:58:11	12.57	5.24	0.14
10/17/2013 9:58:21	12.68	5.18	0.14
10/17/2013 9:58:31	12.70	5.19	0.14
10/17/2013 9:58:41	12.62	5.25	0.14
10/17/2013 9:58:51	12.51	5.32	0.14
10/17/2013 9:59:01	12.38	5.39	0.14
10/17/2013 9:59:11	12.31	5.42	0.14
10/17/2013 9:59:21	12.29	5.42	0.14
10/17/2013 9:59:31	12.38	5.36	0.14
10/17/2013 9:59:41	12.48	5.28	0.14
10/17/2013 9:59:51	12.60	5.22	0.14
10/17/2013 10:00:01	12.61	5.24	0.13
10/17/2013 10:00:11	12.53	5.29	0.14
10/17/2013 10:00:21	12.44	5.35	0.14
10/17/2013 10:00:31	12.34	5.40	0.14
10/17/2013 10:00:41	12.31	5.41	0.14
10/17/2013 10:00:51	12.30	5.40	0.14
10/17/2013 10:01:01	12.37	5.36	0.12
10/17/2013 10:01:11	12.24	5.47	0.11
10/17/2013 10:01:21	12.20	5.47	0.11
10/17/2013 10:01:31	12.15	5.51	0.11
10/17/2013 10:01:41	12.05	5.61	0.12
10/17/2013 10:01:51	11.88	5.72	0.12
10/17/2013 10:02:01	11.71	5.83	0.12
10/17/2013 10:02:11	11.57	5.93	0.12
10/17/2013 10:02:21	11.47	5.99	0.12
10/17/2013 10:02:31	11.38	6.06	0.13
10/17/2013 10:02:41	12.51	5.00	0.21
10/17/2013 10:02:51	13.21	4.93	0.19
10/17/2013 10:03:01	12.37	5.41	0.18
10/17/2013 10:03:11	11.80	5.83	0.15
10/17/2013 10:03:21	11.56	5.94	0.14
10/17/2013 10:03:31	11.67	5.83	0.14
10/17/2013 10:03:41	11.83	5.74	0.14
10/17/2013 10:03:51	11.86	5.75	0.14
10/17/2013 10:04:01	11.80	5.81	0.14
10/17/2013 10:04:11	11.70	5.88	0.14
10/17/2013 10:04:21	11.62	5.93	0.13
10/17/2013 10:04:31	11.57	5.97	0.13
10/17/2013 10:04:41	11.81	5.61	0.17
10/17/2013 10:04:51	12.50	5.27	0.17
10/17/2013 10:05:01	12.32	5.37	0.17
10/17/2013 10:05:11	12.44	5.38	0.16
10/17/2013 10:05:21	12.22	5.53	0.16
10/17/2013 10:05:31	12.11	5.61	0.14
10/17/2013 10:05:41	12.02	5.68	0.14
10/17/2013 10:05:51	11.95	5.72	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:06:01	11.90	5.76	0.13
10/17/2013 10:06:11	11.90	5.74	0.12
10/17/2013 10:06:21	11.99	5.65	0.12
10/17/2013 10:06:31	12.11	5.58	0.14
10/17/2013 10:06:41	12.22	5.44	0.16
10/17/2013 10:06:51	12.30	5.42	0.15
10/17/2013 10:07:01	12.32	5.44	0.14
10/17/2013 10:07:11	12.33	5.44	0.14
10/17/2013 10:07:21	12.34	5.44	0.14
10/17/2013 10:07:31	12.37	5.42	0.15
10/17/2013 10:07:41	12.37	5.42	0.15
10/17/2013 10:07:51	12.37	5.41	0.14
10/17/2013 10:08:01	12.39	5.40	0.14
10/17/2013 10:08:11	12.45	5.35	0.13
10/17/2013 10:08:21	12.59	5.26	0.14
10/17/2013 10:08:31	12.76	5.16	0.14
10/17/2013 10:08:41	12.89	5.11	0.14
10/17/2013 10:08:51	12.89	5.14	0.14
10/17/2013 10:09:01	12.82	5.19	0.14
10/17/2013 10:09:11	12.73	5.24	0.14
10/17/2013 10:09:21	12.68	5.26	0.14
10/17/2013 10:09:31	12.64	5.28	0.14
10/17/2013 10:09:41	12.64	5.26	0.12
10/17/2013 10:09:51	12.67	5.24	0.13
10/17/2013 10:10:01	12.76	5.16	0.12
10/17/2013 10:10:11	12.77	5.19	0.12
10/17/2013 10:10:21	12.67	5.27	0.12
10/17/2013 10:10:31	12.51	5.37	0.11
10/17/2013 10:10:41	12.35	5.47	0.11
10/17/2013 10:10:51	12.24	5.53	0.11
10/17/2013 10:11:01	12.16	5.58	0.10
10/17/2013 10:11:11	12.18	5.54	0.11
10/17/2013 10:11:21	12.23	5.49	0.12
10/17/2013 10:11:31	12.32	5.43	0.12
10/17/2013 10:11:41	12.31	5.46	0.14
10/17/2013 10:11:51	12.19	5.55	0.14
10/17/2013 10:12:01	12.03	5.67	0.13
10/17/2013 10:12:11	11.82	5.83	0.13
10/17/2013 10:12:21	11.71	5.87	0.11
10/17/2013 10:12:31	11.60	5.94	0.11
10/17/2013 10:12:41	11.59	5.92	0.11
10/17/2013 10:12:51	11.63	5.88	0.12
10/17/2013 10:13:01	11.76	5.78	0.12
10/17/2013 10:13:11	11.76	5.81	0.12
10/17/2013 10:13:21	11.69	5.88	0.12
10/17/2013 10:13:31	11.57	5.98	0.12
10/17/2013 10:13:41	11.45	6.05	0.12
10/17/2013 10:13:51	11.38	6.09	0.12
10/17/2013 10:14:01	11.33	6.10	0.12
10/17/2013 10:14:11	11.39	6.05	0.12
10/17/2013 10:14:21	11.50	5.95	0.13
10/17/2013 10:14:31	11.61	5.90	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:14:41	11.61	5.92	0.12
10/17/2013 10:14:51	11.52	5.98	0.13
10/17/2013 10:15:01	11.42	6.06	0.12
10/17/2013 10:15:11	11.27	6.16	0.12
10/17/2013 10:15:21	11.16	6.23	0.12
10/17/2013 10:15:31	11.08	6.26	0.12
10/17/2013 10:15:41	11.11	6.23	0.12
10/17/2013 10:15:51	11.20	6.16	0.12
10/17/2013 10:16:01	11.28	6.13	0.13
10/17/2013 10:16:11	11.24	6.19	0.12
10/17/2013 10:16:21	11.12	6.28	0.12
10/17/2013 10:16:31	11.01	6.37	0.12
10/17/2013 10:16:41	10.90	6.42	0.10
10/17/2013 10:16:51	10.83	6.48	0.09
10/17/2013 10:17:01	10.83	6.45	0.10
10/17/2013 10:17:11	10.93	6.38	0.11
10/17/2013 10:17:21	11.07	6.28	0.12
10/17/2013 10:17:31	11.15	6.25	0.12
10/17/2013 10:17:41	11.11	6.30	0.12
10/17/2013 10:17:51	11.02	6.38	0.12
10/17/2013 10:18:01	10.92	6.46	0.11
10/17/2013 10:18:11	10.80	6.52	0.12
10/17/2013 10:18:21	10.74	6.56	0.10
10/17/2013 10:18:31	10.76	6.52	0.12
10/17/2013 10:18:41	10.88	6.43	0.12
10/17/2013 10:18:51	11.03	6.33	0.14
10/17/2013 10:19:01	11.13	6.29	0.13
10/17/2013 10:19:11	11.12	6.32	0.13
10/17/2013 10:19:21	11.04	6.38	0.13
10/17/2013 10:19:31	11.01	6.40	0.13
10/17/2013 10:19:41	10.89	6.46	0.14
10/17/2013 10:19:51	10.82	6.50	0.14
10/17/2013 10:20:01	10.80	6.48	0.14
10/17/2013 10:20:11	10.91	6.41	0.14
10/17/2013 10:20:21	11.05	6.30	0.13
10/17/2013 10:20:31	11.18	6.24	0.14
10/17/2013 10:20:41	11.19	6.25	0.14
10/17/2013 10:20:51	11.13	6.31	0.14
10/17/2013 10:21:01	11.07	6.36	0.13
10/17/2013 10:21:11	11.02	6.39	0.13
10/17/2013 10:21:21	10.93	6.45	0.13
10/17/2013 10:21:31	10.87	6.48	0.13
10/17/2013 10:21:41	10.84	6.50	0.13
10/17/2013 10:21:51	10.81	6.51	0.12
10/17/2013 10:22:01	10.80	6.51	0.12
10/17/2013 10:22:11	10.80	6.52	0.13
10/17/2013 10:22:21	10.75	6.54	0.13
10/17/2013 10:22:31	10.69	6.59	0.13
10/17/2013 10:22:41	10.62	6.64	0.13
10/17/2013 10:22:51	10.58	6.67	0.12
10/17/2013 10:23:01	10.56	6.67	0.12
10/17/2013 10:23:11	10.65	6.61	0.12



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:23:21	10.77	6.50	0.12
10/17/2013 10:23:31	10.96	6.38	0.11
10/17/2013 10:23:41	11.02	6.39	0.12
10/17/2013 10:23:51	10.97	6.44	0.11
10/17/2013 10:24:01	10.87	6.51	0.14
10/17/2013 10:24:11	10.77	6.58	0.14
10/17/2013 10:24:21	10.73	6.59	0.14
10/17/2013 10:24:31	10.71	6.58	0.13
10/17/2013 10:24:41	10.83	6.49	0.11
10/17/2013 10:24:51	11.00	6.34	0.14
10/17/2013 10:25:01	11.15	6.25	0.15
10/17/2013 10:25:11	11.19	6.25	0.15
10/17/2013 10:25:21	11.13	6.30	0.16
10/17/2013 10:25:31	11.06	6.35	0.15
10/17/2013 10:25:41	10.96	6.41	0.14
10/17/2013 10:25:51	10.88	6.46	0.14
10/17/2013 10:26:01	10.87	6.44	0.13
10/17/2013 10:26:11	10.96	6.37	0.15
10/17/2013 10:26:21	11.11	6.26	0.14
10/17/2013 10:26:31	11.21	6.21	0.14
10/17/2013 10:26:41	11.22	6.23	0.14
10/17/2013 10:26:51	11.15	6.28	0.14
10/17/2013 10:27:01	11.06	6.36	0.14
10/17/2013 10:27:11	10.96	6.41	0.13
10/17/2013 10:27:21	10.91	6.44	0.12
10/17/2013 10:27:31	10.91	6.41	0.13
10/17/2013 10:27:41	11.00	6.35	0.14
10/17/2013 10:27:51	11.13	6.23	0.14
10/17/2013 10:28:01	11.24	6.19	0.14
10/17/2013 10:28:11	11.20	6.25	0.13
10/17/2013 10:28:21	11.11	6.31	0.14
10/17/2013 10:28:31	11.00	6.39	0.13
10/17/2013 10:28:41	10.89	6.45	0.13
10/17/2013 10:28:51	10.83	6.49	0.13
10/17/2013 10:29:01	10.83	6.47	0.13
10/17/2013 10:29:11	10.91	6.40	0.12
10/17/2013 10:29:21	11.07	6.30	0.12
10/17/2013 10:29:31	11.17	6.25	0.12
10/17/2013 10:29:41	11.11	6.32	0.12
10/17/2013 10:29:51	11.03	6.37	0.12
10/17/2013 10:30:01	10.91	6.45	0.10
10/17/2013 10:30:11	10.82	6.51	0.12
10/17/2013 10:30:21	10.76	6.53	0.10
10/17/2013 10:30:31	10.82	6.48	0.12
10/17/2013 10:30:41	10.91	6.40	0.12
10/17/2013 10:30:51	11.06	6.30	0.13
10/17/2013 10:31:01	11.11	6.29	0.13
10/17/2013 10:31:11	11.05	6.37	0.12
10/17/2013 10:31:21	10.97	6.42	0.11
10/17/2013 10:31:31	10.84	6.52	0.11
10/17/2013 10:31:41	10.79	6.55	0.10
10/17/2013 10:31:51	10.73	6.57	0.10

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 10:32:01	10.77	6.54	0.10
10/17/2013 10:32:11	10.85	6.46	0.11
10/17/2013 10:32:21	10.96	6.40	0.12
10/17/2013 10:32:31	10.96	6.42	0.11
10/17/2013 10:32:41	10.86	6.51	0.11
10/17/2013 10:32:51	10.74	6.60	0.12
10/17/2013 10:33:01	10.61	6.68	0.10
10/17/2013 10:33:11	10.56	6.71	0.11
10/17/2013 10:33:21	10.55	6.70	0.11
10/17/2013 10:33:31	10.64	6.63	0.10
10/17/2013 10:33:41	10.79	6.51	0.11
10/17/2013 10:33:51	10.91	6.45	0.11
10/17/2013 10:34:01	10.94	6.46	0.13
10/17/2013 10:34:11	10.86	6.52	0.13
10/17/2013 10:34:21	10.79	6.58	0.12
10/17/2013 10:34:31	10.67	6.65	0.12
10/17/2013 10:34:41	10.61	6.68	0.12
10/17/2013 10:34:51	10.65	6.62	0.11
10/17/2013 10:35:01	10.77	6.54	0.10
10/17/2013 10:35:11	10.93	6.42	0.11
10/17/2013 10:35:21	11.03	6.39	0.12
10/17/2013 10:35:31	10.99	6.44	0.11
10/17/2013 10:35:41	10.93	6.49	0.11
10/17/2013 10:35:51	10.82	6.56	0.10
10/17/2013 10:36:01	10.75	6.59	0.10
10/17/2013 10:36:11	10.70	6.62	0.11
10/17/2013 10:36:21	10.76	6.55	0.11
10/17/2013 10:36:31	10.85	6.48	0.12
10/17/2013 10:36:41	11.01	6.37	0.12
10/17/2013 10:36:51	11.11	6.31	0.12
10/17/2013 10:37:01	11.10	6.34	0.11
10/17/2013 10:37:11	11.04	6.38	0.10
10/17/2013 10:37:21	10.94	6.46	0.10
10/17/2013 10:37:31	10.84	6.51	0.09
10/17/2013 10:37:41	10.78	6.55	0.08
10/17/2013 10:37:51	10.83	6.49	0.09
10/17/2013 10:38:01	10.93	6.41	0.11
10/17/2013 10:38:11	11.04	6.34	0.10
10/17/2013 10:38:21	11.08	6.34	0.10
10/17/2013 10:38:31	11.02	6.40	0.11
10/17/2013 10:38:41	10.94	6.46	0.11
10/17/2013 10:38:51	10.82	6.54	0.10
10/17/2013 10:39:01	10.80	6.53	0.10
10/17/2013 10:39:11	10.77	6.54	0.11
10/17/2013 10:39:21	10.87	6.46	0.11
10/17/2013 10:39:31	11.00	6.35	0.10
10/17/2013 10:39:41	11.12	6.27	0.10
10/17/2013 10:39:51	11.14	6.28	0.11
10/17/2013 10:40:01	11.05	6.35	0.11
10/17/2013 10:40:11	10.96	6.42	0.10
10/17/2013 10:40:21	10.82	6.51	0.11
10/17/2013 10:40:31	10.72	6.57	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:40:41	10.69	6.58	0.10
10/17/2013 10:40:51	10.76	6.53	0.10
10/17/2013 10:41:01	10.89	6.43	0.10
10/17/2013 10:41:11	11.01	6.38	0.10
10/17/2013 10:41:21	11.01	6.40	0.10
10/17/2013 10:41:31	11.00	6.41	0.10
10/17/2013 10:41:41	10.95	6.45	0.10
10/17/2013 10:41:51	10.91	6.46	0.10
10/17/2013 10:42:01	10.90	6.47	0.11
10/17/2013 10:42:11	10.95	6.42	0.10
10/17/2013 10:42:21	11.07	6.32	0.09
10/17/2013 10:42:31	11.25	6.18	0.09
10/17/2013 10:42:41	11.38	6.11	0.10
10/17/2013 10:42:51	11.39	6.14	0.12
10/17/2013 10:43:01	11.36	6.17	0.11
10/17/2013 10:43:11	11.29	6.22	0.11
10/17/2013 10:43:21	11.22	6.26	0.10
10/17/2013 10:43:31	11.15	6.30	0.10
10/17/2013 10:43:41	11.21	6.23	0.10
10/17/2013 10:43:51	11.32	6.15	0.10
10/17/2013 10:44:01	11.45	6.06	0.10
10/17/2013 10:44:11	11.54	6.02	0.10
10/17/2013 10:44:21	11.51	6.06	0.10
10/17/2013 10:44:31	11.46	6.10	0.10
10/17/2013 10:44:41	11.35	6.18	0.10
10/17/2013 10:44:51	11.29	6.21	0.10
10/17/2013 10:45:01	11.22	6.25	0.10
10/17/2013 10:45:11	11.27	6.19	0.10
10/17/2013 10:45:21	11.35	6.11	0.11
10/17/2013 10:45:31	11.49	6.02	0.11
10/17/2013 10:45:41	11.54	6.01	0.10
10/17/2013 10:45:51	11.48	6.07	0.11
10/17/2013 10:46:01	11.39	6.13	0.11
10/17/2013 10:46:11	11.29	6.20	0.11
10/17/2013 10:46:21	11.23	6.23	0.11
10/17/2013 10:46:31	11.18	6.27	0.11
10/17/2013 10:46:41	11.25	6.21	0.10
10/17/2013 10:46:51	11.33	6.13	0.10
10/17/2013 10:47:01	11.48	6.03	0.10
10/17/2013 10:47:11	11.54	6.03	0.10
10/17/2013 10:47:21	11.46	6.10	0.11
10/17/2013 10:47:31	11.42	6.14	0.10
10/17/2013 10:47:41	11.32	6.20	0.10
10/17/2013 10:47:51	11.30	6.21	0.09
10/17/2013 10:48:01	11.31	6.18	0.09
10/17/2013 10:48:11	11.41	6.10	0.10
10/17/2013 10:48:21	11.53	6.00	0.10
10/17/2013 10:48:31	11.66	5.93	0.11
10/17/2013 10:48:41	11.67	5.95	0.10
10/17/2013 10:48:51	11.58	6.02	0.11
10/17/2013 10:49:01	11.51	6.08	0.10
10/17/2013 10:49:11	11.38	6.16	0.10

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 10:49:21	11.32	6.20	0.10
10/17/2013 10:49:31	11.33	6.16	0.10
10/17/2013 10:49:41	11.42	6.09	0.10
10/17/2013 10:49:51	11.52	6.01	0.10
10/17/2013 10:50:01	11.61	5.98	0.10
10/17/2013 10:50:11	11.60	6.00	0.10
10/17/2013 10:50:21	11.53	6.06	0.10
10/17/2013 10:50:31	11.47	6.11	0.10
10/17/2013 10:50:41	11.37	6.17	0.10
10/17/2013 10:50:51	11.32	6.20	0.07
10/17/2013 10:51:01	11.34	6.16	0.09
10/17/2013 10:51:11	11.43	6.10	0.09
10/17/2013 10:51:21	11.57	6.00	0.09
10/17/2013 10:51:31	11.64	5.97	0.09
10/17/2013 10:51:41	11.64	5.98	0.10
10/17/2013 10:51:51	11.59	6.02	0.10
10/17/2013 10:52:01	11.52	6.08	0.11
10/17/2013 10:52:11	11.47	6.12	0.10
10/17/2013 10:52:21	11.41	6.16	0.10
10/17/2013 10:52:31	11.34	6.21	0.10
10/17/2013 10:52:41	11.28	6.23	0.10
10/17/2013 10:52:51	11.26	6.26	0.10
10/17/2013 10:53:01	11.24	6.25	0.10
10/17/2013 10:53:11	11.31	6.19	0.10
10/17/2013 10:53:21	11.43	6.10	0.10
10/17/2013 10:53:31	11.50	6.07	0.10
10/17/2013 10:53:41	11.46	6.11	0.10
10/17/2013 10:53:51	11.36	6.19	0.10
10/17/2013 10:54:01	11.27	6.26	0.10
10/17/2013 10:54:11	11.17	6.32	0.10
10/17/2013 10:54:21	11.08	6.37	0.10
10/17/2013 10:54:31	11.11	6.32	0.10
10/17/2013 10:54:41	11.19	6.25	0.10
10/17/2013 10:54:51	11.35	6.14	0.10
10/17/2013 10:55:01	11.44	6.10	0.10
10/17/2013 10:55:11	11.38	6.17	0.10
10/17/2013 10:55:21	11.28	6.24	0.10
10/17/2013 10:55:31	11.16	6.33	0.11
10/17/2013 10:55:41	11.10	6.37	0.11
10/17/2013 10:55:51	11.02	6.41	0.10
10/17/2013 10:56:01	11.09	6.35	0.10
10/17/2013 10:56:11	11.18	6.27	0.11
10/17/2013 10:56:21	11.33	6.16	0.10
10/17/2013 10:56:31	11.39	6.14	0.10
10/17/2013 10:56:41	11.39	6.16	0.11
10/17/2013 10:56:51	11.36	6.17	0.10
<b>End Run 3A</b>	<b>11.58</b>	<b>5.98</b>	<b>0.12</b>
10/17/2013 10:57:01	11.32	6.19	0.11
10/17/2013 10:57:11	11.28	6.21	0.11
10/17/2013 10:57:21	11.28	6.20	0.10
10/17/2013 10:57:31	11.27	6.20	0.10
10/17/2013 10:57:41	11.24	6.22	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:57:51	11.24	6.22	0.10
10/17/2013 10:58:01	11.27	6.20	0.11
10/17/2013 10:58:11	11.29	6.18	0.11
10/17/2013 10:58:21	11.30	6.17	0.10
10/17/2013 10:58:31	11.32	6.15	0.10
10/17/2013 10:58:41	11.33	6.16	0.10
10/17/2013 10:58:51	11.37	6.11	0.10
10/17/2013 10:59:01	11.49	6.03	0.09
10/17/2013 10:59:11	11.53	5.99	0.10
10/17/2013 10:59:21	11.69	5.86	0.11
10/17/2013 10:59:31	11.95	5.62	0.12
10/17/2013 10:59:41	12.50	5.21	0.12
10/17/2013 10:59:51	13.06	4.81	0.12
10/17/2013 11:00:01	13.56	4.42	0.11
10/17/2013 11:00:11	13.89	4.18	0.10
10/17/2013 11:00:21	14.14	3.98	0.10
10/17/2013 11:00:31	14.31	3.84	0.10
10/17/2013 11:00:41	14.43	3.73	0.11
10/17/2013 11:00:51	14.53	3.65	0.11
10/17/2013 11:01:01	14.61	3.57	0.12
10/17/2013 11:01:11	14.68	3.52	0.12
10/17/2013 11:01:21	14.71	3.48	0.12
10/17/2013 11:01:31	14.75	3.45	0.13
10/17/2013 11:01:41	14.77	3.43	0.12
10/17/2013 11:01:51	14.78	3.41	0.13
10/17/2013 11:02:01	14.76	3.42	0.12
10/17/2013 11:02:11	14.72	3.43	0.12
10/17/2013 11:02:21	14.69	3.45	0.13
10/17/2013 11:02:31	14.65	3.47	0.13
10/17/2013 11:02:41	14.60	3.49	0.13
10/17/2013 11:02:51	14.54	3.53	0.11
10/17/2013 11:03:01	14.48	3.56	0.12
10/17/2013 11:03:11	14.43	3.59	0.12
10/17/2013 11:03:21	14.39	3.61	0.12
10/17/2013 11:03:31	14.37	3.62	0.11
10/17/2013 11:03:41	14.34	3.64	0.11
10/17/2013 11:03:51	14.34	3.64	0.11
10/17/2013 11:04:01	14.34	3.65	0.12
10/17/2013 11:04:11	14.34	3.64	0.13
10/17/2013 11:04:21	14.34	3.64	0.13
10/17/2013 11:04:31	14.38	3.61	0.12
10/17/2013 11:04:41	14.40	3.60	0.13
10/17/2013 11:04:51	14.41	3.60	0.12
10/17/2013 11:05:01	14.40	3.60	0.12
10/17/2013 11:05:11	14.38	3.61	0.11
10/17/2013 11:05:21	14.39	3.61	0.10
10/17/2013 11:05:31	14.39	3.60	0.12
10/17/2013 11:05:41	14.41	3.59	0.11
10/17/2013 11:05:51	14.43	3.58	0.12
10/17/2013 11:06:01	14.43	3.57	0.12
10/17/2013 11:06:11	14.43	3.57	0.12
10/17/2013 11:06:21	14.45	3.56	0.12

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 11:06:31	14.48	3.54	0.12
10/17/2013 11:06:41	14.49	3.54	0.12
10/17/2013 11:06:51	14.48	3.54	0.12
10/17/2013 11:07:01	14.47	3.54	0.12
10/17/2013 11:07:11	14.46	3.55	0.11
10/17/2013 11:07:21	14.45	3.56	0.11
10/17/2013 11:07:31	14.45	3.56	0.12
10/17/2013 11:07:41	14.43	3.57	0.12
10/17/2013 11:07:51	14.43	3.57	0.12
10/17/2013 11:08:01	14.42	3.57	0.11
10/17/2013 11:08:11	14.41	3.58	0.12
10/17/2013 11:08:21	14.40	3.58	0.11
10/17/2013 11:08:31	14.39	3.58	0.10
10/17/2013 11:08:41	14.37	3.59	0.10
10/17/2013 11:08:51	14.48	3.49	0.32
10/17/2013 11:09:01	2.09	0.26	0.01
10/17/2013 11:09:11	0.36	0.15	-0.01
10/17/2013 11:09:21	0.68	0.16	-0.01
10/17/2013 11:09:31	0.13	0.07	-0.01
10/17/2013 11:09:41	0.11	0.06	-0.01
10/17/2013 11:09:51	0.09	0.06	-0.02
10/17/2013 11:10:01	0.08	0.05	-0.04
10/17/2013 11:10:11	0.06	0.05	-0.04
10/17/2013 11:10:21	0.06	0.05	-0.05
10/17/2013 11:10:31	0.05	0.04	0.03
<b>N2 Zero</b>	<b>0.06</b>	<b>0.05</b>	<b>-0.02</b> cal bias
10/17/2013 11:10:41	8.83	2.90	0.02
10/17/2013 11:10:51	9.76	9.54	-0.06
10/17/2013 11:11:01	9.85	9.71	-0.06
10/17/2013 11:11:11	9.88	9.78	-0.06
10/17/2013 11:11:21	9.90	9.82	-0.06
10/17/2013 11:11:31	9.92	9.84	-0.06
10/17/2013 11:11:41	9.92	9.86	-0.07
10/17/2013 11:11:51	9.93	9.87	-0.06
10/17/2013 11:12:01	9.93	9.88	-0.05
10/17/2013 11:12:11	9.94	9.89	-0.05
<b>10.1/10.0 O2/CO2</b>	<b>9.93</b>	<b>9.88</b>	<b>-0.05</b>
10/17/2013 11:12:21	11.82	5.82	0.21
10/17/2013 11:12:31	14.46	3.68	0.22
10/17/2013 11:12:41	14.58	3.55	0.20
10/17/2013 11:12:51	14.62	3.50	0.19
10/17/2013 11:13:01	14.63	3.47	0.18
10/17/2013 11:13:11	14.66	3.45	0.17
10/17/2013 11:13:21	14.67	3.43	0.16
10/17/2013 11:13:31	14.66	3.43	0.15
10/17/2013 11:13:41	14.66	3.43	0.14
10/17/2013 11:13:51	14.67	3.42	0.14
10/17/2013 11:14:01	14.67	3.42	0.13
10/17/2013 11:14:11	14.67	3.42	0.11
10/17/2013 11:14:21	14.69	3.41	0.11
10/17/2013 11:14:31	14.69	3.41	0.11
10/17/2013 11:14:41	14.69	3.41	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:14:51	14.70	3.40	0.12
10/17/2013 11:15:01	14.70	3.40	0.11
10/17/2013 11:15:11	14.74	3.38	0.10
10/17/2013 11:15:21	14.76	3.36	0.10
10/17/2013 11:15:31	14.80	3.34	0.10
10/17/2013 11:15:41	14.83	3.32	0.10
10/17/2013 11:15:51	14.85	3.31	0.10
10/17/2013 11:16:01	14.85	3.31	0.08
10/17/2013 11:16:11	14.87	3.30	0.10
10/17/2013 11:16:21	14.88	3.30	0.12
10/17/2013 11:16:31	14.89	3.29	0.11
10/17/2013 11:16:41	14.89	3.29	0.10
10/17/2013 11:16:51	14.89	3.29	0.10
10/17/2013 11:17:01	14.89	3.29	0.10
10/17/2013 11:17:11	14.89	3.29	0.10
10/17/2013 11:17:21	14.90	3.29	0.11
10/17/2013 11:17:31	14.89	3.29	0.11
10/17/2013 11:17:41	14.89	3.29	0.10
10/17/2013 11:17:51	14.90	3.29	0.10
10/17/2013 11:18:01	14.89	3.29	0.10
10/17/2013 11:18:11	14.89	3.29	0.10
10/17/2013 11:18:21	14.89	3.29	0.10
10/17/2013 11:18:31	14.89	3.29	0.10
10/17/2013 11:18:41	14.90	3.28	0.10
10/17/2013 11:18:51	14.90	3.28	0.10
10/17/2013 11:19:01	14.89	3.29	0.10
10/17/2013 11:19:11	14.89	3.28	0.10
10/17/2013 11:19:21	14.88	3.29	0.10
10/17/2013 11:19:31	14.88	3.29	0.10
10/17/2013 11:19:41	14.88	3.31	0.09
10/17/2013 11:19:51	14.87	3.30	0.10
10/17/2013 11:20:01	14.86	3.31	0.10
10/17/2013 11:20:11	14.86	3.31	0.10
10/17/2013 11:20:21	14.86	3.31	0.10
10/17/2013 11:20:31	14.86	3.31	0.10
10/17/2013 11:20:41	14.87	3.30	0.10
10/17/2013 11:20:51	14.87	3.30	0.10
10/17/2013 11:21:01	14.88	3.30	0.10
10/17/2013 11:21:11	14.87	3.31	0.10
10/17/2013 11:21:21	14.88	3.30	0.10
10/17/2013 11:21:31	14.88	3.31	0.10
10/17/2013 11:21:41	14.88	3.31	0.10
10/17/2013 11:21:51	14.88	3.31	0.10
10/17/2013 11:22:01	14.89	3.30	0.10
10/17/2013 11:22:11	14.89	3.29	0.10
10/17/2013 11:22:21	14.88	3.29	0.10
10/17/2013 11:22:31	14.89	3.29	0.10
10/17/2013 11:22:41	14.89	3.29	0.10
10/17/2013 11:22:51	14.88	3.29	0.09
10/17/2013 11:23:01	14.89	3.29	0.10
10/17/2013 11:23:11	14.89	3.28	0.11
10/17/2013 11:23:21	14.90	3.28	0.12

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 11:23:31	14.91	3.27	0.12
10/17/2013 11:23:41	14.92	3.27	0.10
10/17/2013 11:23:51	14.92	3.27	0.10
10/17/2013 11:24:01	14.92	3.27	0.10
10/17/2013 11:24:11	14.92	3.28	0.10
10/17/2013 11:24:21	14.93	3.27	0.10
10/17/2013 11:24:31	14.93	3.27	0.10
10/17/2013 11:24:41	14.92	3.27	0.10
10/17/2013 11:24:51	14.92	3.27	0.10
10/17/2013 11:25:01	14.92	3.28	0.11
10/17/2013 11:25:11	14.92	3.28	0.11
10/17/2013 11:25:21	14.90	3.29	0.10
10/17/2013 11:25:31	14.92	3.27	0.09
10/17/2013 11:25:41	14.92	3.28	0.10
10/17/2013 11:25:51	14.91	3.28	0.11
10/17/2013 11:26:01	14.91	3.28	0.12
10/17/2013 11:26:11	14.90	3.28	0.12
10/17/2013 11:26:21	14.91	3.28	0.11
10/17/2013 11:26:31	14.90	3.29	0.10
10/17/2013 11:26:41	14.90	3.29	0.10
10/17/2013 11:26:51	14.90	3.28	0.10
10/17/2013 11:27:01	14.89	3.29	0.10
10/17/2013 11:27:11	14.89	3.29	0.10
10/17/2013 11:27:21	14.90	3.29	0.10
10/17/2013 11:27:31	14.89	3.29	0.10
10/17/2013 11:27:41	14.90	3.28	0.10
10/17/2013 11:27:51	14.90	3.29	0.10
10/17/2013 11:28:01	14.90	3.29	0.10
10/17/2013 11:28:11	14.90	3.28	0.10
10/17/2013 11:28:21	14.90	3.29	0.10
10/17/2013 11:28:31	14.90	3.29	0.09
10/17/2013 11:28:41	14.90	3.28	0.10
10/17/2013 11:28:51	14.90	3.29	0.10
10/17/2013 11:29:01	14.89	3.29	0.10
10/17/2013 11:29:11	14.90	3.28	0.10
10/17/2013 11:29:21	14.90	3.28	0.11
10/17/2013 11:29:31	14.91	3.27	0.10
10/17/2013 11:29:41	14.91	3.27	0.10
10/17/2013 11:29:51	14.89	3.28	0.10
10/17/2013 11:30:01	14.88	3.28	0.10
10/17/2013 11:30:11	14.88	3.28	0.11
10/17/2013 11:30:21	14.88	3.28	0.11
10/17/2013 11:30:31	14.88	3.29	0.10
10/17/2013 11:30:41	14.87	3.29	0.10
10/17/2013 11:30:51	14.88	3.28	0.11
10/17/2013 11:31:01	14.90	3.28	0.11
10/17/2013 11:31:11	14.89	3.28	0.10
10/17/2013 11:31:21	14.89	3.28	0.10
10/17/2013 11:31:31	14.90	3.27	0.10
10/17/2013 11:31:41	14.89	3.28	0.10
10/17/2013 11:31:51	14.88	3.29	0.09
10/17/2013 11:32:01	14.88	3.28	0.11



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:32:11	14.89	3.29	0.12
10/17/2013 11:32:21	14.89	3.28	0.10
10/17/2013 11:32:31	14.89	3.28	0.10
10/17/2013 11:32:41	14.89	3.28	0.10
10/17/2013 11:32:51	14.89	3.28	0.10
10/17/2013 11:33:01	14.90	3.28	0.10
10/17/2013 11:33:11	14.90	3.28	0.10
10/17/2013 11:33:21	14.90	3.27	0.10
10/17/2013 11:33:31	14.90	3.28	0.10
10/17/2013 11:33:41	14.89	3.29	0.10
10/17/2013 11:33:51	14.90	3.27	0.10
10/17/2013 11:34:01	14.91	3.26	0.10
10/17/2013 11:34:11	14.91	3.26	0.10
10/17/2013 11:34:21	14.91	3.26	0.10
10/17/2013 11:34:31	14.91	3.26	0.10
10/17/2013 11:34:41	14.92	3.26	0.10
10/17/2013 11:34:51	14.92	3.26	0.10
10/17/2013 11:35:01	14.92	3.26	0.10
10/17/2013 11:35:11	14.92	3.26	0.09
10/17/2013 11:35:21	14.93	3.25	0.10
10/17/2013 11:35:31	14.93	3.26	0.10
10/17/2013 11:35:41	14.92	3.26	0.10
10/17/2013 11:35:51	14.93	3.25	0.10
10/17/2013 11:36:01	14.91	3.27	0.10
10/17/2013 11:36:11	14.92	3.26	0.10
10/17/2013 11:36:21	14.93	3.26	0.09
10/17/2013 11:36:31	14.92	3.26	0.09
10/17/2013 11:36:41	14.92	3.26	0.10
10/17/2013 11:36:51	14.91	3.27	0.10
10/17/2013 11:37:01	14.90	3.27	0.10
10/17/2013 11:37:11	14.90	3.27	0.11
10/17/2013 11:37:21	14.91	3.26	0.10
10/17/2013 11:37:31	14.91	3.26	0.10
10/17/2013 11:37:41	14.92	3.26	0.10
10/17/2013 11:37:51	14.91	3.26	0.10
10/17/2013 11:38:01	14.92	3.26	0.11
10/17/2013 11:38:11	14.92	3.26	0.11
10/17/2013 11:38:21	14.91	3.27	0.11
10/17/2013 11:38:31	14.91	3.26	0.11
10/17/2013 11:38:41	14.91	3.26	0.11
10/17/2013 11:38:51	14.91	3.26	0.10
10/17/2013 11:39:01	14.90	3.27	0.10
10/17/2013 11:39:11	14.91	3.26	0.10
10/17/2013 11:39:21	14.91	3.26	0.09
10/17/2013 11:39:31	14.92	3.26	0.10
10/17/2013 11:39:41	14.93	3.25	0.10
10/17/2013 11:39:51	14.91	3.26	0.10
10/17/2013 11:40:01	14.90	3.27	0.10
10/17/2013 11:40:11	14.90	3.26	0.10
10/17/2013 11:40:21	14.90	3.27	0.10
10/17/2013 11:40:31	14.90	3.28	0.10
10/17/2013 11:40:41	14.90	3.28	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:40:51	14.90	3.28	0.10
10/17/2013 11:41:01	14.91	3.27	0.10
10/17/2013 11:41:11	14.91	3.28	0.10
10/17/2013 11:41:21	14.92	3.27	0.11
10/17/2013 11:41:31	14.91	3.29	0.10
10/17/2013 11:41:41	14.90	3.29	0.10
10/17/2013 11:41:51	14.90	3.29	0.10
10/17/2013 11:42:01	14.90	3.29	0.11
10/17/2013 11:42:11	14.89	3.29	0.11
10/17/2013 11:42:21	14.89	3.30	0.10
10/17/2013 11:42:31	14.88	3.29	0.10
10/17/2013 11:42:41	14.88	3.30	0.10
10/17/2013 11:42:51	14.89	3.29	0.10
10/17/2013 11:43:01	14.88	3.30	0.10
10/17/2013 11:43:11	14.89	3.29	0.09
10/17/2013 11:43:21	14.88	3.30	0.09
10/17/2013 11:43:31	14.88	3.30	0.09
10/17/2013 11:43:41	14.88	3.30	0.09
10/17/2013 11:43:51	14.87	3.30	0.10
10/17/2013 11:44:01	14.88	3.30	0.10
10/17/2013 11:44:11	14.89	3.29	0.10
10/17/2013 11:44:21	14.89	3.29	0.10
10/17/2013 11:44:31	14.89	3.29	0.10
10/17/2013 11:44:41	14.90	3.29	0.10
10/17/2013 11:44:51	14.90	3.28	0.12
10/17/2013 11:45:01	14.90	3.29	0.12
10/17/2013 11:45:11	14.90	3.28	0.10
10/17/2013 11:45:21	14.90	3.28	0.20
10/17/2013 11:45:31	14.90	3.28	0.23
10/17/2013 11:45:41	14.90	3.28	0.16
10/17/2013 11:45:51	14.90	3.28	0.14
10/17/2013 11:46:01	14.90	3.28	0.13
10/17/2013 11:46:11	14.90	3.29	0.15
10/17/2013 11:46:21	14.89	3.29	0.14
10/17/2013 11:46:31	14.89	3.29	0.12
10/17/2013 11:46:41	14.91	3.28	0.10
10/17/2013 11:46:51	14.91	3.28	0.09
10/17/2013 11:47:01	14.92	3.27	0.10
10/17/2013 11:47:11	14.92	3.28	0.10
10/17/2013 11:47:21	14.92	3.28	0.10
10/17/2013 11:47:31	14.96	3.25	0.10
10/17/2013 11:47:41	15.03	3.24	0.10
10/17/2013 11:47:51	15.02	3.30	0.11
10/17/2013 11:48:01	14.90	3.46	0.10
10/17/2013 11:48:11	14.71	3.65	0.10
10/17/2013 11:48:21	14.45	3.89	0.10
10/17/2013 11:48:31	14.20	4.09	0.14
10/17/2013 11:48:41	13.96	4.27	0.16
10/17/2013 11:48:51	13.76	4.42	0.14
10/17/2013 11:49:01	13.57	4.58	0.13
10/17/2013 11:49:11	13.42	4.71	0.11
10/17/2013 11:49:21	13.30	4.81	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:49:31	13.22	4.88	0.12
10/17/2013 11:49:41	13.12	4.95	0.11
10/17/2013 11:49:51	13.04	5.00	0.10
10/17/2013 11:50:01	12.98	5.05	0.09
10/17/2013 11:50:11	12.93	5.08	0.09
10/17/2013 11:50:21	12.89	5.11	0.10
10/17/2013 11:50:31	12.85	5.14	0.09
10/17/2013 11:50:41	12.83	5.16	0.08
10/17/2013 11:50:51	12.80	5.19	0.10
10/17/2013 11:51:01	12.78	5.20	0.09
10/17/2013 11:51:11	12.76	5.21	0.10
10/17/2013 11:51:21	12.74	5.24	0.09
10/17/2013 11:51:31	12.71	5.25	0.09
10/17/2013 11:51:41	12.66	5.29	0.08
10/17/2013 11:51:51	12.59	5.33	0.09
10/17/2013 11:52:01	12.52	5.36	0.09
10/17/2013 11:52:11	12.47	5.41	0.07
10/17/2013 11:52:21	12.41	5.44	0.07
10/17/2013 11:52:31	12.37	5.48	0.07
10/17/2013 11:52:41	12.31	5.51	0.08
10/17/2013 11:52:51	12.27	5.53	0.09
10/17/2013 11:53:01	12.25	5.55	0.08
10/17/2013 11:53:11	12.22	5.57	0.09
10/17/2013 11:53:21	12.21	5.58	0.09
10/17/2013 11:53:31	12.21	5.58	0.08
10/17/2013 11:53:41	12.23	5.56	0.09
10/17/2013 11:53:51	12.21	5.58	0.09
10/17/2013 11:54:01	12.21	5.58	0.09
10/17/2013 11:54:11	12.19	5.61	0.09
10/17/2013 11:54:21	12.18	5.61	0.09
10/17/2013 11:54:31	12.16	5.61	0.09
10/17/2013 11:54:41	12.16	5.61	0.09
10/17/2013 11:54:51	12.15	5.63	0.09
10/17/2013 11:55:01	12.17	5.61	0.08
10/17/2013 11:55:11	12.16	5.62	0.07
10/17/2013 11:55:21	12.15	5.62	0.08
10/17/2013 11:55:31	12.16	5.62	0.08
10/17/2013 11:55:41	12.14	5.63	0.08
10/17/2013 11:55:51	12.14	5.63	0.08
10/17/2013 11:56:01	12.15	5.62	0.08
10/17/2013 11:56:11	12.13	5.64	0.07
10/17/2013 11:56:21	12.12	5.65	0.07
10/17/2013 11:56:31	12.11	5.67	0.07
10/17/2013 11:56:41	12.11	5.66	0.09
10/17/2013 11:56:51	12.10	5.68	0.07
10/17/2013 11:57:01	12.13	5.66	0.07
10/17/2013 11:57:11	12.13	5.66	0.07
10/17/2013 11:57:21	12.15	5.67	0.07
10/17/2013 11:57:31	12.15	5.67	0.07
10/17/2013 11:57:41	12.14	5.68	0.07
10/17/2013 11:57:51	12.15	5.68	0.08
10/17/2013 11:58:01	12.13	5.69	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:58:11	12.12	5.70	0.08
10/17/2013 11:58:21	12.11	5.70	0.09
10/17/2013 11:58:31	12.10	5.71	0.08
10/17/2013 11:58:41	12.08	5.73	0.08
10/17/2013 11:58:51	12.04	5.76	0.08
10/17/2013 11:59:01	12.02	5.77	0.08
10/17/2013 11:59:11	12.01	5.79	0.08
10/17/2013 11:59:21	11.99	5.81	0.09
10/17/2013 11:59:31	11.98	5.81	0.10
10/17/2013 11:59:41	11.93	5.86	0.09
10/17/2013 11:59:51	11.88	5.89	0.10
10/17/2013 12:00:01	11.83	5.93	0.10
10/17/2013 12:00:11	11.77	5.97	0.10
10/17/2013 12:00:21	11.76	5.99	0.10
10/17/2013 12:00:31	11.71	6.03	0.09
10/17/2013 12:00:41	11.70	6.03	0.10
10/17/2013 12:00:51	11.69	6.05	0.09
10/17/2013 12:01:01	11.65	6.08	0.10
10/17/2013 12:01:11	11.64	6.10	0.10
10/17/2013 12:01:21	11.61	6.13	0.09
10/17/2013 12:01:31	11.57	6.16	0.08
10/17/2013 12:01:41	11.52	6.20	0.08
10/17/2013 12:01:51	11.52	6.20	0.08
10/17/2013 12:02:01	11.57	6.15	0.08
10/17/2013 12:02:11	11.67	6.07	0.08
10/17/2013 12:02:21	11.82	5.96	0.07
10/17/2013 12:02:31	11.93	5.90	0.08
10/17/2013 12:02:41	11.91	5.93	0.09
10/17/2013 12:02:51	11.84	6.01	0.08
10/17/2013 12:03:01	11.70	6.13	0.08
10/17/2013 12:03:11	11.62	6.18	0.08
10/17/2013 12:03:21	11.55	6.23	0.08
10/17/2013 12:03:31	11.55	6.20	0.07
10/17/2013 12:03:41	11.61	6.16	0.07
10/17/2013 12:03:51	11.71	6.08	0.08
10/17/2013 12:04:01	11.76	6.06	0.10
10/17/2013 12:04:11	11.67	6.16	0.10
10/17/2013 12:04:21	11.55	6.26	0.09
10/17/2013 12:04:31	11.39	6.38	0.08
10/17/2013 12:04:41	11.28	6.45	0.08
10/17/2013 12:04:51	11.20	6.51	0.08
10/17/2013 12:05:01	11.21	6.48	0.07
10/17/2013 12:05:11	11.25	6.45	0.09
10/17/2013 12:05:21	11.40	6.34	0.09
10/17/2013 12:05:31	11.48	6.30	0.08
10/17/2013 12:05:41	11.44	6.37	0.09
10/17/2013 12:05:51	11.35	6.48	0.09
10/17/2013 12:06:01	11.25	6.56	0.08
10/17/2013 12:06:11	11.20	6.60	0.08
10/17/2013 12:06:21	11.14	6.65	0.09
10/17/2013 12:06:31	11.17	6.62	0.08
10/17/2013 12:06:41	11.24	6.57	0.07

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 12:06:51	11.37	6.47	0.08
10/17/2013 12:07:01	11.44	6.43	0.10
10/17/2013 12:07:11	11.41	6.47	0.10
10/17/2013 12:07:21	11.31	6.55	0.10
10/17/2013 12:07:31	11.19	6.64	0.10
10/17/2013 12:07:41	11.14	6.65	0.09
10/17/2013 12:07:51	11.11	6.66	0.08
10/17/2013 12:08:01	11.17	6.60	0.08
10/17/2013 12:08:11	11.27	6.52	0.08
10/17/2013 12:08:21	11.40	6.43	0.07
10/17/2013 12:08:31	11.40	6.46	0.07
10/17/2013 12:08:41	11.25	6.58	0.07
10/17/2013 12:08:51	11.05	6.73	0.07
10/17/2013 12:09:01	10.84	6.88	0.07
10/17/2013 12:09:11	10.66	6.99	0.07
10/17/2013 12:09:21	10.51	7.08	0.07
10/17/2013 12:09:31	10.48	7.08	0.07
10/17/2013 12:09:41	10.51	7.05	0.07
10/17/2013 12:09:51	10.54	7.04	0.07
10/17/2013 12:10:01	10.49	7.08	0.07
10/17/2013 12:10:11	10.39	7.16	0.07
10/17/2013 12:10:21	10.29	7.22	0.07
10/17/2013 12:10:31	10.24	7.25	0.06
10/17/2013 12:10:41	10.22	7.27	0.06
10/17/2013 12:10:51	10.26	7.22	0.07
10/17/2013 12:11:01	10.40	7.12	0.07
10/17/2013 12:11:11	10.61	6.97	0.07
10/17/2013 12:11:21	10.78	6.88	0.08
10/17/2013 12:11:31	10.77	6.92	0.08
10/17/2013 12:11:41	10.73	6.95	0.08
10/17/2013 12:11:51	10.66	7.01	0.08
10/17/2013 12:12:01	10.58	7.05	0.08
10/17/2013 12:12:11	10.55	7.07	0.07
10/17/2013 12:12:21	10.58	7.03	0.07
10/17/2013 12:12:31	10.67	6.96	0.07
10/17/2013 12:12:41	10.79	6.87	0.08
10/17/2013 12:12:51	10.89	6.80	0.09
10/17/2013 12:13:01	10.85	6.86	0.22
10/17/2013 12:13:11	5.79	0.64	0.05
10/17/2013 12:13:21	0.27	0.25	-0.01
10/17/2013 12:13:31	0.18	0.19	-0.02
10/17/2013 12:13:41	0.13	0.14	-0.03
10/17/2013 12:13:51	0.12	0.13	-0.01
10/17/2013 12:14:01	7.62	5.94	3.04
10/17/2013 12:14:11	17.29	0.34	21.67
10/17/2013 12:14:21	20.10	0.15	24.50
10/17/2013 12:14:31	20.24	0.12	24.79
10/17/2013 12:14:41	20.33	0.09	24.90
10/17/2013 12:14:51	20.37	0.08	24.95
10/17/2013 12:15:01	20.40	0.08	24.80
10/17/2013 12:15:11	20.42	0.07	24.85
10/17/2013 12:15:21	20.43	0.06	24.65

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
10/17/2013 12:15:31	17.98	3.35	8.73
10/17/2013 12:15:41	3.35	0.25	0.74
10/17/2013 12:15:51	0.43	0.10	-0.02
10/17/2013 12:16:01	0.27	0.08	-0.05
10/17/2013 12:16:11	0.19	0.06	-0.07
10/17/2013 12:16:21	0.15	0.05	-0.07
10/17/2013 12:16:31	0.11	0.05	-0.07
10/17/2013 12:16:41	0.10	0.05	-0.06
<b>N2 Zero</b>	<b>0.12</b>	<b>0.05</b>	<b>-0.07</b> thc cal
10/17/2013 12:16:51	0.27	0.26	0.31
10/17/2013 12:17:01	10.96	0.81	18.55
10/17/2013 12:17:11	19.93	0.11	24.46
10/17/2013 12:17:21	20.21	0.08	24.75
10/17/2013 12:17:31	20.30	0.06	24.83
10/17/2013 12:17:41	20.35	0.05	24.88
10/17/2013 12:17:51	20.38	0.04	24.91
10/17/2013 12:18:01	20.41	0.04	24.94
10/17/2013 12:18:11	20.43	0.04	24.95
<b>24.7 propane</b>	<b>20.41</b>	<b>0.04</b>	<b>24.93</b>
10/17/2013 12:18:21	20.42	0.05	14.36
10/17/2013 12:18:31	16.30	1.78	13.87
10/17/2013 12:18:41	20.26	0.12	14.88
10/17/2013 12:18:51	20.35	0.07	15.03
10/17/2013 12:19:01	20.37	0.06	15.07
10/17/2013 12:19:11	20.38	0.05	15.08
10/17/2013 12:19:21	20.39	0.04	15.09
10/17/2013 12:19:31	20.40	0.04	15.10
<b>14.8 propane</b>	<b>20.39</b>	<b>0.04</b>	<b>15.09</b>
10/17/2013 12:19:41	20.40	0.03	11.54
10/17/2013 12:19:51	13.61	4.62	6.94
10/17/2013 12:20:01	20.28	0.13	8.41
10/17/2013 12:20:11	20.45	0.07	8.50
10/17/2013 12:20:21	20.47	0.06	8.52
10/17/2013 12:20:31	20.48	0.05	8.54
10/17/2013 12:20:41	20.48	0.04	8.54
10/17/2013 12:20:51	20.49	0.04	8.54
10/17/2013 12:21:01	20.49	0.03	8.55
<b>8.43 propane</b>	<b>20.49</b>	<b>0.04</b>	<b>8.54</b>
10/17/2013 12:21:11	20.42	0.15	4.18
10/17/2013 12:21:21	11.22	6.87	0.43
10/17/2013 12:21:31	10.76	6.96	0.32
10/17/2013 12:21:41	10.76	7.00	0.28
10/17/2013 12:21:51	10.65	7.10	0.26
10/17/2013 12:22:01	10.60	7.16	0.21
10/17/2013 12:22:11	10.52	7.22	0.17
10/17/2013 12:22:21	10.43	7.28	0.15
10/17/2013 12:22:31	10.39	7.30	0.14
10/17/2013 12:22:41	10.35	7.32	0.13
10/17/2013 12:22:51	10.31	7.36	0.13
10/17/2013 12:23:01	10.28	7.38	0.12
10/17/2013 12:23:11	10.24	7.41	0.12
10/17/2013 12:23:21	10.26	7.39	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:23:31	10.23	7.42	0.13
10/17/2013 12:23:41	10.23	7.42	0.13
10/17/2013 12:23:51	10.20	7.45	0.13
10/17/2013 12:24:01	10.17	7.47	0.13
10/17/2013 12:24:11	10.16	7.48	0.13
10/17/2013 12:24:21	10.20	7.43	0.13
10/17/2013 12:24:31	10.31	7.34	0.12
10/17/2013 12:24:41	10.48	7.22	0.14
10/17/2013 12:24:51	10.64	7.12	0.14
10/17/2013 12:25:01	10.70	7.11	0.13
10/17/2013 12:25:11	10.69	7.12	0.12
10/17/2013 12:25:21	10.63	7.19	0.11
10/17/2013 12:25:31	10.57	7.21	0.11
10/17/2013 12:25:41	10.56	7.20	0.10
10/17/2013 12:25:51	10.63	7.14	0.10
10/17/2013 12:26:01	10.75	7.04	0.10
10/17/2013 12:26:11	10.91	6.93	0.10
10/17/2013 12:26:21	11.01	6.86	0.13
10/17/2013 12:26:31	10.95	6.93	0.13
10/17/2013 12:26:41	10.87	6.98	0.11
10/17/2013 12:26:51	10.75	7.06	0.11
10/17/2013 12:27:01	10.69	7.09	0.12
10/17/2013 12:27:11	10.62	7.13	0.11
10/17/2013 12:27:21	10.68	7.07	0.10
10/17/2013 12:27:31	10.81	6.96	0.10
10/17/2013 12:27:41	10.93	6.87	0.10
10/17/2013 12:27:51	10.99	6.83	0.10
10/17/2013 12:28:01	10.94	6.90	0.10
10/17/2013 12:28:11	10.83	6.97	0.10
10/17/2013 12:28:21	10.72	7.05	0.11
10/17/2013 12:28:31	10.66	7.08	0.10
10/17/2013 12:28:41	10.59	7.13	0.11
10/17/2013 12:28:51	11.91	5.06	0.32
10/17/2013 12:29:01	20.17	0.39	0.41
10/17/2013 12:29:11	13.85	6.18	0.20
10/17/2013 12:29:21	11.12	6.74	0.17
10/17/2013 12:29:31	10.99	6.83	0.15
10/17/2013 12:29:41	10.87	6.92	0.14
10/17/2013 12:29:51	10.71	7.03	0.13
<b>Start Run 3B</b>			
10/17/2013 12:30:01	10.61	7.08	0.12
10/17/2013 12:30:11	10.57	7.11	0.12
10/17/2013 12:30:21	10.62	7.05	0.11
10/17/2013 12:30:31	10.72	6.96	0.11
10/17/2013 12:30:41	10.87	6.85	0.11
10/17/2013 12:30:51	10.92	6.84	0.10
10/17/2013 12:31:01	10.88	6.89	0.11
10/17/2013 12:31:11	10.81	6.95	0.11
10/17/2013 12:31:21	10.76	6.98	0.11
10/17/2013 12:31:31	10.69	7.02	0.11
10/17/2013 12:31:41	10.61	7.08	0.11
10/17/2013 12:31:51	10.53	7.12	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:32:01	10.51	7.13	0.10
10/17/2013 12:32:11	10.50	7.12	0.10
10/17/2013 12:32:21	10.59	7.04	0.10
10/17/2013 12:32:31	10.72	6.94	0.11
10/17/2013 12:32:41	10.85	6.86	0.11
10/17/2013 12:32:51	10.91	6.83	0.12
10/17/2013 12:33:01	10.87	6.88	0.11
10/17/2013 12:33:11	10.79	6.94	0.11
10/17/2013 12:33:21	10.70	6.99	0.11
10/17/2013 12:33:31	10.65	7.05	0.11
10/17/2013 12:33:41	10.64	7.04	0.11
10/17/2013 12:33:51	10.73	6.97	0.11
10/17/2013 12:34:01	10.84	6.88	0.11
10/17/2013 12:34:11	10.94	6.82	0.11
10/17/2013 12:34:21	10.95	6.83	0.11
10/17/2013 12:34:31	10.88	6.89	0.11
10/17/2013 12:34:41	10.81	6.96	0.12
10/17/2013 12:34:51	10.72	7.01	0.11
10/17/2013 12:35:01	10.66	7.06	0.10
10/17/2013 12:35:11	10.67	7.02	0.10
10/17/2013 12:35:21	10.75	6.96	0.10
10/17/2013 12:35:31	10.88	6.86	0.10
10/17/2013 12:35:41	10.97	6.82	0.11
10/17/2013 12:35:51	10.96	6.85	0.11
10/17/2013 12:36:01	10.86	6.94	0.10
10/17/2013 12:36:11	10.74	7.03	0.12
10/17/2013 12:36:21	10.68	7.07	0.10
10/17/2013 12:36:31	10.64	7.09	0.10
10/17/2013 12:36:41	10.67	7.05	0.10
10/17/2013 12:36:51	10.77	6.97	0.10
10/17/2013 12:37:01	10.91	6.86	0.10
10/17/2013 12:37:11	10.99	6.82	0.10
10/17/2013 12:37:21	10.94	6.88	0.10
10/17/2013 12:37:31	10.88	6.93	0.10
10/17/2013 12:37:41	10.77	7.01	0.10
10/17/2013 12:37:51	10.70	7.07	0.10
10/17/2013 12:38:01	10.64	7.09	0.12
10/17/2013 12:38:11	10.72	7.02	0.13
10/17/2013 12:38:21	10.81	6.94	0.12
10/17/2013 12:38:31	10.92	6.87	0.11
10/17/2013 12:38:41	10.95	6.87	0.11
10/17/2013 12:38:51	10.86	6.95	0.12
10/17/2013 12:39:01	10.76	7.02	0.11
10/17/2013 12:39:11	10.65	7.10	0.11
10/17/2013 12:39:21	10.57	7.15	0.11
10/17/2013 12:39:31	10.58	7.11	0.11
10/17/2013 12:39:41	10.65	7.07	0.11
10/17/2013 12:39:51	10.74	6.98	0.11
10/17/2013 12:40:01	10.84	6.92	0.12
10/17/2013 12:40:11	10.83	6.95	0.11
10/17/2013 12:40:21	10.74	7.02	0.10
10/17/2013 12:40:31	10.64	7.10	0.10



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:40:41	10.57	7.13	0.10
10/17/2013 12:40:51	10.54	7.16	0.10
10/17/2013 12:41:01	10.54	7.13	0.10
10/17/2013 12:41:11	10.61	7.10	0.09
10/17/2013 12:41:21	10.35	7.25	0.07
10/17/2013 12:41:31	10.41	7.24	0.07
10/17/2013 12:41:41	10.37	7.29	0.09
10/17/2013 12:41:51	10.29	7.36	0.09
10/17/2013 12:42:01	10.21	7.42	0.09
10/17/2013 12:42:11	10.14	7.46	0.09
10/17/2013 12:42:21	10.09	7.50	0.10
10/17/2013 12:42:31	10.05	7.54	0.11
10/17/2013 12:42:41	10.16	7.31	0.15
10/17/2013 12:42:51	12.30	5.73	0.17
10/17/2013 12:43:01	11.80	6.44	0.17
10/17/2013 12:43:11	11.13	6.90	0.16
10/17/2013 12:43:21	10.65	7.25	0.14
10/17/2013 12:43:31	10.65	7.21	0.13
10/17/2013 12:43:41	10.88	7.05	0.13
10/17/2013 12:43:51	11.13	6.87	0.14
10/17/2013 12:44:01	11.35	6.71	0.14
10/17/2013 12:44:11	11.50	6.60	0.14
10/17/2013 12:44:21	11.67	6.48	0.13
10/17/2013 12:44:31	11.77	6.41	0.14
10/17/2013 12:44:41	11.74	6.48	0.15
10/17/2013 12:44:51	12.27	5.79	0.17
10/17/2013 12:45:01	12.47	5.84	0.17
10/17/2013 12:45:11	12.52	5.84	0.15
10/17/2013 12:45:21	12.40	5.99	0.14
10/17/2013 12:45:31	12.27	6.08	0.12
10/17/2013 12:45:41	12.20	6.13	0.11
10/17/2013 12:45:51	12.13	6.17	0.11
10/17/2013 12:46:01	12.05	6.22	0.10
10/17/2013 12:46:11	11.94	6.28	0.12
10/17/2013 12:46:21	11.89	6.30	0.12
10/17/2013 12:46:31	11.91	6.26	0.12
10/17/2013 12:46:41	12.00	6.09	0.14
10/17/2013 12:46:51	12.06	6.03	0.13
10/17/2013 12:47:01	11.91	6.21	0.11
10/17/2013 12:47:11	11.75	6.36	0.11
10/17/2013 12:47:21	11.60	6.47	0.11
10/17/2013 12:47:31	11.53	6.51	0.11
10/17/2013 12:47:41	11.54	6.46	0.11
10/17/2013 12:47:51	11.66	6.36	0.10
10/17/2013 12:48:01	11.77	6.25	0.10
10/17/2013 12:48:11	11.92	6.14	0.10
10/17/2013 12:48:21	11.93	6.15	0.10
10/17/2013 12:48:31	11.80	6.25	0.10
10/17/2013 12:48:41	11.63	6.39	0.10
10/17/2013 12:48:51	11.45	6.52	0.10
10/17/2013 12:49:01	11.28	6.65	0.11
10/17/2013 12:49:11	11.21	6.67	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:49:21	11.20	6.67	0.12
10/17/2013 12:49:31	11.27	6.61	0.10
10/17/2013 12:49:41	11.27	6.63	0.10
10/17/2013 12:49:51	11.14	6.74	0.08
10/17/2013 12:50:01	11.00	6.85	0.08
10/17/2013 12:50:11	10.85	6.95	0.08
10/17/2013 12:50:21	10.79	6.99	0.09
10/17/2013 12:50:31	10.76	6.99	0.09
10/17/2013 12:50:41	10.83	6.95	0.09
10/17/2013 12:50:51	10.95	6.84	0.09
10/17/2013 12:51:01	11.10	6.74	0.10
10/17/2013 12:51:11	11.09	6.77	0.09
10/17/2013 12:51:21	11.03	6.82	0.09
10/17/2013 12:51:31	10.87	6.96	0.09
10/17/2013 12:51:41	10.80	7.00	0.08
10/17/2013 12:51:51	10.70	7.07	0.09
10/17/2013 12:52:01	10.73	7.03	0.09
10/17/2013 12:52:11	10.80	6.97	0.08
10/17/2013 12:52:21	10.92	6.88	0.08
10/17/2013 12:52:31	10.93	6.91	0.09
10/17/2013 12:52:41	10.89	6.95	0.09
10/17/2013 12:52:51	10.80	7.02	0.09
10/17/2013 12:53:01	10.70	7.09	0.09
10/17/2013 12:53:11	10.65	7.12	0.09
10/17/2013 12:53:21	10.69	7.07	0.10
10/17/2013 12:53:31	10.78	7.00	0.10
10/17/2013 12:53:41	10.92	6.90	0.10
10/17/2013 12:53:51	11.01	6.86	0.10
10/17/2013 12:54:01	10.97	6.93	0.10
10/17/2013 12:54:11	10.91	6.98	0.07
10/17/2013 12:54:21	10.79	7.07	0.07
10/17/2013 12:54:31	10.71	7.13	0.09
10/17/2013 12:54:41	10.70	7.12	0.10
10/17/2013 12:54:51	10.76	7.07	0.10
10/17/2013 12:55:01	10.84	6.99	0.10
10/17/2013 12:55:11	10.99	6.89	0.11
10/17/2013 12:55:21	11.04	6.87	0.10
10/17/2013 12:55:31	10.98	6.93	0.10
10/17/2013 12:55:41	10.91	6.98	0.10
10/17/2013 12:55:51	10.82	7.05	0.10
10/17/2013 12:56:01	10.74	7.10	0.10
10/17/2013 12:56:11	10.68	7.13	0.10
10/17/2013 12:56:21	10.75	7.07	0.08
10/17/2013 12:56:31	10.85	6.99	0.09
10/17/2013 12:56:41	10.99	6.89	0.09
10/17/2013 12:56:51	11.05	6.86	0.10
10/17/2013 12:57:01	11.02	6.89	0.10
10/17/2013 12:57:11	10.98	6.94	0.11
10/17/2013 12:57:21	10.87	7.01	0.12
10/17/2013 12:57:31	10.79	7.07	0.11
10/17/2013 12:57:41	10.73	7.11	0.11
10/17/2013 12:57:51	10.70	7.12	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:58:01	10.77	7.06	0.12
10/17/2013 12:58:11	10.88	6.97	0.12
10/17/2013 12:58:21	11.06	6.83	0.12
10/17/2013 12:58:31	11.13	6.81	0.12
10/17/2013 12:58:41	11.08	6.85	0.12
10/17/2013 12:58:51	11.04	6.88	0.12
10/17/2013 12:59:01	10.94	6.96	0.11
10/17/2013 12:59:11	10.89	6.99	0.11
10/17/2013 12:59:21	10.86	7.00	0.10
10/17/2013 12:59:31	10.94	6.92	0.09
10/17/2013 12:59:41	11.03	6.86	0.10
10/17/2013 12:59:51	11.15	6.76	0.10
10/17/2013 13:00:01	11.21	6.74	0.11
10/17/2013 13:00:11	11.17	6.77	0.10
10/17/2013 13:00:21	11.13	6.81	0.09
10/17/2013 13:00:31	11.08	6.83	0.09
10/17/2013 13:00:41	11.06	6.84	0.08
10/17/2013 13:00:51	11.03	6.84	0.08
10/17/2013 13:01:01	11.13	6.76	0.09
10/17/2013 13:01:11	11.22	6.67	0.10
10/17/2013 13:01:21	11.39	6.55	0.10
10/17/2013 13:01:31	11.45	6.53	0.11
10/17/2013 13:01:41	11.37	6.60	0.11
10/17/2013 13:01:51	11.28	6.68	0.11
10/17/2013 13:02:01	11.18	6.75	0.11
10/17/2013 13:02:11	11.11	6.80	0.10
10/17/2013 13:02:21	11.08	6.80	0.10
10/17/2013 13:02:31	11.15	6.74	0.10
10/17/2013 13:02:41	11.25	6.65	0.10
10/17/2013 13:02:51	11.37	6.56	0.10
10/17/2013 13:03:01	11.38	6.60	0.11
10/17/2013 13:03:11	11.30	6.66	0.11
10/17/2013 13:03:21	11.18	6.77	0.10
10/17/2013 13:03:31	11.06	6.84	0.10
10/17/2013 13:03:41	11.00	6.88	0.11
10/17/2013 13:03:51	11.01	6.86	0.11
10/17/2013 13:04:01	11.10	6.78	0.11
10/17/2013 13:04:11	11.21	6.69	0.10
10/17/2013 13:04:21	11.34	6.60	0.10
10/17/2013 13:04:31	11.36	6.61	0.10
10/17/2013 13:04:41	11.29	6.67	0.10
10/17/2013 13:04:51	11.20	6.74	0.09
10/17/2013 13:05:01	11.12	6.79	0.10
10/17/2013 13:05:11	11.05	6.83	0.09
10/17/2013 13:05:21	11.07	6.80	0.08
10/17/2013 13:05:31	11.13	6.76	0.08
10/17/2013 13:05:41	11.24	6.67	0.08
10/17/2013 13:05:51	11.30	6.65	0.10
10/17/2013 13:06:01	11.23	6.73	0.10
10/17/2013 13:06:11	11.10	6.82	0.10
10/17/2013 13:06:21	10.95	6.94	0.10
10/17/2013 13:06:31	10.85	7.01	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:06:41	10.77	7.06	0.10
10/17/2013 13:06:51	10.82	7.02	0.10
10/17/2013 13:07:01	10.91	6.94	0.10
10/17/2013 13:07:11	11.03	6.87	0.10
10/17/2013 13:07:21	11.10	6.83	0.10
10/17/2013 13:07:31	11.04	6.91	0.10
10/17/2013 13:07:41	10.96	6.97	0.10
10/17/2013 13:07:51	10.85	7.06	0.11
10/17/2013 13:08:01	10.79	7.11	0.12
10/17/2013 13:08:11	10.76	7.11	0.14
10/17/2013 13:08:21	10.83	7.06	0.13
10/17/2013 13:08:31	10.95	6.96	0.12
10/17/2013 13:08:41	11.09	6.85	0.12
10/17/2013 13:08:51	11.14	6.84	0.11
10/17/2013 13:09:01	11.09	6.88	0.11
10/17/2013 13:09:11	11.00	6.96	0.10
10/17/2013 13:09:21	10.92	7.00	0.10
10/17/2013 13:09:31	10.91	7.02	0.10
10/17/2013 13:09:41	10.86	7.04	0.10
10/17/2013 13:09:51	10.92	7.00	0.11
10/17/2013 13:10:01	11.01	6.91	0.11
10/17/2013 13:10:11	11.13	6.82	0.11
10/17/2013 13:10:21	11.11	6.86	0.10
10/17/2013 13:10:31	11.04	6.90	0.10
10/17/2013 13:10:41	10.97	6.98	0.10
10/17/2013 13:10:51	10.85	7.04	0.10
10/17/2013 13:11:01	10.81	7.07	0.09
10/17/2013 13:11:11	10.86	7.02	0.10
10/17/2013 13:11:21	10.95	6.95	0.10
10/17/2013 13:11:31	11.05	6.88	0.10
10/17/2013 13:11:41	11.15	6.82	0.10
10/17/2013 13:11:51	11.10	6.89	0.11
10/17/2013 13:12:01	10.99	6.98	0.11
10/17/2013 13:12:11	10.89	7.07	0.11
10/17/2013 13:12:21	10.80	7.14	0.11
10/17/2013 13:12:31	10.74	7.17	0.11
10/17/2013 13:12:41	10.78	7.13	0.11
10/17/2013 13:12:51	10.85	7.05	0.11
10/17/2013 13:13:01	10.99	6.94	0.11
10/17/2013 13:13:11	11.03	6.92	0.10
10/17/2013 13:13:21	10.99	6.96	0.10
10/17/2013 13:13:31	10.91	7.03	0.10
10/17/2013 13:13:41	10.77	7.12	0.10
10/17/2013 13:13:51	10.72	7.14	0.11
10/17/2013 13:14:01	10.68	7.15	0.11
10/17/2013 13:14:11	10.76	7.08	0.11
10/17/2013 13:14:21	10.83	7.03	0.11
10/17/2013 13:14:31	10.97	6.92	0.10
10/17/2013 13:14:41	10.98	6.94	0.10
10/17/2013 13:14:51	10.90	6.99	0.11
10/17/2013 13:15:01	10.79	7.07	0.10
10/17/2013 13:15:11	10.66	7.16	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:15:21	10.59	7.20	0.10
10/17/2013 13:15:31	10.54	7.21	0.09
10/17/2013 13:15:41	10.60	7.16	0.08
10/17/2013 13:15:51	10.72	7.05	0.08
10/17/2013 13:16:01	10.85	6.98	0.09
10/17/2013 13:16:11	10.86	7.00	0.09
10/17/2013 13:16:21	10.75	7.08	0.09
10/17/2013 13:16:31	10.67	7.16	0.10
10/17/2013 13:16:41	10.59	7.21	0.10
10/17/2013 13:16:51	10.49	7.30	0.10
10/17/2013 13:17:01	10.50	7.27	0.10
10/17/2013 13:17:11	10.56	7.22	0.10
10/17/2013 13:17:21	10.70	7.11	0.10
10/17/2013 13:17:31	10.81	7.05	0.10
10/17/2013 13:17:41	10.78	7.09	0.10
10/17/2013 13:17:51	10.71	7.16	0.10
10/17/2013 13:18:01	10.59	7.27	0.11
10/17/2013 13:18:11	10.50	7.32	0.10
10/17/2013 13:18:21	10.45	7.34	0.11
10/17/2013 13:18:31	10.51	7.28	0.12
10/17/2013 13:18:41	10.60	7.21	0.11
10/17/2013 13:18:51	10.75	7.09	0.13
10/17/2013 13:19:01	10.85	7.03	0.13
10/17/2013 13:19:11	10.80	7.07	0.13
10/17/2013 13:19:21	10.73	7.12	0.13
10/17/2013 13:19:31	10.64	7.19	0.12
10/17/2013 13:19:41	10.55	7.25	0.10
10/17/2013 13:19:51	10.46	7.29	0.10
10/17/2013 13:20:01	10.50	7.24	0.10
10/17/2013 13:20:11	10.59	7.17	0.10
10/17/2013 13:20:21	10.71	7.08	0.10
10/17/2013 13:20:31	10.75	7.09	0.10
10/17/2013 13:20:41	10.68	7.15	0.10
10/17/2013 13:20:51	10.60	7.22	0.11
10/17/2013 13:21:01	10.48	7.30	0.11
10/17/2013 13:21:11	10.38	7.36	0.10
10/17/2013 13:21:21	10.34	7.37	0.10
10/17/2013 13:21:31	10.42	7.30	0.10
10/17/2013 13:21:41	10.52	7.22	0.10
10/17/2013 13:21:51	10.65	7.14	0.10
10/17/2013 13:22:01	10.66	7.15	0.10
10/17/2013 13:22:11	10.62	7.20	0.10
10/17/2013 13:22:21	10.54	7.27	0.10
10/17/2013 13:22:31	10.42	7.34	0.08
10/17/2013 13:22:41	10.39	7.36	0.09
10/17/2013 13:22:51	10.40	7.33	0.10
10/17/2013 13:23:01	10.51	7.25	0.10
10/17/2013 13:23:11	10.65	7.13	0.10
10/17/2013 13:23:21	10.79	7.04	0.09
10/17/2013 13:23:31	10.80	7.06	0.09
10/17/2013 13:23:41	10.72	7.12	0.09
10/17/2013 13:23:51	10.62	7.20	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:24:01	10.53	7.25	0.09
10/17/2013 13:24:11	10.50	7.28	0.08
10/17/2013 13:24:21	10.52	7.24	0.10
10/17/2013 13:24:31	10.59	7.19	0.10
10/17/2013 13:24:41	10.73	7.08	0.10
10/17/2013 13:24:51	10.83	7.03	0.10
10/17/2013 13:25:01	10.79	7.07	0.10
10/17/2013 13:25:11	10.70	7.15	0.10
10/17/2013 13:25:21	10.58	7.23	0.10
10/17/2013 13:25:31	10.50	7.29	0.09
10/17/2013 13:25:41	10.42	7.34	0.08
10/17/2013 13:25:51	10.44	7.30	0.09
10/17/2013 13:26:01	10.53	7.22	0.09
10/17/2013 13:26:11	10.67	7.12	0.10
10/17/2013 13:26:21	10.72	7.11	0.09
10/17/2013 13:26:31	10.68	7.16	0.09
10/17/2013 13:26:41	10.61	7.21	0.09
10/17/2013 13:26:51	10.47	7.32	0.09
10/17/2013 13:27:01	10.37	7.38	0.09
10/17/2013 13:27:11	10.31	7.42	0.09
10/17/2013 13:27:21	10.38	7.35	0.07
10/17/2013 13:27:31	10.47	7.27	0.08
10/17/2013 13:27:41	10.60	7.20	0.09
10/17/2013 13:27:51	10.62	7.20	0.10
10/17/2013 13:28:01	10.54	7.29	0.10
10/17/2013 13:28:11	10.48	7.32	0.10
10/17/2013 13:28:21	10.37	7.42	0.10
10/17/2013 13:28:31	10.33	7.45	0.09
10/17/2013 13:28:41	10.30	7.46	0.10
10/17/2013 13:28:51	10.37	7.39	0.09
10/17/2013 13:29:01	10.45	7.32	0.09
10/17/2013 13:29:11	10.59	7.22	0.10
10/17/2013 13:29:21	10.64	7.21	0.10
10/17/2013 13:29:31	10.64	7.22	0.10
10/17/2013 13:29:41	10.55	7.31	0.10
10/17/2013 13:29:51	10.41	7.42	0.10
10/17/2013 13:30:01	10.30	7.48	0.10
10/17/2013 13:30:11	10.25	7.50	0.10
10/17/2013 13:30:21	10.30	7.45	0.10
10/17/2013 13:30:31	10.42	7.36	0.10
10/17/2013 13:30:41	10.59	7.24	0.11
10/17/2013 13:30:51	10.68	7.19	0.10
10/17/2013 13:31:01	10.70	7.18	0.10
10/17/2013 13:31:11	10.65	7.24	0.10
10/17/2013 13:31:21	10.60	7.27	0.09
10/17/2013 13:31:31	10.55	7.31	0.10
10/17/2013 13:31:41	10.47	7.36	0.10
10/17/2013 13:31:51	10.42	7.39	0.10
10/17/2013 13:32:01	10.39	7.42	0.09
10/17/2013 13:32:11	10.33	7.45	0.10
10/17/2013 13:32:21	10.32	7.44	0.10
10/17/2013 13:32:31	10.37	7.39	0.10

	O2 (%)	CO2 (%)	THC (ppm)
<b>24 Hour time</b>			
10/17/2013 13:32:41	10.47	7.32	0.10
10/17/2013 13:32:51	10.62	7.22	0.10
10/17/2013 13:33:01	10.70	7.17	0.10
10/17/2013 13:33:11	10.67	7.23	0.10
10/17/2013 13:33:21	10.59	7.31	0.10
10/17/2013 13:33:31	10.45	7.42	0.11
10/17/2013 13:33:41	10.38	7.46	0.10
10/17/2013 13:33:51	10.32	7.49	0.09
10/17/2013 13:34:01	10.38	7.44	0.11
10/17/2013 13:34:11	10.49	7.33	0.11
10/17/2013 13:34:21	10.66	7.23	0.11
10/17/2013 13:34:31	10.69	7.23	0.11
10/17/2013 13:34:41	10.61	7.32	0.11
10/17/2013 13:34:51	10.53	7.39	0.11
10/17/2013 13:35:01	10.39	7.49	0.11
10/17/2013 13:35:11	10.32	7.54	0.11
10/17/2013 13:35:21	10.28	7.55	0.12
10/17/2013 13:35:31	10.37	7.46	0.12
10/17/2013 13:35:41	10.46	7.38	0.10
10/17/2013 13:35:51	10.59	7.29	0.12
10/17/2013 13:36:01	10.61	7.29	0.39
<b>25A Drift Check</b>			
10/17/2013 13:36:11	4.49	0.58	0.06
10/17/2013 13:36:21	0.24	0.25	-0.03
10/17/2013 13:36:31	0.14	0.17	-0.02
10/17/2013 13:36:41	0.11	0.14	-0.02
10/17/2013 13:36:51	0.10	0.13	-0.03
10/17/2013 13:37:01	0.07	0.11	-0.03
10/17/2013 13:37:11	0.06	0.10	-0.03
10/17/2013 13:37:21	0.05	0.09	-0.03
10/17/2013 13:37:31	0.04	0.08	-0.02
<b>N2 Zero</b>	<b>0.05</b>	<b>0.09</b>	<b>-0.02</b>
10/17/2013 13:37:41	1.47	1.80	0.42
10/17/2013 13:37:51	12.44	0.73	10.91
10/17/2013 13:38:01	19.87	0.14	14.15
10/17/2013 13:38:11	20.09	0.10	14.36
10/17/2013 13:38:21	20.17	0.09	14.49
10/17/2013 13:38:31	20.24	0.07	14.61
10/17/2013 13:38:41	20.26	0.07	14.68
10/17/2013 13:38:51	20.29	0.06	14.71
10/17/2013 13:39:01	20.30	0.06	14.77
10/17/2013 13:39:11	20.32	0.06	14.80
10/17/2013 13:39:21	20.33	0.05	14.83
<b>14.8 propane</b>	<b>20.32</b>	<b>0.05</b>	<b>14.80</b>
10/17/2013 13:39:31	20.34	0.05	14.34
10/17/2013 13:39:41	17.65	4.04	2.65
10/17/2013 13:39:51	11.16	6.88	0.37
10/17/2013 13:40:01	10.84	7.05	0.30
10/17/2013 13:40:11	10.67	7.20	0.26
10/17/2013 13:40:21	10.51	7.30	0.22
10/17/2013 13:40:31	10.43	7.35	0.19
10/17/2013 13:40:41	10.38	7.37	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
<b>End 25A Drift Check</b>			
10/17/2013 13:40:51	10.46	7.30	0.15
10/17/2013 13:41:01	10.55	7.22	0.14
10/17/2013 13:41:11	10.67	7.13	0.14
10/17/2013 13:41:21	10.76	7.08	0.14
10/17/2013 13:41:31	10.68	7.15	0.14
10/17/2013 13:41:41	10.58	7.24	0.13
10/17/2013 13:41:51	10.45	7.32	0.12
10/17/2013 13:42:01	10.40	7.36	0.12
10/17/2013 13:42:11	10.37	7.36	0.11
10/17/2013 13:42:21	10.45	7.29	0.11
10/17/2013 13:42:31	10.59	7.19	0.12
10/17/2013 13:42:41	10.71	7.11	0.12
10/17/2013 13:42:51	10.73	7.12	0.12
10/17/2013 13:43:01	10.63	7.20	0.11
10/17/2013 13:43:11	10.53	7.28	0.12
10/17/2013 13:43:21	10.42	7.36	0.12
10/17/2013 13:43:31	10.36	7.39	0.12
10/17/2013 13:43:41	10.34	7.38	0.12
10/17/2013 13:43:51	10.41	7.31	0.11
10/17/2013 13:44:01	10.54	7.21	0.10
10/17/2013 13:44:11	10.65	7.16	0.11
10/17/2013 13:44:21	10.61	7.21	0.10
10/17/2013 13:44:31	10.50	7.29	0.11
10/17/2013 13:44:41	10.37	7.40	0.12
10/17/2013 13:44:51	10.24	7.46	0.11
10/17/2013 13:45:01	10.20	7.48	0.10
10/17/2013 13:45:11	10.18	7.48	0.10
10/17/2013 13:45:21	10.28	7.40	0.12
10/17/2013 13:45:31	10.42	7.29	0.12
10/17/2013 13:45:41	10.53	7.23	0.12
10/17/2013 13:45:51	10.53	7.24	0.13
10/17/2013 13:46:01	10.46	7.29	0.12
10/17/2013 13:46:11	10.38	7.35	0.12
10/17/2013 13:46:21	10.28	7.43	0.12
10/17/2013 13:46:31	10.23	7.46	0.12
10/17/2013 13:46:41	10.24	7.43	0.13
10/17/2013 13:46:51	10.33	7.36	0.12
10/17/2013 13:47:01	10.47	7.25	0.12
10/17/2013 13:47:11	10.62	7.15	0.12
10/17/2013 13:47:21	10.64	7.16	0.13
10/17/2013 13:47:31	10.56	7.23	0.13
10/17/2013 13:47:41	10.47	7.31	0.12
10/17/2013 13:47:51	10.33	7.40	0.13
10/17/2013 13:48:01	10.26	7.45	0.14
10/17/2013 13:48:11	10.25	7.43	0.14
10/17/2013 13:48:21	10.30	7.39	0.12
10/17/2013 13:48:31	10.44	7.28	0.11
10/17/2013 13:48:41	10.58	7.19	0.11
10/17/2013 13:48:51	10.60	7.20	0.11
10/17/2013 13:49:01	10.54	7.24	0.12
10/17/2013 13:49:11	10.47	7.28	0.11



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:49:21	10.41	7.33	0.11
10/17/2013 13:49:31	10.39	7.33	0.13
10/17/2013 13:49:41	10.36	7.35	0.12
10/17/2013 13:49:51	10.31	7.37	0.12
10/17/2013 13:50:01	10.28	7.40	0.12
10/17/2013 13:50:11	10.26	7.39	0.11
10/17/2013 13:50:21	10.25	7.39	0.11
10/17/2013 13:50:31	10.23	7.40	0.12
10/17/2013 13:50:41	10.22	7.42	0.12
10/17/2013 13:50:51	10.17	7.44	0.12
10/17/2013 13:51:01	10.17	7.44	0.11
10/17/2013 13:51:11	10.22	7.39	0.11
10/17/2013 13:51:21	10.33	7.32	0.12
10/17/2013 13:51:31	10.45	7.23	0.11
10/17/2013 13:51:41	10.62	7.11	0.11
10/17/2013 13:51:51	10.62	7.14	0.10
10/17/2013 13:52:01	10.56	7.19	0.10
10/17/2013 13:52:11	10.45	7.28	0.10
10/17/2013 13:52:21	10.35	7.34	0.11
10/17/2013 13:52:31	10.30	7.36	0.10
10/17/2013 13:52:41	10.31	7.34	0.11
10/17/2013 13:52:51	10.40	7.27	0.12
10/17/2013 13:53:01	10.54	7.16	0.12
10/17/2013 13:53:11	10.64	7.12	0.12
10/17/2013 13:53:21	10.58	7.17	0.12
10/17/2013 13:53:31	10.49	7.25	0.12
10/17/2013 13:53:41	10.37	7.35	0.12
10/17/2013 13:53:51	10.28	7.40	0.11
10/17/2013 13:54:01	10.20	7.46	0.10
10/17/2013 13:54:11	10.24	7.42	0.11
10/17/2013 13:54:21	10.34	7.33	0.12
10/17/2013 13:54:31	10.49	7.23	0.11
10/17/2013 13:54:41	10.53	7.23	0.11
10/17/2013 13:54:51	10.48	7.27	0.11
10/17/2013 13:55:01	10.39	7.35	0.11
10/17/2013 13:55:11	10.29	7.42	0.11
10/17/2013 13:55:21	10.23	7.47	0.10
10/17/2013 13:55:31	10.21	7.46	0.10
10/17/2013 13:55:41	10.29	7.40	0.10
10/17/2013 13:55:51	10.43	7.28	0.10
10/17/2013 13:56:01	10.55	7.21	0.10
10/17/2013 13:56:11	10.56	7.23	0.10
10/17/2013 13:56:21	10.52	7.26	0.10
10/17/2013 13:56:31	10.38	7.38	0.10
10/17/2013 13:56:41	10.29	7.44	0.10
10/17/2013 13:56:51	10.22	7.48	0.09
10/17/2013 13:57:01	10.23	7.46	0.10
10/17/2013 13:57:11	10.33	7.38	0.10
10/17/2013 13:57:21	10.46	7.28	0.10
10/17/2013 13:57:31	10.57	7.21	0.10
10/17/2013 13:57:41	10.54	7.25	0.10
10/17/2013 13:57:51	10.46	7.32	0.10

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 13:58:01	10.31	7.44	0.10
10/17/2013 13:58:11	10.22	7.50	0.10
10/17/2013 13:58:21	10.16	7.54	0.10
10/17/2013 13:58:31	10.20	7.49	0.10
10/17/2013 13:58:41	10.28	7.41	0.11
10/17/2013 13:58:51	10.42	7.30	0.11
10/17/2013 13:59:01	10.49	7.27	0.10
10/17/2013 13:59:11	10.40	7.34	0.11
10/17/2013 13:59:21	10.32	7.40	0.11
10/17/2013 13:59:31	10.25	7.44	0.10
10/17/2013 13:59:41	10.17	7.48	0.10
10/17/2013 13:59:51	10.13	7.50	0.10
10/17/2013 14:00:01	10.18	7.45	0.10
10/17/2013 14:00:11	10.29	7.36	0.10
10/17/2013 14:00:21	10.45	7.25	0.10
10/17/2013 14:00:31	10.49	7.25	0.10
10/17/2013 14:00:41	10.43	7.30	0.10
10/17/2013 14:00:51	10.36	7.36	0.11
10/17/2013 14:01:01	10.25	7.44	0.10
10/17/2013 14:01:11	10.18	7.49	0.10
10/17/2013 14:01:21	10.17	7.47	0.10
10/17/2013 14:01:31	10.24	7.42	0.10
10/17/2013 14:01:41	10.34	7.34	0.10
10/17/2013 14:01:51	10.46	7.26	0.10
10/17/2013 14:02:01	10.46	7.29	0.10
10/17/2013 14:02:11	10.36	7.37	0.10
10/17/2013 14:02:21	10.25	7.46	0.10
10/17/2013 14:02:31	10.10	7.56	0.10
10/17/2013 14:02:41	10.01	7.63	0.10
10/17/2013 14:02:51	10.00	7.62	0.11
10/17/2013 14:03:01	10.07	7.57	0.10
10/17/2013 14:03:11	10.20	7.47	0.11
10/17/2013 14:03:21	10.32	7.41	0.11
10/17/2013 14:03:31	10.31	7.44	0.10
10/17/2013 14:03:41	10.22	7.50	0.10
10/17/2013 14:03:51	10.13	7.57	0.09
10/17/2013 14:04:01	10.04	7.62	0.11
10/17/2013 14:04:11	9.98	7.66	0.10
10/17/2013 14:04:21	9.99	7.63	0.10
10/17/2013 14:04:31	10.07	7.56	0.10
10/17/2013 14:04:41	10.22	7.44	0.10
10/17/2013 14:04:51	10.32	7.38	0.10
10/17/2013 14:05:01	10.30	7.42	0.10
10/17/2013 14:05:11	10.25	7.46	0.10
10/17/2013 14:05:21	10.12	7.55	0.10
10/17/2013 14:05:31	10.03	7.61	0.10
10/17/2013 14:05:41	9.99	7.63	0.10
10/17/2013 14:05:51	10.04	7.58	0.10
10/17/2013 14:06:01	10.11	7.52	0.10
10/17/2013 14:06:11	10.25	7.43	0.10
10/17/2013 14:06:21	10.29	7.40	0.09
10/17/2013 14:06:31	10.23	7.47	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:06:41	10.16	7.52	0.09
10/17/2013 14:06:51	10.03	7.61	0.08
10/17/2013 14:07:01	9.98	7.64	0.10
10/17/2013 14:07:11	9.94	7.66	0.10
10/17/2013 14:07:21	10.01	7.60	0.10
10/17/2013 14:07:31	10.11	7.52	0.10
10/17/2013 14:07:41	10.26	7.41	0.10
10/17/2013 14:07:51	10.29	7.42	0.10
10/17/2013 14:08:01	10.22	7.47	0.10
10/17/2013 14:08:11	10.13	7.54	0.10
10/17/2013 14:08:21	10.02	7.61	0.11
10/17/2013 14:08:31	9.96	7.65	0.10
10/17/2013 14:08:41	9.93	7.66	0.10
10/17/2013 14:08:51	9.98	7.62	0.10
10/17/2013 14:09:01	10.10	7.51	0.10
10/17/2013 14:09:11	10.24	7.42	0.11
10/17/2013 14:09:21	10.27	7.43	0.12
10/17/2013 14:09:31	10.20	7.48	0.11
10/17/2013 14:09:41	10.10	7.57	0.11
10/17/2013 14:09:51	9.96	7.65	0.11
10/17/2013 14:10:01	9.89	7.69	0.11
10/17/2013 14:10:11	9.91	7.65	0.10
10/17/2013 14:10:21	9.99	7.59	0.10
10/17/2013 14:10:31	10.11	7.50	0.09
10/17/2013 14:10:41	10.25	7.41	0.10
10/17/2013 14:10:51	10.26	7.42	0.10
10/17/2013 14:11:01	10.18	7.50	0.10
10/17/2013 14:11:11	10.06	7.60	0.11
10/17/2013 14:11:21	9.93	7.68	0.11
10/17/2013 14:11:31	9.85	7.74	0.10
10/17/2013 14:11:41	9.84	7.73	0.10
10/17/2013 14:11:51	9.89	7.69	0.10
10/17/2013 14:12:01	9.97	7.63	0.10
10/17/2013 14:12:11	10.06	7.59	0.12
10/17/2013 14:12:21	10.06	7.61	0.11
10/17/2013 14:12:31	9.99	7.66	0.11
10/17/2013 14:12:41	9.95	7.70	0.10
10/17/2013 14:12:51	9.90	7.73	0.10
10/17/2013 14:13:01	9.89	7.73	0.12
10/17/2013 14:13:11	9.85	7.77	0.12
10/17/2013 14:13:21	9.79	7.81	0.13
10/17/2013 14:13:31	9.68	7.93	0.14
10/17/2013 14:13:41	9.57	8.02	0.13
10/17/2013 14:13:51	9.50	8.07	0.13
10/17/2013 14:14:01	9.56	8.03	0.12
10/17/2013 14:14:11	9.67	7.94	0.12
10/17/2013 14:14:21	9.90	7.79	0.13
10/17/2013 14:14:31	10.02	7.73	0.14
10/17/2013 14:14:41	10.03	7.74	0.14
10/17/2013 14:14:51	10.00	7.78	0.14
10/17/2013 14:15:01	9.93	7.82	0.13
10/17/2013 14:15:11	9.92	7.82	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:15:21	9.95	7.78	0.13
10/17/2013 14:15:31	10.09	7.66	0.14
10/17/2013 14:15:41	10.23	7.56	0.13
10/17/2013 14:15:51	10.40	7.43	0.13
10/17/2013 14:16:01	10.46	7.40	0.13
10/17/2013 14:16:11	10.41	7.45	0.13
10/17/2013 14:16:21	10.29	7.54	0.11
10/17/2013 14:16:31	10.17	7.61	0.13
10/17/2013 14:16:41	10.11	7.64	0.12
10/17/2013 14:16:51	10.11	7.62	0.12
10/17/2013 14:17:01	10.19	7.55	0.11
10/17/2013 14:17:11	10.34	7.43	0.11
10/17/2013 14:17:21	10.45	7.36	0.11
10/17/2013 14:17:31	10.44	7.38	0.11
10/17/2013 14:17:41	10.37	7.43	0.11
10/17/2013 14:17:51	10.26	7.52	0.12
10/17/2013 14:18:01	10.15	7.58	0.11
10/17/2013 14:18:11	10.09	7.61	0.11
10/17/2013 14:18:21	10.13	7.56	0.11
10/17/2013 14:18:31	10.23	7.49	0.11
10/17/2013 14:18:41	10.34	7.39	0.10
10/17/2013 14:18:51	10.44	7.35	0.10
10/17/2013 14:19:01	10.39	7.40	0.09
10/17/2013 14:19:11	10.33	7.44	0.10
10/17/2013 14:19:21	10.21	7.53	0.10
10/17/2013 14:19:31	10.19	7.53	0.10
10/17/2013 14:19:41	10.13	7.57	0.10
10/17/2013 14:19:51	10.15	7.52	0.10
10/17/2013 14:20:01	10.24	7.46	0.10
10/17/2013 14:20:11	10.42	7.32	0.10
10/17/2013 14:20:21	10.50	7.27	0.10
10/17/2013 14:20:31	10.44	7.34	0.10
10/17/2013 14:20:41	10.34	7.42	0.10
10/17/2013 14:20:51	10.18	7.53	0.10
10/17/2013 14:21:01	10.10	7.59	0.10
10/17/2013 14:21:11	10.01	7.63	0.10
10/17/2013 14:21:21	10.05	7.60	0.10
10/17/2013 14:21:31	10.14	7.52	0.10
10/17/2013 14:21:41	10.29	7.41	0.10
10/17/2013 14:21:51	10.33	7.42	0.10
10/17/2013 14:22:01	10.23	7.50	0.10
10/17/2013 14:22:11	10.13	7.57	0.10
10/17/2013 14:22:21	10.02	7.63	0.10
10/17/2013 14:22:31	9.97	7.67	0.10
10/17/2013 14:22:41	9.97	7.65	0.10
10/17/2013 14:22:51	10.05	7.57	0.10
10/17/2013 14:23:01	10.20	7.47	0.10
10/17/2013 14:23:11	10.34	7.37	0.10
10/17/2013 14:23:21	10.36	7.39	0.10
10/17/2013 14:23:31	10.29	7.44	0.10
10/17/2013 14:23:41	10.17	7.54	0.10
10/17/2013 14:23:51	10.06	7.60	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:24:01	10.01	7.62	0.10
10/17/2013 14:24:11	10.03	7.58	0.10
10/17/2013 14:24:21	10.14	7.51	0.10
10/17/2013 14:24:31	10.30	7.38	0.11
10/17/2013 14:24:41	10.46	7.27	0.11
10/17/2013 14:24:51	10.54	7.23	0.11
10/17/2013 14:25:01	10.54	7.23	0.11
10/17/2013 14:25:11	10.54	7.24	0.11
10/17/2013 14:25:21	10.52	7.24	0.10
10/17/2013 14:25:31	10.54	7.22	0.09
10/17/2013 14:25:41	10.57	7.17	0.09
10/17/2013 14:25:51	10.68	7.08	0.09
10/17/2013 14:26:01	10.81	6.98	0.09
10/17/2013 14:26:11	10.96	6.87	0.10
10/17/2013 14:26:21	11.00	6.86	0.10
10/17/2013 14:26:31	10.91	6.95	0.11
10/17/2013 14:26:41	10.81	7.03	0.10
10/17/2013 14:26:51	10.64	7.14	0.09
10/17/2013 14:27:01	10.59	7.16	0.10
10/17/2013 14:27:11	10.53	7.19	0.10
10/17/2013 14:27:21	10.58	7.13	0.10
10/17/2013 14:27:31	10.71	7.03	0.10
10/17/2013 14:27:41	10.83	6.94	0.09
10/17/2013 14:27:51	10.89	6.91	0.09
10/17/2013 14:28:01	10.83	6.97	0.09
10/17/2013 14:28:11	10.73	7.04	0.12
10/17/2013 14:28:21	10.62	7.12	0.10
10/17/2013 14:28:31	10.55	7.15	0.10
10/17/2013 14:28:41	10.50	7.17	0.10
10/17/2013 14:28:51	10.58	7.10	0.09
10/17/2013 14:29:01	10.65	7.03	0.09
10/17/2013 14:29:11	10.79	6.93	0.10
10/17/2013 14:29:21	10.86	6.90	0.10
10/17/2013 14:29:31	10.87	6.91	0.10
10/17/2013 14:29:41	10.77	6.99	0.10
10/17/2013 14:29:51	10.67	7.06	0.10
10/17/2013 14:30:01	10.56	7.13	0.10
10/17/2013 14:30:11	10.49	7.17	0.10
10/17/2013 14:30:21	10.51	7.14	0.10
10/17/2013 14:30:31	10.60	7.06	0.10
10/17/2013 14:30:41	10.72	6.97	0.09
10/17/2013 14:30:51	10.86	6.88	0.09
10/17/2013 14:31:01	10.87	6.89	0.09
10/17/2013 14:31:11	10.83	6.93	0.09
10/17/2013 14:31:21	10.79	6.97	0.10
10/17/2013 14:31:31	10.76	6.99	0.10
10/17/2013 14:31:41	10.71	7.04	0.10
10/17/2013 14:31:51	10.66	7.07	0.10
10/17/2013 14:32:01	10.61	7.10	0.10
10/17/2013 14:32:11	10.56	7.14	0.09
10/17/2013 14:32:21	10.50	7.17	0.08
10/17/2013 14:32:31	10.46	7.21	0.07

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 14:32:41	10.36	7.26	0.08
10/17/2013 14:32:51	10.31	7.30	0.09
10/17/2013 14:33:01	10.32	7.27	0.09
10/17/2013 14:33:11	10.40	7.21	0.09
10/17/2013 14:33:21	10.53	7.10	0.10
10/17/2013 14:33:31	10.62	7.06	0.08
10/17/2013 14:33:41	10.62	7.09	0.09
10/17/2013 14:33:51	10.55	7.14	0.09
10/17/2013 14:34:01	10.47	7.22	0.10
10/17/2013 14:34:11	10.38	7.26	0.09
10/17/2013 14:34:21	10.32	7.31	0.08
10/17/2013 14:34:31	10.33	7.29	0.09
10/17/2013 14:34:41	10.39	7.24	0.08
10/17/2013 14:34:51	10.52	7.13	0.09
10/17/2013 14:35:01	10.62	7.08	0.09
10/17/2013 14:35:11	10.60	7.11	0.10
10/17/2013 14:35:21	10.54	7.16	0.10
10/17/2013 14:35:31	10.42	7.25	0.09
10/17/2013 14:35:41	10.38	7.27	0.09
10/17/2013 14:35:51	10.36	7.29	0.09
10/17/2013 14:36:01	10.40	7.25	0.09
10/17/2013 14:36:11	10.45	7.21	0.09
10/17/2013 14:36:21	10.53	7.15	0.10
10/17/2013 14:36:31	10.54	7.17	0.10
10/17/2013 14:36:41	10.41	7.30	0.10
10/17/2013 14:36:51	10.25	7.42	0.09
10/17/2013 14:37:01	10.05	7.56	0.09
10/17/2013 14:37:11	9.90	7.66	0.09
10/17/2013 14:37:21	9.82	7.71	0.10
10/17/2013 14:37:31	9.86	7.67	0.10
10/17/2013 14:37:41	9.92	7.63	0.10
10/17/2013 14:37:51	10.02	7.57	0.10
10/17/2013 14:38:01	10.04	7.59	0.10
10/17/2013 14:38:11	9.95	7.67	0.11
10/17/2013 14:38:21	9.86	7.72	0.12
10/17/2013 14:38:31	9.75	7.81	0.12
10/17/2013 14:38:41	9.69	7.84	0.11
10/17/2013 14:38:51	9.66	7.85	0.11
10/17/2013 14:39:01	9.80	7.75	0.11
<b>Start Drift Check</b>			
10/17/2013 14:39:11	9.93	7.65	0.11
10/17/2013 14:39:21	10.08	7.56	0.81
10/17/2013 14:39:31	2.93	0.53	0.02
10/17/2013 14:39:41	0.22	0.25	-0.03
10/17/2013 14:39:51	0.13	0.17	-0.03
10/17/2013 14:40:01	0.11	0.14	-0.04
10/17/2013 14:40:11	0.09	0.12	-0.04
10/17/2013 14:40:21	0.07	0.10	-0.04
10/17/2013 14:40:31	0.06	0.10	-0.05
10/17/2013 14:40:41	0.05	0.09	-0.05
<b>N2 Zero</b>	<b>0.06</b>	<b>0.10</b>	<b>-0.05</b>
10/17/2013 14:40:51	0.11	0.16	0.11

	O2 (%)	CO2 (%)	THC (ppm)
<b>24 Hour time</b>			
10/17/2013 14:41:01	9.15	1.23	9.48
10/17/2013 14:41:11	19.75	0.15	14.11
10/17/2013 14:41:21	20.08	0.10	14.40
10/17/2013 14:41:31	20.15	0.09	14.47
10/17/2013 14:41:41	20.21	0.08	14.51
10/17/2013 14:41:51	20.25	0.07	14.55
10/17/2013 14:42:01	20.27	0.06	14.58
10/17/2013 14:42:11	20.29	0.06	14.62
<b>14.8 propane</b>	<b>20.27</b>	<b>0.06</b>	<b>14.58</b>
10/17/2013 14:42:21	20.30	0.06	14.65
10/17/2013 14:42:31	20.29	0.09	7.60
10/17/2013 14:42:41	11.16	7.08	0.47
10/17/2013 14:42:51	10.33	7.36	0.29
10/17/2013 14:43:01	10.19	7.46	0.26
10/17/2013 14:43:11	10.08	7.56	0.23
10/17/2013 14:43:21	9.99	7.64	0.19
10/17/2013 14:43:31	9.91	7.72	0.15
10/17/2013 14:43:41	9.79	7.83	0.15
10/17/2013 14:43:51	9.73	7.88	0.16
<b>Resume Run</b>			
10/17/2013 14:44:01	9.75	7.87	0.15
10/17/2013 14:44:11	9.83	7.83	0.15
10/17/2013 14:44:21	9.96	7.73	0.15
10/17/2013 14:44:31	10.10	7.65	0.15
10/17/2013 14:44:41	10.14	7.66	0.14
10/17/2013 14:44:51	10.07	7.73	0.15
10/17/2013 14:45:01	9.98	7.77	0.13
10/17/2013 14:45:11	9.90	7.82	0.14
10/17/2013 14:45:21	9.86	7.85	0.13
10/17/2013 14:45:31	9.88	7.83	0.12
10/17/2013 14:45:41	9.93	7.77	0.12
10/17/2013 14:45:51	10.07	7.66	0.14
10/17/2013 14:46:01	10.21	7.58	0.14
10/17/2013 14:46:11	10.23	7.59	0.14
10/17/2013 14:46:21	10.16	7.64	0.13
10/17/2013 14:46:31	10.07	7.71	0.13
10/17/2013 14:46:41	9.99	7.75	0.12
10/17/2013 14:46:51	9.95	7.78	0.12
10/17/2013 14:47:01	9.96	7.75	0.13
10/17/2013 14:47:11	10.04	7.69	0.13
10/17/2013 14:47:21	10.21	7.55	0.12
10/17/2013 14:47:31	10.34	7.48	0.13
10/17/2013 14:47:41	10.32	7.52	0.12
10/17/2013 14:47:51	10.22	7.58	0.14
10/17/2013 14:48:01	10.09	7.69	0.14
10/17/2013 14:48:11	10.01	7.73	0.14
10/17/2013 14:48:21	9.95	7.77	0.12
10/17/2013 14:48:31	9.96	7.73	0.15
10/17/2013 14:48:41	10.02	7.68	0.14
10/17/2013 14:48:51	10.18	7.56	0.14
10/17/2013 14:49:01	10.25	7.53	0.13
10/17/2013 14:49:11	10.20	7.59	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:49:21	10.13	7.64	0.13
10/17/2013 14:49:31	10.03	7.71	0.13
10/17/2013 14:49:41	9.94	7.77	0.12
10/17/2013 14:49:51	9.86	7.82	0.13
10/17/2013 14:50:01	9.91	7.76	0.14
10/17/2013 14:50:11	10.00	7.69	0.14
10/17/2013 14:50:21	10.15	7.58	0.13
10/17/2013 14:50:31	10.19	7.57	0.12
10/17/2013 14:50:41	10.11	7.65	0.13
10/17/2013 14:50:51	10.01	7.72	0.14
10/17/2013 14:51:01	9.89	7.80	0.12
10/17/2013 14:51:11	9.85	7.81	0.11
10/17/2013 14:51:21	9.82	7.82	0.11
10/17/2013 14:51:31	9.92	7.75	0.11
10/17/2013 14:51:41	10.02	7.65	0.11
10/17/2013 14:51:51	10.17	7.56	0.11
10/17/2013 14:52:01	10.16	7.60	0.11
10/17/2013 14:52:11	10.09	7.65	0.11
10/17/2013 14:52:21	9.99	7.72	0.13
10/17/2013 14:52:31	9.90	7.77	0.13
10/17/2013 14:52:41	9.85	7.80	0.14
10/17/2013 14:52:51	9.87	7.76	0.12
10/17/2013 14:53:01	9.99	7.67	0.12
10/17/2013 14:53:11	10.13	7.57	0.11
10/17/2013 14:53:21	10.28	7.47	0.10
10/17/2013 14:53:31	10.30	7.48	0.11
10/17/2013 14:53:41	10.26	7.52	0.11
10/17/2013 14:53:51	10.19	7.58	0.11
10/17/2013 14:54:01	10.14	7.61	0.11
10/17/2013 14:54:11	10.11	7.62	0.11
10/17/2013 14:54:21	10.16	7.57	0.11
10/17/2013 14:54:31	10.24	7.51	0.12
10/17/2013 14:54:41	10.39	7.40	0.12
10/17/2013 14:54:51	10.47	7.36	0.11
10/17/2013 14:55:01	10.44	7.40	0.11
10/17/2013 14:55:11	10.35	7.47	0.12
10/17/2013 14:55:21	10.25	7.55	0.11
10/17/2013 14:55:31	10.18	7.59	0.11
10/17/2013 14:55:41	10.14	7.62	0.11
10/17/2013 14:55:51	10.17	7.57	0.11
10/17/2013 14:56:01	10.25	7.51	0.11
10/17/2013 14:56:11	10.38	7.41	0.11
10/17/2013 14:56:21	10.46	7.37	0.11
10/17/2013 14:56:31	10.40	7.43	0.11
10/17/2013 14:56:41	10.35	7.48	0.10
10/17/2013 14:56:51	10.23	7.56	0.10
10/17/2013 14:57:01	10.18	7.60	0.11
10/17/2013 14:57:11	10.15	7.61	0.11
10/17/2013 14:57:21	10.21	7.56	0.11
10/17/2013 14:57:31	10.32	7.47	0.11
10/17/2013 14:57:41	10.45	7.38	0.12
10/17/2013 14:57:51	10.54	7.33	0.11



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:58:01	10.50	7.36	0.11
10/17/2013 14:58:11	10.43	7.42	0.11
10/17/2013 14:58:21	10.36	7.47	0.12
10/17/2013 14:58:31	10.33	7.48	0.12
10/17/2013 14:58:41	10.26	7.53	0.12
10/17/2013 14:58:51	10.22	7.55	0.11
10/17/2013 14:59:01	10.17	7.59	0.12
10/17/2013 14:59:11	10.13	7.61	0.12
10/17/2013 14:59:21	10.09	7.65	0.10
10/17/2013 14:59:31	10.07	7.65	0.11
10/17/2013 14:59:41	10.07	7.64	0.13
10/17/2013 14:59:51	10.13	7.59	0.13
10/17/2013 15:00:01	10.23	7.51	0.14
10/17/2013 15:00:11	10.39	7.39	0.12
10/17/2013 15:00:21	10.46	7.37	0.12
10/17/2013 15:00:31	10.42	7.41	0.13
10/17/2013 15:00:41	10.33	7.49	0.12
10/17/2013 15:00:51	10.25	7.54	0.12
10/17/2013 15:01:01	10.19	7.59	0.11
10/17/2013 15:01:11	10.15	7.60	0.11
10/17/2013 15:01:21	10.24	7.52	0.12
10/17/2013 15:01:31	10.37	7.43	0.12
10/17/2013 15:01:41	10.44	7.39	0.12
10/17/2013 15:01:51	10.41	7.43	0.12
10/17/2013 15:02:01	10.30	7.52	0.10
10/17/2013 15:02:11	10.15	7.63	0.11
10/17/2013 15:02:21	10.07	7.68	0.11
10/17/2013 15:02:31	10.03	7.70	0.12
10/17/2013 15:02:41	10.10	7.63	0.12
10/17/2013 15:02:51	10.20	7.55	0.12
10/17/2013 15:03:01	10.33	7.46	0.12
10/17/2013 15:03:11	10.37	7.45	0.13
10/17/2013 15:03:21	10.32	7.50	0.12
10/17/2013 15:03:31	10.22	7.58	0.12
10/17/2013 15:03:41	10.14	7.62	0.11
10/17/2013 15:03:51	10.10	7.63	0.11
10/17/2013 15:04:01	10.13	7.59	0.10
10/17/2013 15:04:11	10.20	7.54	0.11
10/17/2013 15:04:21	10.33	7.43	0.11
10/17/2013 15:04:31	10.42	7.39	0.11
10/17/2013 15:04:41	10.38	7.44	0.11
10/17/2013 15:04:51	10.31	7.50	0.12
10/17/2013 15:05:01	10.19	7.58	0.12
10/17/2013 15:05:11	10.12	7.62	0.11
10/17/2013 15:05:21	10.09	7.62	0.10
10/17/2013 15:05:31	10.16	7.56	0.10
10/17/2013 15:05:41	10.28	7.48	0.10
10/17/2013 15:05:51	10.38	7.40	0.10
10/17/2013 15:06:01	10.39	7.42	0.10
10/17/2013 15:06:11	10.33	7.47	0.09
10/17/2013 15:06:21	10.21	7.56	0.09
10/17/2013 15:06:31	10.12	7.62	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:06:41	10.09	7.64	0.09
10/17/2013 15:06:51	10.14	7.58	0.11
10/17/2013 15:07:01	10.21	7.53	0.11
10/17/2013 15:07:11	10.33	7.44	0.10
10/17/2013 15:07:21	10.41	7.40	0.10
10/17/2013 15:07:31	10.38	7.44	0.10
10/17/2013 15:07:41	10.30	7.50	0.10
10/17/2013 15:07:51	10.19	7.57	0.10
10/17/2013 15:08:01	10.13	7.62	0.10
10/17/2013 15:08:11	10.11	7.61	0.10
10/17/2013 15:08:21	10.20	7.55	0.10
10/17/2013 15:08:31	10.32	7.45	0.10
10/17/2013 15:08:41	10.42	7.39	0.11
10/17/2013 15:08:51	10.39	7.43	0.11
10/17/2013 15:09:01	10.33	7.48	0.10
10/17/2013 15:09:11	10.20	7.58	0.10
10/17/2013 15:09:21	10.14	7.61	0.10
10/17/2013 15:09:31	10.11	7.63	0.11
10/17/2013 15:09:41	10.14	7.60	0.11
10/17/2013 15:09:51	10.21	7.55	0.12
10/17/2013 15:10:01	10.33	7.46	0.13
10/17/2013 15:10:11	10.38	7.45	0.13
10/17/2013 15:10:21	10.35	7.47	0.12
10/17/2013 15:10:31	10.25	7.54	0.12
10/17/2013 15:10:41	10.13	7.61	0.12
10/17/2013 15:10:51	10.10	7.63	0.10
10/17/2013 15:11:01	10.11	7.60	0.13
10/17/2013 15:11:11	10.16	7.57	0.12
10/17/2013 15:11:21	10.29	7.46	0.12
10/17/2013 15:11:31	10.37	7.42	0.13
10/17/2013 15:11:41	10.36	7.45	0.13
10/17/2013 15:11:51	10.32	7.47	0.12
10/17/2013 15:12:01	10.26	7.53	0.12
10/17/2013 15:12:11	10.21	7.58	0.11
10/17/2013 15:12:21	10.12	7.65	0.13
10/17/2013 15:12:31	10.03	7.73	0.14
10/17/2013 15:12:41	9.94	7.80	0.12
10/17/2013 15:12:51	9.92	7.82	0.13
10/17/2013 15:13:01	9.94	7.81	0.13
10/17/2013 15:13:11	10.08	7.72	0.13
10/17/2013 15:13:21	10.26	7.59	0.13
10/17/2013 15:13:31	10.44	7.48	0.14
10/17/2013 15:13:41	10.47	7.50	0.13
10/17/2013 15:13:51	10.42	7.55	0.14
10/17/2013 15:14:01	10.35	7.61	0.14
10/17/2013 15:14:11	10.30	7.63	0.14
10/17/2013 15:14:21	10.27	7.64	0.14
10/17/2013 15:14:31	10.36	7.55	0.13
10/17/2013 15:14:41	10.44	7.49	0.13
10/17/2013 15:14:51	10.61	7.37	0.14
10/17/2013 15:15:01	10.67	7.34	0.14
10/17/2013 15:15:11	10.62	7.38	0.14

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 15:15:21	10.52	7.47	0.14
10/17/2013 15:15:31	10.41	7.53	0.13
10/17/2013 15:15:41	10.33	7.59	0.12
10/17/2013 15:15:51	10.35	7.55	0.12
10/17/2013 15:16:01	10.42	7.50	0.12
10/17/2013 15:16:11	10.56	7.38	0.11
10/17/2013 15:16:21	10.65	7.33	0.13
10/17/2013 15:16:31	10.63	7.35	0.13
10/17/2013 15:16:41	10.54	7.43	0.12
10/17/2013 15:16:51	10.38	7.55	0.10
10/17/2013 15:17:01	10.28	7.61	0.10
10/17/2013 15:17:11	10.23	7.61	0.11
10/17/2013 15:17:21	10.31	7.55	0.10
10/17/2013 15:17:31	10.44	7.44	0.10
10/17/2013 15:17:41	10.58	7.34	0.11
10/17/2013 15:17:51	10.63	7.34	0.10
10/17/2013 15:18:01	10.54	7.42	0.11
10/17/2013 15:18:11	10.44	7.52	0.11
10/17/2013 15:18:21	10.33	7.58	0.11
10/17/2013 15:18:31	10.27	7.62	0.11
10/17/2013 15:18:41	10.26	7.61	0.10
10/17/2013 15:18:51	10.32	7.54	0.10
10/17/2013 15:19:01	10.49	7.42	0.11
10/17/2013 15:19:11	10.56	7.37	0.12
10/17/2013 15:19:21	10.52	7.41	0.12
10/17/2013 15:19:31	10.45	7.48	0.11
10/17/2013 15:19:41	10.29	7.58	0.11
10/17/2013 15:19:51	10.19	7.64	0.12
10/17/2013 15:20:01	10.15	7.64	0.12
10/17/2013 15:20:11	10.25	7.56	0.12
10/17/2013 15:20:21	10.39	7.44	0.12
10/17/2013 15:20:31	10.55	7.33	0.12
10/17/2013 15:20:41	10.58	7.32	0.12
10/17/2013 15:20:51	10.59	7.31	0.11
10/17/2013 15:21:01	10.53	7.37	0.12
10/17/2013 15:21:11	10.55	7.35	0.10
10/17/2013 15:21:21	10.57	7.33	0.10
10/17/2013 15:21:31	10.70	7.22	0.11
10/17/2013 15:21:41	10.83	7.10	0.11
10/17/2013 15:21:51	11.04	6.95	0.11
10/17/2013 15:22:01	11.14	6.89	0.11
10/17/2013 15:22:11	11.12	6.91	0.10
10/17/2013 15:22:21	11.07	6.95	0.10
10/17/2013 15:22:31	10.98	6.99	0.10
10/17/2013 15:22:41	10.96	6.99	0.10
10/17/2013 15:22:51	10.98	6.95	0.10
10/17/2013 15:23:01	11.08	6.87	0.09
10/17/2013 15:23:11	11.18	6.77	0.09
10/17/2013 15:23:21	11.29	6.70	0.10
10/17/2013 15:23:31	11.26	6.72	0.10
10/17/2013 15:23:41	11.16	6.82	0.10
10/17/2013 15:23:51	11.01	6.92	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:24:01	10.95	6.95	0.08
10/17/2013 15:24:11	10.92	6.94	0.08
10/17/2013 15:24:21	10.95	6.92	0.10
10/17/2013 15:24:31	11.02	6.86	0.10
10/17/2013 15:24:41	11.15	6.75	0.10
10/17/2013 15:24:51	11.19	6.74	0.10
10/17/2013 15:25:01	11.14	6.80	0.11
10/17/2013 15:25:11	11.03	6.88	0.11
10/17/2013 15:25:21	10.91	6.98	0.10
10/17/2013 15:25:31	10.78	7.08	0.11
10/17/2013 15:25:41	10.61	7.20	0.10
10/17/2013 15:25:51	10.49	7.28	0.10
10/17/2013 15:26:01	10.42	7.31	0.10
10/17/2013 15:26:11	10.45	7.28	0.10
10/17/2013 15:26:21	10.53	7.23	0.10
10/17/2013 15:26:31	10.66	7.14	0.10
10/17/2013 15:26:41	10.71	7.12	0.11
10/17/2013 15:26:51	10.68	7.16	0.10
10/17/2013 15:27:01	10.59	7.24	0.11
10/17/2013 15:27:11	10.47	7.34	0.11
10/17/2013 15:27:21	10.39	7.39	0.11
10/17/2013 15:27:31	10.34	7.43	0.10
10/17/2013 15:27:41	10.35	7.41	0.10
10/17/2013 15:27:51	10.46	7.32	0.10
10/17/2013 15:28:01	10.60	7.22	0.11
10/17/2013 15:28:11	10.73	7.14	0.12
10/17/2013 15:28:21	10.72	7.17	0.13
10/17/2013 15:28:31	10.64	7.24	0.14
10/17/2013 15:28:41	10.55	7.30	0.13
10/17/2013 15:28:51	10.46	7.37	0.13
10/17/2013 15:29:01	10.38	7.41	0.12
10/17/2013 15:29:11	10.30	7.48	0.12
10/17/2013 15:29:21	10.22	7.52	0.12
10/17/2013 15:29:31	10.25	7.48	0.12
10/17/2013 15:29:41	10.33	7.42	0.11
10/17/2013 15:29:51	10.41	7.35	0.11
10/17/2013 15:30:01	10.54	7.26	0.11
10/17/2013 15:30:11	10.59	7.25	0.10
10/17/2013 15:30:21	10.54	7.31	0.10
10/17/2013 15:30:31	10.47	7.36	0.10
10/17/2013 15:30:41	10.42	7.39	0.09
10/17/2013 15:30:51	10.35	7.44	0.10
10/17/2013 15:31:01	10.32	7.45	0.10
10/17/2013 15:31:11	10.29	7.48	0.10
10/17/2013 15:31:21	10.25	7.50	0.11
10/17/2013 15:31:31	10.24	7.50	0.11
10/17/2013 15:31:41	10.22	7.52	0.11
10/17/2013 15:31:51	10.21	7.54	0.10
10/17/2013 15:32:01	10.22	7.54	0.11
10/17/2013 15:32:11	10.21	7.58	0.11
10/17/2013 15:32:21	10.18	7.60	0.11
10/17/2013 15:32:31	10.12	7.66	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:32:41	10.10	7.68	0.12
10/17/2013 15:32:51	10.11	7.69	0.13
10/17/2013 15:33:01	10.18	7.63	0.14
10/17/2013 15:33:11	10.30	7.56	0.15
10/17/2013 15:33:21	10.45	7.44	0.15
10/17/2013 15:33:31	10.56	7.39	0.15
10/17/2013 15:33:41	10.54	7.43	0.14
10/17/2013 15:33:51	10.47	7.48	0.14
10/17/2013 15:34:01	10.33	7.58	0.14
10/17/2013 15:34:11	10.25	7.64	0.13
10/17/2013 15:34:21	10.17	7.67	0.13
10/17/2013 15:34:31	10.22	7.63	0.13
10/17/2013 15:34:41	10.30	7.56	0.13
10/17/2013 15:34:51	10.46	7.43	0.13
10/17/2013 15:35:01	10.53	7.41	0.13
10/17/2013 15:35:11	10.48	7.46	0.13
10/17/2013 15:35:21	10.42	7.50	0.14
10/17/2013 15:35:31	10.29	7.61	0.13
10/17/2013 15:35:41	10.20	7.67	0.11
10/17/2013 15:35:51	10.14	7.69	0.11
10/17/2013 15:36:01	10.24	7.61	0.11
10/17/2013 15:36:11	10.34	7.53	0.11
10/17/2013 15:36:21	10.49	7.42	0.12
10/17/2013 15:36:31	10.53	7.42	0.12
10/17/2013 15:36:41	10.45	7.49	0.12
10/17/2013 15:36:51	10.36	7.54	0.10
10/17/2013 15:37:01	10.27	7.60	0.10
10/17/2013 15:37:11	10.22	7.62	0.11
10/17/2013 15:37:21	10.23	7.59	0.11
10/17/2013 15:37:31	10.32	7.53	0.11
10/17/2013 15:37:41	10.43	7.42	0.11
10/17/2013 15:37:51	10.54	7.36	0.11
10/17/2013 15:38:01	10.56	7.36	0.11
10/17/2013 15:38:11	10.49	7.41	0.11
10/17/2013 15:38:21	10.39	7.48	0.12
10/17/2013 15:38:31	10.28	7.55	0.11
10/17/2013 15:38:41	10.21	7.59	0.10
10/17/2013 15:38:51	10.22	7.56	0.11
10/17/2013 15:39:01	10.28	7.52	0.10
10/17/2013 15:39:11	10.42	7.40	0.10
10/17/2013 15:39:21	10.54	7.32	0.10
10/17/2013 15:39:31	10.55	7.35	0.10
10/17/2013 15:39:41	10.44	7.42	0.12
10/17/2013 15:39:51	10.29	7.55	0.10
10/17/2013 15:40:01	10.17	7.62	0.11
10/17/2013 15:40:11	10.11	7.65	0.12
10/17/2013 15:40:21	10.16	7.59	0.12
10/17/2013 15:40:31	10.26	7.52	0.13
10/17/2013 15:40:41	10.42	7.40	0.13
10/17/2013 15:40:51	10.53	7.34	0.12
10/17/2013 15:41:01	10.50	7.37	0.11
10/17/2013 15:41:11	10.45	7.42	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:41:21	10.33	7.51	0.12
10/17/2013 15:41:31	10.25	7.55	0.11
10/17/2013 15:41:41	10.20	7.58	0.10
10/17/2013 15:41:51	10.24	7.55	0.10
10/17/2013 15:42:01	10.33	7.47	0.10
10/17/2013 15:42:11	10.48	7.37	0.10
10/17/2013 15:42:21	10.56	7.32	0.11
10/17/2013 15:42:31	10.54	7.35	0.10
10/17/2013 15:42:41	10.48	7.39	0.10
10/17/2013 15:42:51	10.39	7.46	0.10
10/17/2013 15:43:01	10.33	7.48	0.10
10/17/2013 15:43:11	10.35	7.46	0.10
10/17/2013 15:43:21	10.44	7.37	0.10
10/17/2013 15:43:31	10.57	7.28	0.10
10/17/2013 15:43:41	10.75	7.14	0.10
10/17/2013 15:43:51	10.86	7.07	0.11
10/17/2013 15:44:01	10.87	7.09	0.11
10/17/2013 15:44:11	10.79	7.14	0.11
10/17/2013 15:44:21	10.71	7.21	0.11
10/17/2013 15:44:31	10.62	7.26	0.11
10/17/2013 15:44:41	10.56	7.30	0.11
10/17/2013 15:44:51	10.55	7.29	0.11
10/17/2013 15:45:01	10.64	7.22	0.10
10/17/2013 15:45:11	10.77	7.12	0.10
10/17/2013 15:45:21	10.87	7.05	0.09
10/17/2013 15:45:31	10.85	7.09	0.10
10/17/2013 15:45:41	10.73	7.18	0.10
10/17/2013 15:45:51	10.62	7.26	0.10
10/17/2013 15:46:01	10.52	7.32	0.10
10/17/2013 15:46:11	10.45	7.35	0.09
10/17/2013 15:46:21	10.43	7.36	0.10
10/17/2013 15:46:31	10.51	7.28	0.10
10/17/2013 15:46:41	10.64	7.19	0.10
10/17/2013 15:46:51	10.71	7.15	0.10
10/17/2013 15:47:01	10.70	7.19	0.10
10/17/2013 15:47:11	10.62	7.25	0.10
10/17/2013 15:47:21	10.55	7.31	0.10
10/17/2013 15:47:31	10.46	7.37	0.10
10/17/2013 15:47:41	10.42	7.40	0.10
10/17/2013 15:47:51	10.39	7.40	0.09
10/17/2013 15:48:01	10.46	7.35	0.09
10/17/2013 15:48:11	10.57	7.26	0.10
10/17/2013 15:48:21	10.69	7.20	0.11
10/17/2013 15:48:31	10.71	7.19	0.11
10/17/2013 15:48:41	10.65	7.25	0.10
10/17/2013 15:48:51	10.56	7.33	0.10
10/17/2013 15:49:01	10.44	7.41	0.10
10/17/2013 15:49:11	10.39	7.44	0.11
10/17/2013 15:49:21	10.35	7.46	0.11
10/17/2013 15:49:31	10.46	7.36	0.10
10/17/2013 15:49:41	10.53	7.31	0.10
10/17/2013 15:49:51	10.65	7.23	0.09

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 15:50:01	10.64	7.25	0.11
10/17/2013 15:50:11	10.58	7.31	0.10
10/17/2013 15:50:21	10.49	7.37	0.10
10/17/2013 15:50:31	10.41	7.44	0.10
10/17/2013 15:50:41	10.33	7.49	0.10
10/17/2013 15:50:51	10.33	7.49	0.10
10/17/2013 15:51:01	10.34	7.47	0.10
10/17/2013 15:51:11	10.42	7.40	0.11
10/17/2013 15:51:21	10.57	7.28	0.11
10/17/2013 15:51:31	10.67	7.22	0.10
10/17/2013 15:51:41	10.69	7.22	0.11
10/17/2013 15:51:51	10.62	7.27	0.11
10/17/2013 15:52:01	10.54	7.32	0.10
10/17/2013 15:52:11	10.45	7.38	0.10
10/17/2013 15:52:21	10.37	7.42	0.09
10/17/2013 15:52:31	10.36	7.42	0.10
10/17/2013 15:52:41	10.44	7.34	0.10
10/17/2013 15:52:51	10.58	7.23	0.10
10/17/2013 15:53:01	10.71	7.13	0.10
10/17/2013 15:53:11	10.77	7.12	0.10
10/17/2013 15:53:21	10.71	7.17	0.10
10/17/2013 15:53:31	10.64	7.22	0.10
10/17/2013 15:53:41	10.58	7.27	0.10
10/17/2013 15:53:51	10.48	7.34	0.09
10/17/2013 15:54:01	10.42	7.36	0.09
10/17/2013 15:54:11	10.41	7.36	0.10
10/17/2013 15:54:21	10.51	7.28	0.10
10/17/2013 15:54:31	10.63	7.18	0.10
10/17/2013 15:54:41	10.76	7.10	0.09
10/17/2013 15:54:51	10.80	7.09	0.10
<b>End Run 3B</b>	<b>10.52</b>	<b>7.28</b>	<b>0.11</b>
10/17/2013 15:55:01	10.74	7.13	0.11
10/17/2013 15:55:11	10.65	7.20	0.10
10/17/2013 15:55:21	10.53	7.30	0.10
10/17/2013 15:55:31	10.43	7.36	0.10
10/17/2013 15:55:41	10.39	7.37	0.10
10/17/2013 15:55:51	10.43	7.33	0.10
10/17/2013 15:56:01	10.51	7.28	0.10
10/17/2013 15:56:11	10.64	7.17	0.09
10/17/2013 15:56:21	10.75	7.10	0.11
10/17/2013 15:56:31	10.75	7.13	0.10
10/17/2013 15:56:41	10.69	7.18	0.10
10/17/2013 15:56:51	10.64	7.22	0.10
10/17/2013 15:57:01	10.65	7.20	0.10
10/17/2013 15:57:11	10.61	7.22	0.09
10/17/2013 15:57:21	10.66	7.18	0.10
10/17/2013 15:57:31	10.67	7.15	0.10
10/17/2013 15:57:41	10.70	7.13	0.11
10/17/2013 15:57:51	10.92	6.95	0.11
10/17/2013 15:58:01	10.95	6.94	0.11
10/17/2013 15:58:11	11.16	6.77	0.12

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 15:58:21	11.43	6.54	0.13
10/17/2013 15:58:31	12.03	6.00	0.14
10/17/2013 15:58:41	12.81	5.36	0.13
10/17/2013 15:58:51	13.44	4.91	0.13
10/17/2013 15:59:01	13.89	4.58	0.14
10/17/2013 15:59:11	14.24	4.28	0.14
10/17/2013 15:59:21	14.50	4.08	0.15
10/17/2013 15:59:31	14.66	3.94	0.14
10/17/2013 15:59:41	14.68	3.88	0.14
10/17/2013 15:59:51	14.61	3.89	0.14
10/17/2013 16:00:01	14.49	3.92	0.14
10/17/2013 16:00:11	14.36	3.96	0.14
10/17/2013 16:00:21	14.21	4.01	0.16
10/17/2013 16:00:31	14.11	4.04	0.15
10/17/2013 16:00:41	14.01	4.07	0.16
10/17/2013 16:00:51	13.92	4.11	0.16
10/17/2013 16:01:01	13.84	4.14	0.16
10/17/2013 16:01:11	13.75	4.17	0.16
10/17/2013 16:01:21	13.69	4.20	0.16
10/17/2013 16:01:31	13.63	4.22	0.16
10/17/2013 16:01:41	13.59	4.23	0.16
10/17/2013 16:01:51	13.57	4.24	0.17
10/17/2013 16:02:01	13.54	4.26	0.16
10/17/2013 16:02:11	13.50	4.27	0.17
10/17/2013 16:02:21	13.50	4.26	0.96
10/17/2013 16:02:31	4.96	0.42	0.11
10/17/2013 16:02:41	0.33	0.19	-0.04
10/17/2013 16:02:51	0.18	0.12	-0.04
10/17/2013 16:03:01	0.14	0.10	-0.04
10/17/2013 16:03:11	0.12	0.09	-0.04
10/17/2013 16:03:21	0.10	0.08	-0.03
10/17/2013 16:03:31	0.08	0.07	-0.03
10/17/2013 16:03:41	0.07	0.07	-0.04
10/17/2013 16:03:51	0.06	0.06	-0.04
<b>Zero Bias</b>	<b>0.07</b>	<b>0.07</b>	<b>-0.04</b>
10/17/2013 16:04:01	0.05	0.06	0.04
10/17/2013 16:04:11	11.17	3.64	0.11
10/17/2013 16:04:21	9.61	9.42	-0.05
10/17/2013 16:04:31	9.82	9.66	-0.05
10/17/2013 16:04:41	9.85	9.74	-0.06
10/17/2013 16:04:51	9.88	9.78	-0.05
10/17/2013 16:05:01	9.88	9.81	-0.04
10/17/2013 16:05:11	9.89	9.83	-0.05
10/17/2013 16:05:21	9.90	9.84	-0.06
10/17/2013 16:05:31	9.90	9.85	-0.06
10/17/2013 16:05:41	9.91	9.86	-0.07
<b>O2/CO2 Bias</b>	<b>9.90</b>	<b>9.85</b>	<b>-0.07</b>
10/17/2013 16:05:51	9.91	9.86	0.18
10/17/2013 16:06:01	12.60	5.75	6.33
10/17/2013 16:06:11	19.60	0.56	14.18



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
10/17/2013 16:06:21	20.14	0.31	14.59
10/17/2013 16:06:31	20.22	0.21	14.67
10/17/2013 16:06:41	20.25	0.16	14.70
10/17/2013 16:06:51	20.29	0.12	14.74
10/17/2013 16:07:01	20.30	0.11	14.81
10/17/2013 16:07:11	20.32	0.09	14.84
10/17/2013 16:07:21	20.33	0.08	14.86
10/17/2013 16:07:31	20.34	0.07	14.91
10/17/2013 16:07:41	20.34	0.07	14.97
10/17/2013 16:07:51	20.35	0.06	15.00
<b>14.8 propane</b>	<b>20.34</b>	<b>0.07</b>	<b>14.96</b>
10/17/2013 16:08:01	20.35	0.06	14.98
10/17/2013 16:08:11	19.67	1.02	5.21
10/17/2013 16:08:21	13.53	4.46	0.71
10/17/2013 16:08:31	13.35	4.51	0.60
10/17/2013 16:08:41	13.32	4.51	0.55
10/17/2013 16:08:51	13.33	4.48	0.50
10/17/2013 16:09:01	13.35	4.43	0.45
10/17/2013 16:09:11	13.38	4.39	0.40
10/17/2013 16:09:21	13.38	4.35	0.37
10/17/2013 16:09:31	13.43	4.30	0.35
10/17/2013 16:09:41	13.48	4.26	0.34
10/17/2013 16:09:51	13.49	4.24	0.35
10/17/2013 16:10:01	13.47	4.24	0.37
10/17/2013 16:10:11	13.45	4.24	0.38
10/17/2013 16:10:21	13.43	4.24	0.40
10/17/2013 16:10:31	13.43	4.23	0.38
10/17/2013 16:10:41	13.40	4.23	0.38
10/17/2013 16:10:51	13.39	4.23	0.36
10/17/2013 16:11:01	13.38	4.21	0.36
10/17/2013 16:11:11	13.39	4.20	0.36
10/17/2013 16:11:21	13.37	4.21	0.33
10/17/2013 16:11:31	13.36	4.20	0.32
10/17/2013 16:11:41	13.34	4.21	0.31
10/17/2013 16:11:51	13.31	4.21	0.29
10/17/2013 16:12:01	13.29	4.22	0.27
10/17/2013 16:12:11	13.27	4.22	0.24
10/17/2013 16:12:21	13.28	4.21	0.23
10/17/2013 16:12:31	13.44	4.11	0.22
10/17/2013 16:12:41	13.72	3.96	0.20
10/17/2013 16:12:51	14.04	3.79	0.20
10/17/2013 16:13:01	14.30	3.65	0.19
10/17/2013 16:13:11	14.44	3.58	0.18
10/17/2013 16:13:21	14.45	3.59	0.15
10/17/2013 16:13:31	14.41	3.61	0.13
10/17/2013 16:13:41	14.30	3.67	0.12
10/17/2013 16:13:51	14.14	3.76	0.12
10/17/2013 16:14:01	13.93	3.88	0.11
10/17/2013 16:14:11	13.73	3.99	0.10
10/17/2013 16:14:21	13.47	4.12	0.10
10/17/2013 16:14:31	13.26	4.22	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 16:14:41	13.07	4.31	0.09
10/17/2013 16:14:51	12.88	4.40	0.08
10/17/2013 16:15:01	12.71	4.49	0.08
10/17/2013 16:15:11	12.56	4.57	0.08
10/17/2013 16:15:21	12.43	4.64	0.08
10/17/2013 16:15:31	12.33	4.70	0.07
10/17/2013 16:15:41	12.22	4.75	0.07
10/17/2013 16:15:51	12.19	4.77	0.07
10/17/2013 16:16:01	12.15	4.78	0.08
10/17/2013 16:16:11	12.15	4.78	0.08
10/17/2013 16:16:21	12.13	4.79	0.07
10/17/2013 16:16:31	12.13	4.79	0.07
10/17/2013 16:16:41	12.12	4.80	0.07
10/17/2013 16:16:51	12.12	4.80	0.07
10/17/2013 16:17:01	12.12	4.80	0.07
10/17/2013 16:17:11	12.12	4.80	0.07
10/17/2013 16:17:21	12.12	4.80	0.07
10/17/2013 16:17:31	12.11	4.80	0.07
10/17/2013 16:17:41	12.08	4.82	0.07
10/17/2013 16:17:51	12.04	4.83	0.08
10/17/2013 16:18:01	12.03	4.83	0.09
10/17/2013 16:18:11	12.01	4.84	0.09
10/17/2013 16:18:21	11.97	4.86	0.08
10/17/2013 16:18:31	11.94	4.88	0.07
10/17/2013 16:18:41	11.92	4.88	0.07
10/17/2013 16:18:51	11.90	4.90	0.07
10/17/2013 16:19:01	11.91	4.88	0.06
10/17/2013 16:19:11	11.92	4.88	0.05
10/17/2013 16:19:21	11.92	4.88	0.07
10/17/2013 16:19:31	11.95	4.86	0.07
10/17/2013 16:19:41	11.95	4.86	0.07
10/17/2013 16:19:51	11.93	4.87	0.07
10/17/2013 16:20:01	11.92	4.86	0.07
10/17/2013 16:20:11	11.92	4.85	0.07
10/17/2013 16:20:21	11.92	4.86	0.07
10/17/2013 16:20:31	11.94	4.84	0.07
10/17/2013 16:20:41	11.94	4.83	0.07
10/17/2013 16:20:51	11.96	4.83	0.07
10/17/2013 16:21:01	11.96	4.83	0.07
10/17/2013 16:21:11	11.98	4.82	0.07
10/17/2013 16:21:21	11.96	4.83	0.07
10/17/2013 16:21:31	11.97	4.82	0.06
10/17/2013 16:21:41	11.99	4.81	0.07
10/17/2013 16:21:51	11.98	4.81	0.07
10/17/2013 16:22:01	11.98	4.81	0.06
10/17/2013 16:22:11	12.00	4.80	0.06
10/17/2013 16:22:21	12.00	4.80	0.07
10/17/2013 16:22:31	12.01	4.80	0.07
10/17/2013 16:22:41	12.01	4.79	0.07
10/17/2013 16:22:51	12.01	4.79	0.07
10/17/2013 16:23:01	12.02	4.79	0.08
10/17/2013 16:23:11	12.04	4.78	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 16:23:21	12.06	4.77	0.09
10/17/2013 16:23:31	12.06	4.77	0.09
10/17/2013 16:23:41	12.05	4.77	0.08
10/17/2013 16:23:51	12.05	4.77	0.07
10/17/2013 16:24:01	12.05	4.77	0.08
10/17/2013 16:24:11	12.05	4.76	0.09
10/17/2013 16:24:21	12.07	4.75	0.07
10/17/2013 16:24:31	12.06	4.76	0.07
10/17/2013 16:24:41	12.05	4.76	0.07
10/17/2013 16:24:51	12.06	4.75	0.07
10/17/2013 16:25:01	12.06	4.75	0.07
10/17/2013 16:25:11	12.07	4.75	0.08
10/17/2013 16:25:21	12.10	4.73	0.08
10/17/2013 16:25:31	12.11	4.73	0.06
10/17/2013 16:25:41	12.16	4.70	0.07
10/17/2013 16:25:51	12.18	4.68	0.06
10/17/2013 16:26:01	12.24	4.65	0.06
10/17/2013 16:26:11	12.32	4.60	0.06
10/17/2013 16:26:21	12.42	4.54	0.06
10/17/2013 16:26:31	12.52	4.49	0.05
10/17/2013 16:26:41	12.61	4.44	0.04
10/17/2013 16:26:51	12.69	4.39	0.05
10/17/2013 16:27:01	12.75	4.37	0.06
10/17/2013 16:27:11	12.81	4.34	0.06
10/17/2013 16:27:21	12.86	4.31	0.07
10/17/2013 16:27:31	12.91	4.29	0.07
10/17/2013 16:27:41	12.96	4.27	0.07
10/17/2013 16:27:51	13.00	4.25	0.07
10/17/2013 16:28:01	13.03	4.23	0.07
10/17/2013 16:28:11	13.07	4.22	0.07
10/17/2013 16:28:21	13.11	4.20	0.07
10/17/2013 16:28:31	13.14	4.18	0.08
10/17/2013 16:28:41	13.17	4.17	0.07
10/17/2013 16:28:51	13.19	4.18	0.07
10/17/2013 16:29:01	13.20	4.17	0.07
10/17/2013 16:29:11	13.21	4.16	0.07
10/17/2013 16:29:21	13.22	4.16	0.07
10/17/2013 16:29:31	13.25	4.14	0.07
10/17/2013 16:29:41	13.25	4.15	0.07
10/17/2013 16:29:51	13.25	4.15	0.07
10/17/2013 16:30:01	13.25	4.15	0.07
10/17/2013 16:30:11	13.26	4.14	0.07
10/17/2013 16:30:21	13.28	4.13	0.11
10/17/2013 16:30:31	17.74	0.89	0.45
10/17/2013 16:30:41	20.41	0.26	0.52
10/17/2013 16:30:51	20.52	0.19	0.56
10/17/2013 16:31:01	20.55	0.16	0.60
10/17/2013 16:31:11	20.57	0.14	0.64
10/17/2013 16:31:21	20.59	0.12	0.69
10/17/2013 16:31:31	20.59	0.12	0.72
10/17/2013 16:31:41	20.60	0.11	0.74
10/17/2013 16:31:51	20.61	0.11	0.76

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 16:32:01	20.61	0.11	0.76
10/17/2013 16:32:11	20.61	0.10	0.76
10/17/2013 16:32:21	20.62	0.10	0.76
10/17/2013 16:32:31	20.63	0.10	0.77
10/17/2013 16:32:41	20.63	0.10	0.78
10/17/2013 16:32:51	20.63	0.10	0.78
10/17/2013 16:33:01	20.64	0.10	0.79
10/17/2013 16:33:11	20.63	0.09	0.79
10/17/2013 16:33:21	20.64	0.09	0.78
10/17/2013 16:33:31	20.64	0.09	0.79
10/17/2013 16:33:41	20.64	0.09	0.81
10/17/2013 16:33:51	20.64	0.09	0.83
10/17/2013 16:34:01	20.64	0.09	0.84
10/17/2013 16:34:11	20.64	0.08	0.84
10/17/2013 16:34:21	20.64	0.08	0.84
10/17/2013 16:34:31	20.65	0.08	0.83
10/17/2013 16:34:41	20.65	0.08	0.84
10/17/2013 16:34:51	20.65	0.09	0.83
10/17/2013 16:35:01	20.65	0.09	0.82
10/17/2013 16:35:11	20.65	0.09	0.83
10/17/2013 16:35:21	20.65	0.09	0.83
10/17/2013 16:35:31	20.65	0.09	0.83
10/17/2013 16:35:41	20.65	0.08	0.83
10/17/2013 16:35:51	20.65	0.08	0.82
10/17/2013 16:36:01	20.65	0.08	0.81
10/17/2013 16:36:11	20.65	0.08	0.80
10/17/2013 16:36:21	20.65	0.08	0.80
10/17/2013 16:36:31	20.65	0.08	0.80
10/17/2013 16:36:41	20.65	0.08	0.81
10/17/2013 16:36:51	20.65	0.08	0.79
10/17/2013 16:37:01	20.65	0.08	0.78
10/17/2013 16:37:11	20.65	0.08	0.78
10/17/2013 16:37:21	20.65	0.08	0.78
10/17/2013 16:37:31	20.66	0.08	0.76
10/17/2013 16:37:41	20.66	0.08	0.77
10/17/2013 16:37:51	20.66	0.09	0.79
10/17/2013 16:38:01	20.66	0.07	0.80
10/17/2013 16:38:11	20.66	0.08	0.80
10/17/2013 16:38:21	20.66	0.08	0.80
10/17/2013 16:38:31	20.66	0.08	0.78
10/17/2013 16:38:41	20.66	0.08	0.78
10/17/2013 16:38:51	20.66	0.08	0.79
10/17/2013 16:39:01	20.66	0.08	0.80
10/17/2013 16:39:11	20.66	0.08	0.78
10/17/2013 16:39:21	20.66	0.08	0.78
10/17/2013 16:39:31	20.66	0.08	0.79
10/17/2013 16:39:41	20.66	0.08	0.80
10/17/2013 16:39:51	20.71	0.08	0.80
10/17/2013 16:40:01	20.66	0.08	0.81

**Veolia Unit 3**

Uncorrected Concentrations									
18-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 4B	935-1250	10.73	7.20				0.23	43.69	0.41

Corrected O <sub>2</sub> Conc.					
18-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	935-1250	10.73	0.06	1.02	10.87

Corrected CO <sub>2</sub> Conc.					
18-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	935-1250	7.20	0.07	1.02	7.26

**Veolia Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/18/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	07:50	0.02	0.02	0.1%
span gas	CC189665	22.50	07:52	22.49	0.01	0.0%
mid-range	CC43355	10.10	07:53	10.09	0.01	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	0.02	08:27	0.06	0.2%	12:54	0.07	0.2%	0.0%	C <sub>0</sub> = 0.063 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.019
	10.10	10.09	08:24	10.02	-0.3%	12:56	9.93	-0.7%	-0.4%	

**Veolia Unit 3**  
**CO<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/18/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 19.20  
**Analyzer Range:** 20  
**Units:** %  
**Technician(s):** kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	07:50	0.01	0.01	0.0%
span gas	CC189665	19.20	07:52	19.15	0.05	0.2%
mid-range	CC43355	10.00	07:53	10.06	0.06	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	0.01	08:27	0.07	0.3%	12:54	0.07	0.3%	0.0%	$C_0 = 0.071$ $C_{MA}/(C_M - C_0) = 1.018$
	10.00	10.06	08:24	9.90	-0.9%	12:56	9.89	-0.9%	-0.1%	

**Veolia Unit 3  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/18/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range: 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	09:25	0.00	0.00	n/a
<b>Span</b>	ALM025456	24.70	09:26	24.86	0.16	0.7%
<b>Mid</b>	ALM028646	14.80	09:28	15.17	0.37	2.5%
<b>Low</b>	ALM057529	8.43	09:30	8.61	0.18	2.1%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 4B	0.00	10:39	0.06	0.2
	15.17	10:41	14.88	-0.9
	0.00	11:58	0.07	0.3
	15.17	12:00	14.94	-0.8
	0.00	12:54	0.07	0.2
	15.17	12:58	14.98	-0.6



	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:48:30	20.7494	0.0851	0.6939
7:48:40	20.7494	0.0815	0.6802
7:48:50	21.0127	0.0803	0.6879
7:49:00	20.8581	0.0785	0.6742
7:49:10	20.8944	0.0779	0.6915
7:49:20	7.8762	0.0291	0.7385
7:49:30	0.2249	0.0255	0.7575
7:49:40	0.0571	0.0148	0.7325
7:49:50	0.0404	0.0053	0.7188
7:50:00	0.0327	0.0053	0.7254
7:50:10	0.0267	0.0053	0.7373
7:50:20	0.0208	0.0053	0.7373
7:50:30	0.019	0.0059	0.7552
7:50:40	0.0172	0.0071	0.704
<b>N2 Zero</b>	<b>0.019</b>	<b>0.0061</b>	<b>0.732167</b>
7:50:50	0.038	0.0071	0.6956
7:51:00	18.5862	16.991	0.6956
7:51:10	22.3783	18.9744	0.6915
7:51:20	22.4584	19.0852	0.704
7:51:30	22.4735	19.1134	0.7087
7:51:40	22.4831	19.131	0.6956
7:51:50	22.4871	19.1426	0.6802
7:52:00	22.4906	19.1587	0.698
7:52:10	22.4946	19.1617	0.7266
<b>O2/CO2 Span</b>	<b>22.49077</b>	<b>19.15433</b>	<b>0.7016</b>
7:52:20	22.4584	19.0535	0.7165
7:52:30	19.4694	11.3725	0.6802
7:52:40	10.3501	10.0151	0.704
7:52:50	10.1287	10.0579	0.72
7:53:00	10.1037	10.0633	0.7177
7:53:10	10.0942	10.0615	0.7117
7:53:20	10.0924	10.0615	0.6855
7:53:30	10.0907	10.0603	0.673
7:53:40	10.0889	10.0579	0.682
<b>O2/CO2 10.1/10.0</b>	<b>10.09067</b>	<b>10.0599</b>	<b>0.680167</b>
7:53:50	10.0889	10.0663	0.6802
7:54:00	10.0865	10.0686	0.7861
7:54:10	12.5342	7.2835	0.7575
7:54:20	20.6351	0.141	0.6802
7:54:30	20.7207	0.1261	0.6879
7:54:40	20.7343	0.1112	0.6641

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:20:50	20.7625	0.0761	0.6397
8:21:00	20.761	0.0761	0.6409
8:21:10	20.7474	0.0946	0.5427
8:21:20	15.1604	4.0652	0.2166
8:21:30	13.8863	4.2693	0.4124
8:21:40	13.747	4.3645	0.5022
8:21:50	13.6899	4.4115	0.5528
8:22:00	13.6423	4.4603	0.5332
8:22:10	13.6173	4.4865	0.5266
8:22:20	13.65	4.5127	0.5106
8:22:30	13.4917	4.6216	0.4683
8:22:40	13.4155	4.6626	0.4177
8:22:50	13.3048	4.7704	0.3778
8:23:00	13.1519	4.8787	0.3332
8:23:10	12.965	5.0132	0.2951
8:23:20	12.799	5.1197	0.3285
8:23:30	14.2719	6.1183	0.3308
8:23:40	10.2186	9.7294	0.041
8:23:50	10.0752	9.8145	-0.009
8:24:00	10.0544	9.8467	-0.0512
8:24:10	10.0413	9.8633	-0.0881
8:24:20	10.0317	9.88	-0.0982
8:24:30	10.024	9.8901	-0.1179
8:24:40	10.0216	9.8978	-0.1191
8:24:50	10.0181	9.902	-0.1268
<b>O2/CO2 Bias</b>	<b>10.02123</b>	<b>9.896633</b>	<b>-0.12127</b>
8:25:00	10.0145	9.9068	-0.1328
8:25:10	10.0389	9.8294	0.0654
8:25:20	11.9902	5.8767	0.0404
8:25:30	2.4494	0.8682	-0.1203
8:25:40	0.3112	0.2945	-0.15
8:25:50	0.2005	0.2053	-0.1661
8:26:00	0.1487	0.1559	-0.1661
8:26:10	0.1184	0.1267	-0.1821
8:26:20	0.1011	0.1053	-0.0114
8:26:30	0.0803	0.088	-0.0191
8:26:40	0.0708	0.0785	-0.0227
8:26:50	0.0613	0.0696	-0.031
8:27:00	0.0517	0.0624	-0.0274
<b>Zero Bias</b>	<b>0.061267</b>	<b>0.070167</b>	<b>-0.02703</b>
8:27:10	0.0517	0.0571	-0.0024

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:27:20	6.1248	4.0289	2.5131
8:27:30	17.4401	0.2689	7.8524
8:27:40	20.1139	0.091	8.1946
8:27:50	20.2781	0.0726	8.2589
8:28:00	20.3581	0.0613	8.2827
9:22:10	0.0743	0.0291	0.1452
9:22:20	7.0443	3.9128	16.713
9:22:30	19.4618	0.1154	24.8865
9:22:40	20.2	0.0583	25.3487
9:22:50	20.3219	0.0434	25.468
9:23:00	20.3848	0.0339	25.531
9:23:10	20.4286	0.0273	25.0078
9:23:20	20.4573	0.0244	24.8109
9:23:30	20.4805	0.0214	24.819
9:23:40	20.4956	0.019	24.5612
9:23:50	19.8853	0.8379	8.7713
9:24:00	8.2958	0.7712	1.0384
9:24:10	0.5725	0.0761	0.0493
9:24:20	0.3285	0.0464	0.0184
9:24:30	0.2309	0.0327	0.0184
9:24:40	0.1737	0.0321	0.0047
9:24:50	0.1339	0.0261	-0.0036
9:25:00	0.1071	0.022	-0.0114
<b>Zero Bias</b>	<b>0.138233</b>	<b>0.026733</b>	<b>-0.00343</b>
9:25:10	0.0857	0.0184	-0.0137
9:25:20	0.0726	0.016	-0.009
9:25:30	1.377	1.3015	6.0409
9:25:40	16.2096	0.3338	23.3894
9:25:50	20.0454	0.0529	24.6312
9:26:00	20.2589	0.0327	24.7505
9:26:10	20.345	0.0238	24.8029
9:26:20	20.4004	0.0202	24.8336
9:26:30	20.4382	0.0166	24.8613
9:26:40	20.4649	0.0154	24.8955
<b>THC Span Bias</b>	<b>20.4345</b>	<b>0.0174</b>	<b>24.86347</b>
9:26:50	20.484	0.0339	24.9252
9:27:00	20.4976	0.0202	24.3784
9:27:10	19.2594	1.7115	12.1593
9:27:20	19.338	0.3951	14.8236
9:27:30	20.3868	0.0624	15.0283
9:27:40	20.4286	0.0398	15.0955

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:27:50	20.4442	0.0297	15.1277
9:28:00	20.4518	0.0261	15.1497
9:28:10	20.4573	0.0214	15.1658
9:28:20	20.4613	0.0184	15.1658
9:28:30	20.4649	0.016	15.1658
<b>THC Mid Bias</b>	<b>20.46117</b>	<b>0.0186</b>	<b>15.1658</b>
9:28:40	20.4689	0.0148	15.1658
9:28:50	20.4709	0.0154	10.4632
9:29:00	17.0277	1.7633	8.5582
9:29:10	20.4498	0.0755	8.5529
9:29:20	20.5298	0.0434	8.5838
9:29:30	20.5434	0.0321	8.5838
9:29:40	20.549	0.0267	8.6041
9:29:50	20.5565	0.0232	8.6148
9:30:00	20.5605	0.0208	8.6112
<b>THC Low Bias</b>	<b>20.55533</b>	<b>0.023567</b>	<b>8.610033</b>
9:30:10	20.5641	0.0202	8.5999
9:30:20	20.5626	0.0178	8.563
9:30:30	20.2841	0.4374	2.5613
9:30:40	11.529	6.7991	0.4695
9:30:50	11.025	6.9592	0.41
9:31:00	10.9506	7.0133	0.4005
9:31:10	10.9054	7.0514	0.3832
9:31:20	10.8405	7.102	0.3618
9:31:30	10.8018	7.1401	0.3368
9:31:40	10.7637	7.1556	0.3207
9:31:50	10.7179	7.1877	0.2999
9:32:00	10.6667	7.2175	0.2791
9:32:10	10.6001	7.2555	0.2666
9:32:20	10.5673	7.2716	0.2588
9:32:30	10.531	7.2924	0.2588
9:32:40	10.4566	7.3615	0.2564
9:32:50	10.3942	7.4085	0.2529
9:33:00	10.3745	7.4377	0.2356
9:33:10	10.3614	7.443	0.2356
9:33:20	10.4644	7.3692	0.2356
9:33:30	10.6001	7.2585	0.2356
9:33:40	10.7828	7.1425	0.2356
9:33:50	10.8381	7.1228	0.2279
9:34:00	10.7851	7.1752	0.2231
9:34:10	10.7488	7.2014	0.2315
9:34:20	10.6626	7.2651	0.2439

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:34:30	10.6477	7.2669	0.2303
9:34:40	10.653	7.2484	0.2255
9:34:50	10.7429	7.1681	0.2196

**Start Run 4B**

9:35:00	10.8518	7.08	0.2154
9:35:10	11.0059	6.9586	0.213
9:35:20	11.0922	6.9199	0.2207
9:35:30	11.0327	6.977	0.2196
9:35:40	10.9262	7.0532	0.2207
9:35:50	10.8441	7.1121	0.2047
9:36:00	10.7566	7.1562	0.213
9:36:10	10.7143	7.1859	0.213
9:36:20	10.7488	7.1347	0.2255
9:36:30	10.8363	7.0609	0.213
9:36:40	11.0042	6.93	0.2196
9:36:50	11.1494	6.8336	0.2207
9:37:00	11.1952	6.8372	0.2196
9:37:10	11.1797	6.8634	0.2279
9:37:20	11.1381	6.9134	0.2279
9:37:30	11.1131	6.9199	0.2255
9:37:40	11.1148	6.9199	0.213
9:37:50	11.1857	6.8461	0.213
9:38:00	11.2868	6.7664	0.213
9:38:10	11.4261	6.6485	0.213
9:38:20	11.5457	6.5771	0.213
9:38:30	11.5362	6.5991	0.213
9:38:40	11.4582	6.6646	0.213
9:38:50	11.3362	6.7723	0.2047
9:39:00	11.2255	6.8366	0.2029
9:39:10	11.1624	6.8812	0.2047
9:39:20	11.1642	6.8568	0.2047
9:39:30	11.2505	6.7783	0.1934
9:39:40	11.3761	6.6747	0.2047
9:39:50	11.4582	6.6182	0.2106
9:40:00	11.4219	6.6622	0.213
9:40:10	11.3249	6.7509	0.213
9:40:20	11.2083	6.8431	0.2029
9:40:30	11.094	6.9145	0.1993
9:40:40	11.05	6.9419	0.1993
9:40:50	11.0541	6.9259	0.191
9:41:00	11.1434	6.8479	0.1969
9:41:10	11.2696	6.7426	0.2071
9:41:20	11.4011	6.6497	0.1993

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:41:30	11.4297	6.6485	0.1821
9:41:40	11.363	6.7045	0.1993
9:41:50	11.2868	6.7723	0.2029
9:42:00	11.1738	6.8503	0.2106
9:42:10	11.1184	6.8884	0.1969
9:42:20	11.0994	6.8878	0.2047
9:42:30	11.1952	6.8039	0.2047
9:42:40	11.313	6.6967	0.213
9:42:50	11.4487	6.6015	0.213
9:43:00	11.5023	6.5783	0.213
9:43:10	11.4201	6.6587	0.213
9:43:20	11.3035	6.7687	0.219
9:43:30	11.1797	6.8533	0.2207
9:43:40	11.1285	6.8806	0.2154
9:43:50	11.1261	6.8747	0.213
9:44:00	11.1815	6.8152	0.2154
9:44:10	11.3017	6.7188	0.2047
9:44:20	11.4374	6.6152	0.2071
9:44:30	11.4927	6.586	0.213
9:44:40	11.4064	6.6711	0.2047
9:44:50	11.3249	6.7342	0.213
9:45:00	11.2065	6.8158	0.2047
9:45:10	11.1357	6.8515	0.2071
9:45:20	11.1053	6.8693	0.2029
9:45:30	11.1666	6.8122	0.1969
9:45:40	11.2654	6.7205	0.1969
9:45:50	11.4029	6.6176	0.1969
9:46:00	11.4755	6.5777	0.1868
9:46:10	11.0369	6.9342	0.1821
9:46:20	10.8536	7.0806	0.1809
9:46:30	10.7125	7.1734	0.1785
9:46:40	10.6209	7.2395	0.1821
9:46:50	10.4947	7.3186	0.1898
9:47:00	10.3579	7.4186	0.1898
9:47:10	10.2162	7.4995	0.1821
9:47:20	10.1537	7.5341	0.1821
9:47:30	10.0984	7.5222	0.219
9:47:40	12.1676	5.8523	0.2439
9:47:50	11.8189	6.4587	0.2196
9:48:00	11.0518	6.961	0.2094
9:48:10	10.4971	7.3639	0.1969
9:48:20	10.3329	7.4478	0.1898
9:48:30	10.371	7.4133	0.1898
9:48:40	10.4626	7.346	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:48:50	10.6227	7.2311	0.1898
9:49:00	10.7697	7.1341	0.1898
9:49:10	10.8078	7.1377	0.1993
9:49:20	10.7524	7.1913	0.2047
9:49:30	10.6626	7.2651	0.2207
9:49:40	11.1131	6.6664	0.2356
9:49:50	11.2999	6.7539	0.2279
9:50:00	11.2481	6.8021	0.2196
9:50:10	11.094	6.9776	0.219
9:50:20	11.1071	6.9401	0.2207
9:50:30	11.2981	6.7908	0.2118
9:50:40	11.479	6.67	0.2207
9:50:50	11.4981	6.6836	0.2196
9:51:00	11.4546	6.7378	0.2196
9:51:10	11.3838	6.7967	0.2255
9:51:20	11.3398	6.8354	0.2279
9:51:30	11.0672	6.9991	0.2196
9:51:40	11.0785	6.8503	0.2196
9:51:50	11.1624	6.8836	0.2196
9:52:00	11.1738	6.8973	0.213
9:52:10	11.2315	6.8675	0.213
9:52:20	11.3207	6.7937	0.213
9:52:30	11.5118	6.6372	0.2047
9:52:40	11.7236	6.4754	0.213
9:52:50	11.8819	6.3629	0.2207
9:53:00	11.9331	6.3528	0.2207
9:53:10	11.8683	6.4117	0.2207
9:53:20	11.7748	6.4825	0.2207
9:53:30	11.7177	6.5128	0.213
9:53:40	11.6623	6.5444	0.213
9:53:50	11.6683	6.5134	0.213
9:54:00	11.7712	6.4295	0.213
9:54:10	11.8932	6.3242	0.213
9:54:20	11.9902	6.2558	0.213
9:54:30	11.9486	6.3087	0.213
9:54:40	11.8456	6.3968	0.213
9:54:50	11.7254	6.4908	0.2094
9:55:00	11.6106	6.5676	0.2047
9:55:10	11.5439	6.6099	0.2047
9:55:20	11.5362	6.5938	0.2047
9:55:30	11.6243	6.5158	0.213
9:55:40	11.7236	6.4504	0.2047
9:55:50	11.7558	6.4313	0.2047
9:56:00	11.7117	6.4825	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:56:10	11.5862	6.5765	0.2047
9:56:20	11.4695	6.6723	0.2047
9:56:30	11.3803	6.7348	0.2047
9:56:40	11.3172	6.7717	0.219
9:56:50	11.3535	6.7336	0.2207
9:57:00	11.4546	6.6444	0.2207
9:57:10	11.5939	6.5426	0.2255
9:57:20	11.6451	6.5265	0.2279
9:57:30	11.5612	6.6116	0.213
9:57:40	11.4773	6.6914	0.213
9:57:50	11.3571	6.7801	0.213
9:58:00	11.2999	6.8205	0.2207
9:58:10	11.2749	6.8312	0.2207
9:58:20	11.3398	6.7646	0.2207
9:58:30	11.4713	6.6479	0.213
9:58:40	11.6165	6.542	0.2154
9:58:50	11.6433	6.5474	0.2094
9:59:00	11.5653	6.6176	0.1993
9:59:10	11.46	6.7027	0.1969
9:59:20	11.3725	6.7539	0.2047
9:59:30	11.3303	6.7711	0.2047
9:59:40	11.3553	6.739	0.2047
9:59:50	11.4279	6.6694	0.2047
10:00:00	11.5534	6.5634	0.2118
10:00:10	11.6719	6.4754	0.2071
10:00:20	11.6546	6.5188	0.2047
10:00:30	11.5552	6.5997	0.2047
10:00:40	11.46	6.6765	0.2118
10:00:50	11.382	6.7271	0.2017
10:01:00	11.3207	6.7634	0.2047
10:01:10	11.3267	6.7432	0.213
10:01:20	11.4047	6.6801	0.213
10:01:30	11.5499	6.5622	0.2047
10:01:40	11.6493	6.498	0.1993
10:01:50	11.6201	6.5414	0.2029
10:02:00	11.5118	6.6414	0.1969
10:02:10	11.3934	6.7348	0.1969
10:02:20	11.3154	6.7908	0.1969
10:02:30	11.2505	6.8312	0.1969
10:02:40	11.2731	6.7973	0.1898
10:02:50	11.3761	6.7074	0.1946
10:03:00	11.5154	6.6075	0.1969
10:03:10	11.5862	6.5581	0.2047
10:03:20	11.5362	6.6093	0.1969



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:03:30	11.4677	6.6717	0.2047
10:03:40	11.3553	6.761	0.2029
10:03:50	11.2827	6.8164	0.2047
10:04:00	11.2446	6.8419	0.2047
10:04:10	11.3035	6.786	0.2106
10:04:20	11.4047	6.6991	0.2154
10:04:30	11.5386	6.6009	0.2047
10:04:40	11.5766	6.5932	0.213
10:04:50	11.5267	6.645	0.2196
10:05:00	11.4279	6.7217	0.2231
10:05:10	11.3475	6.7884	0.2279
10:05:20	11.2541	6.8479	0.2207
10:05:30	11.2237	6.8646	0.2142
10:05:40	11.2291	6.8509	0.2196
10:05:50	11.3112	6.7777	0.2207
10:06:00	11.4427	6.667	0.2196
10:06:10	11.5844	6.5634	0.2207
10:06:20	11.5939	6.5777	0.2356
10:06:30	11.5499	6.6158	0.2178
10:06:40	11.485	6.6676	0.2207
10:06:50	11.4142	6.7307	0.213
10:07:00	11.3588	6.767	0.2154
10:07:10	11.2749	6.8366	0.2207
10:07:20	11.2255	6.861	0.213
10:07:30	11.2101	6.8729	0.213
10:07:40	11.2523	6.8217	0.213
10:07:50	11.382	6.7229	0.213
10:08:00	11.5362	6.6021	0.2207
10:08:10	11.6397	6.5343	0.2196
10:08:20	11.6225	6.5616	0.213
10:08:30	11.5267	6.6503	0.213
10:08:40	11.4088	6.7408	0.2047
10:08:50	11.3207	6.805	0.2047
10:09:00	11.2654	6.8366	0.2047
10:09:10	11.3059	6.7943	0.2071
10:09:20	11.4064	6.7128	0.2047
10:09:30	11.5308	6.6116	0.1969
10:09:40	11.5749	6.6015	0.1993
10:09:50	11.466	6.7015	0.1969
10:10:00	11.344	6.8021	0.1969
10:10:10	11.2559	6.8473	0.2047
10:10:20	11.2351	6.8586	0.2047
10:10:30	11.2844	6.8068	0.2047
10:10:40	11.3934	6.7229	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:10:50	11.5386	6.6027	0.219
10:11:00	11.6945	6.4908	0.213
10:11:10	11.7403	6.4694	0.213
10:11:20	11.6814	6.5253	0.213
10:11:30	11.6034	6.5944	0.213
10:11:40	11.5136	6.6557	0.213
10:11:50	11.4808	6.6747	0.2118
10:12:00	11.5326	6.6158	0.2118
10:12:10	11.6606	6.5039	0.2118
10:12:20	11.851	6.354	0.2118
10:12:30	12.017	6.2201	0.213
10:12:40	12.0742	6.1951	0.213
10:12:50	12.0343	6.2343	0.2196
10:13:00	11.9539	6.2998	0.2196
10:13:10	11.8724	6.3581	0.213
10:13:20	11.8076	6.3998	0.2196
10:13:30	11.8361	6.354	0.213
10:13:40	11.9176	6.279	0.213
10:13:50	12.042	6.1665	0.213
10:14:00	12.1218	6.1094	0.213
10:14:10	12.0724	6.1629	0.213
10:14:20	11.9944	6.2308	0.213
10:14:30	11.87	6.3415	0.2047
10:14:40	11.7921	6.4033	0.213
10:14:50	11.748	6.4212	0.2047
10:15:00	11.8034	6.3647	0.2047
10:15:10	11.8968	6.2796	0.2047
10:15:20	12.0248	6.1736	0.2047
10:15:30	12.0783	6.1391	0.213
10:15:40	12.0361	6.182	0.1969
10:15:50	11.9046	6.2903	0.213
10:16:00	11.7843	6.3694	0.213
10:16:10	11.6986	6.426	0.2047
10:16:20	11.6796	6.4266	0.2094
10:16:30	11.7141	6.3855	0.213
10:16:40	11.8266	6.2915	0.2207
10:16:50	11.9218	6.2201	0.2106
10:17:00	11.9236	6.2391	0.2071
10:17:10	11.8266	6.32	0.2094
10:17:20	11.6969	6.4337	0.1957
10:17:30	11.5689	6.523	0.2047
10:17:40	11.504	6.567	0.213
10:17:50	11.485	6.5724	0.2094
10:18:00	11.5457	6.5128	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:18:10	11.6606	6.4158	0.2142
10:18:20	11.7671	6.3349	0.2118
10:18:30	11.7635	6.3563	0.2118
10:18:40	11.7177	6.3885	0.2047
10:18:50	11.6338	6.4581	0.1969
10:19:00	11.5915	6.4879	0.213
10:19:10	11.5862	6.4879	0.213
10:19:20	11.6623	6.4206	0.213
10:19:30	11.7998	6.2938	0.213
10:19:40	11.9772	6.1611	0.213
10:19:50	12.0533	6.1064	0.2196
10:20:00	12.0135	6.1492	0.2154
10:20:10	11.9373	6.207	0.2118
10:20:20	11.8189	6.301	0.213
10:20:30	11.748	6.3498	0.213
10:20:40	11.7159	6.3611	0.2118
10:20:50	11.773	6.3063	0.2196
10:21:00	11.8724	6.2099	0.2279
10:21:10	12.0117	6.1034	0.2356
10:21:20	12.0801	6.0374	0.2356
10:21:30	12.0724	6.0683	0.2196
10:21:40	11.9944	6.1421	0.2356
10:21:50	11.8873	6.223	0.2356
10:22:00	11.7903	6.3046	0.2255
10:22:10	11.7141	6.3474	0.213
10:22:20	11.6778	6.3736	0.213
10:22:30	11.7004	6.3397	0.213
10:22:40	11.7956	6.2599	0.2207
10:22:50	11.9046	6.1641	0.2207
10:23:00	12.0515	6.0463	0.213
10:23:10	12.0819	6.0338	0.2047
10:23:20	12.0212	6.0927	0.213
10:23:30	11.9391	6.1611	0.2118
10:23:40	11.8189	6.2456	0.2118
10:23:50	11.7427	6.3046	0.1969
10:24:00	11.7022	6.3206	0.2071
10:24:10	11.7522	6.2772	0.213
10:24:20	11.8647	6.1772	0.213
10:24:30	11.9772	6.0915	0.213
10:24:40	12.0248	6.0713	0.213
10:24:50	11.9635	6.1338	0.213
10:25:00	11.8492	6.2308	0.213
10:25:10	11.7463	6.3182	0.2047
10:25:20	11.6641	6.3736	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:25:30	11.6052	6.4099	0.1969
10:25:40	11.6683	6.3498	0.2047
10:25:50	11.7921	6.2558	0.2047
10:26:00	11.9391	6.1284	0.2071
10:26:10	12.0022	6.0915	0.213
10:26:20	11.9676	6.1248	0.213
10:26:30	11.9028	6.1849	0.2178
10:26:40	11.7885	6.2683	0.2047
10:26:50	11.7254	6.3171	0.2047
10:27:00	11.6986	6.329	0.2041
10:27:10	11.748	6.2808	0.2047
10:27:20	11.8534	6.1855	0.2047
10:27:30	11.9712	6.0933	0.1892
10:27:40	12.0515	6.0362	0.2029
10:27:50	12.0117	6.0743	0.213
10:28:00	11.9046	6.1611	0.2118
10:28:10	11.7861	6.2552	0.2047
10:28:20	11.7082	6.3087	0.2118
10:28:30	11.6754	6.3242	0.2196
10:28:40	11.7195	6.2802	0.213
10:28:50	11.8189	6.1843	0.2047
10:29:00	11.9444	6.0933	0.2047
10:29:10	11.9998	6.0534	0.213
10:29:20	11.9712	6.0933	0.2142
10:29:30	11.8855	6.1659	0.2196
10:29:40	11.779	6.2635	0.2118
10:29:50	11.6754	6.3415	0.2196
10:30:00	11.6243	6.3688	0.2196
10:30:10	11.6701	6.3278	0.2231
10:30:20	11.773	6.2397	0.2196
10:30:30	11.9063	6.1367	0.2279
10:30:40	12.0039	6.0653	0.2279
10:30:50	11.9962	6.085	0.2279
10:31:00	11.9141	6.1641	0.2047
10:31:10	11.8111	6.2427	0.213
10:31:20	11.7332	6.3087	0.213
10:31:30	11.7004	6.3266	0.2047
10:31:40	11.7385	6.2903	0.213
10:31:50	11.8284	6.2099	0.2094
10:32:00	11.9539	6.1076	0.213
10:32:10	12.0456	6.0504	0.2047
10:32:20	12.0093	6.0903	0.213
10:32:30	11.9254	6.1617	0.2047
10:32:40	11.8242	6.2611	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:32:50	11.729	6.329	0.1969
10:33:00	11.6814	6.351	0.2106
10:33:10	11.704	6.3296	0.213
10:33:20	11.7808	6.2581	0.213
10:33:30	11.9331	6.1403	0.2094
10:33:40	12.017	6.0873	0.2047
10:33:50	12.0438	6.0802	0.2047
10:34:00	11.9789	6.1439	0.2106
10:34:10	11.9081	6.2105	0.2106
10:34:20	11.8361	6.2689	0.213
10:34:30	11.7593	6.326	0.213
10:34:40	11.704	6.3795	0.2106
10:34:50	11.6165	6.4313	0.213
10:35:00	11.5957	6.4444	0.2047
10:35:10	11.6493	6.3849	0.213
10:35:20	11.7403	6.3105	0.213
10:35:30	11.8915	6.1808	0.213
10:35:40	12.0135	6.0957	0.213
10:35:50	12.0361	6.0939	0.213
10:36:00	11.9599	6.1582	0.213
10:36:10	11.8492	6.2552	0.2207
10:36:20	11.7689	6.3105	0.213
10:36:30	11.71	6.3528	0.2071
10:36:40	11.7349	6.323	0.2041
10:36:50	11.798	6.2647	0.2047
10:37:00	11.9349	6.148	0.2047
10:37:10	12.017	6.0885	0.1969
10:37:20	11.9962	6.101	0.1969
10:37:30	11.9236	6.1736	0.1969

**Start Bias Calibration**

10:37:40	11.7861	6.2825	0.2118
10:37:50	12.1432	5.5988	0.4576
10:38:00	1.6425	0.3719	0.0791
10:38:10	0.2636	0.21	0.0678
10:38:20	0.1624	0.1505	0.0708
10:38:30	0.1315	0.1237	0.069
10:38:40	0.1029	0.1023	0.0654
10:38:50	0.0803	0.0862	0.0708
10:39:00	0.0726	0.0797	0.0708
10:39:10	0.0666	0.0755	0.0666
10:39:20	0.0517	0.0654	0.0493
10:39:30	0.038	0.0708	0.0493

**Zero Bias**                      **0.0521**    **0.070567**    **0.055067**

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:39:40	0.038	0.0613	0.041
10:39:50	0.0327	0.0553	0.041
10:40:00	0.2922	0.2672	1.3187
10:40:10	12.4253	0.7724	12.9168
10:40:20	19.849	0.094	14.6129
10:40:30	20.133	0.0666	14.7355
10:40:40	20.2302	0.0541	14.7962
10:40:50	20.3027	0.0458	14.8373
10:41:00	20.3355	0.041	14.8557
10:41:10	20.3697	0.0357	14.8736
10:41:20	20.3888	0.0339	14.8843
10:41:30	20.4039	0.0297	14.8884
<b>THC Mid Bias</b>	<b>20.38747</b>	<b>0.0331</b>	<b>14.8821</b>
10:41:40	20.4191	0.0267	14.8884
10:41:50	20.4286	0.0345	9.908
10:42:00	14.2582	5.3595	0.77
10:42:10	12.2842	5.9195	0.429
10:42:20	12.2134	5.96	0.4017
10:42:30	12.0593	6.1058	0.3832
<b>Resume Run 4B</b>			
10:42:40	11.8873	6.2498	0.3707
10:42:50	11.6927	6.4087	0.3368
10:43:00	11.5576	6.5146	0.316
10:43:10	11.4886	6.5593	0.2951
10:43:20	11.5076	6.5432	0.2791
10:43:30	11.5802	6.4748	0.2666
10:43:40	11.6909	6.3879	0.2588
10:43:50	11.7349	6.3665	0.2517
10:44:00	11.6588	6.4391	0.2439
10:44:10	11.5576	6.5277	0.2368
10:44:20	11.4088	6.639	0.2291
10:44:30	11.3267	6.6944	0.2291
10:44:40	11.2654	6.7295	0.2356
10:44:50	11.2963	6.6997	0.2291
10:45:00	11.338	6.6551	0.2356
10:45:10	11.3725	6.639	0.2368
10:45:20	11.2868	6.7205	0.2279
10:45:30	11.1357	6.8443	0.2291
10:45:40	10.9411	6.9943	0.2279
10:45:50	10.7965	7.0895	0.2207
10:46:00	10.6798	7.1663	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:46:10	10.6703	7.1585	0.2207
10:46:20	10.7179	7.1193	0.2207
10:46:30	10.8363	7.0258	0.2207
10:46:40	10.9202	6.9758	0.2207
10:46:50	10.8572	7.0479	0.2207
10:47:00	10.7637	7.1211	0.2207
10:47:10	10.6227	7.2329	0.2207
10:47:20	10.531	7.296	0.2207
10:47:30	10.4513	7.3484	0.2207
10:47:40	10.4626	7.3258	0.213
10:47:50	10.5138	7.277	0.2279
10:48:00	10.6608	7.1699	0.2291
10:48:10	10.7256	7.1401	0.2368
10:48:20	10.6572	7.2103	0.2047
10:48:30	10.5656	7.2752	0.2047
10:48:40	10.4132	7.3841	0.2154
10:48:50	10.3347	7.418	0.2207
10:49:00	10.2906	7.4287	0.2207
10:49:10	10.346	7.3883	0.2207
10:49:20	10.4453	7.2948	0.2291
10:49:30	10.5959	7.1853	0.2279
10:49:40	10.6554	7.1693	0.2356
10:49:50	10.5542	7.2567	0.2356
10:50:00	10.4073	7.3645	0.2356
10:50:10	10.287	7.4466	0.2356
10:50:20	10.2716	7.446	0.2356
10:50:30	10.2603	7.4448	0.2219
10:50:40	10.3483	7.3704	0.2196
10:50:50	10.4739	7.2758	0.2207
10:51:00	10.6132	7.18	0.2207
10:51:10	10.6667	7.1615	0.2279
10:51:20	10.5786	7.2472	0.2207
10:51:30	10.4513	7.3543	0.2207
10:51:40	10.3483	7.4246	0.2196
10:51:50	10.2966	7.4644	0.2279
10:52:00	10.2888	7.4561	0.2196
10:52:10	10.3674	7.3966	0.2255
10:52:20	10.4947	7.296	0.2219
10:52:30	10.634	7.2073	0.2207
10:52:40	10.6745	7.2056	0.2196
10:52:50	10.5959	7.2734	0.2207
10:53:00	10.4971	7.3561	0.219
10:53:10	10.4281	7.3859	0.213
10:53:20	10.3977	7.4115	0.2154

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:53:30	10.4263	7.3811	0.2207
10:53:40	10.5429	7.2966	0.2207
10:53:50	10.7161	7.1627	0.2207
10:54:00	10.8328	7.1002	0.2207
10:54:10	10.8232	7.1324	0.2356
10:54:20	10.7542	7.1865	0.2219
10:54:30	10.6417	7.2734	0.2231
10:54:40	10.5882	7.2978	0.2392
10:54:50	10.5542	7.3216	0.2356
10:55:00	10.581	7.2788	0.2356
10:55:10	10.684	7.2026	0.2356
10:55:20	10.8363	7.0877	0.2392
10:55:30	10.9167	7.0455	0.2439
10:55:40	10.8691	7.0907	0.2493
10:55:50	10.781	7.1704	0.2439
10:56:00	10.6304	7.2835	0.2439
10:56:10	10.556	7.3216	0.2416
10:56:20	10.4989	7.3627	0.2291
10:56:30	10.5293	7.318	0.2279
10:56:40	10.634	7.2341	0.2315
10:56:50	10.7732	7.1324	0.2356
10:57:00	10.8459	7.102	0.2356
10:57:10	10.7506	7.1925	0.2356
10:57:20	10.678	7.2514	0.2356
10:57:30	10.5751	7.3258	0.2517
10:57:40	10.5275	7.3508	0.2356
10:57:50	10.5102	7.3484	0.2356
10:58:00	10.5786	7.2948	0.2356
10:58:10	10.6893	7.2073	0.2439
10:58:20	10.831	7.1086	0.2517
10:58:30	10.9012	7.0782	0.2517
10:58:40	10.8381	7.1365	0.2517
10:58:50	10.7947	7.1716	0.2517
10:59:00	10.7602	7.1925	0.2439
10:59:10	10.7584	7.196	0.2439
10:59:20	10.781	7.1699	0.2368
10:59:30	10.9298	7.0544	0.2356
10:59:40	11.0827	6.9431	0.2196
10:59:50	11.1874	6.8771	0.2392
11:00:00	11.1624	6.9217	0.2356
11:00:10	11.0654	6.9937	0.2356
11:00:20	10.9678	7.0734	0.2356
11:00:30	10.8994	7.1109	0.2356
11:00:40	10.8857	7.1163	0.2303



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:00:50	10.9625	7.0437	0.2207
11:01:00	11.1071	6.9342	0.213
11:01:10	11.2773	6.805	0.213
11:01:20	11.4279	6.7039	0.2047
11:01:30	11.4487	6.7051	0.2071
11:01:40	11.4124	6.7503	0.2047
11:01:50	11.3422	6.8104	0.2118
11:02:00	11.2904	6.8497	0.2118
11:02:10	11.2714	6.864	0.213
11:02:20	11.3077	6.8312	0.2118
11:02:30	11.4047	6.7568	0.2118
11:02:40	11.5576	6.6426	0.213
11:02:50	11.6564	6.5694	0.2118
11:03:00	11.6397	6.6009	0.213
11:03:10	11.5689	6.6557	0.2207
11:03:20	11.4582	6.7426	0.2196
11:03:30	11.4124	6.7741	0.1993
11:03:40	11.3588	6.805	0.1969
11:03:50	11.4011	6.7551	0.2047
11:04:00	11.4927	6.6747	0.1969
11:04:10	11.6296	6.5688	0.2047
11:04:20	11.7022	6.5158	0.219
11:04:30	11.6891	6.542	0.2118
11:04:40	11.6201	6.617	0.213
11:04:50	11.5534	6.6664	0.2047
11:05:00	11.4963	6.7045	0.2071
11:05:10	11.4564	6.7378	0.2142
11:05:20	11.4047	6.7771	0.1993
11:05:30	11.3666	6.8098	0.2005
11:05:40	11.3321	6.8271	0.213
11:05:50	11.3112	6.8402	0.2047
11:06:00	11.3303	6.8187	0.2047
11:06:10	11.4047	6.7604	0.213
11:06:20	11.5195	6.6616	0.2047
11:06:30	11.6451	6.5712	0.2071
11:06:40	11.6814	6.5521	0.213
11:06:50	11.6296	6.5974	0.2017
11:07:00	11.5612	6.6473	0.2041
11:07:10	11.4808	6.7021	0.2041
11:07:20	11.4201	6.7408	0.2118
11:07:30	11.3684	6.786	0.213
11:07:40	11.3267	6.808	0.213
11:07:50	11.2749	6.8515	0.2071
11:08:00	11.2315	6.8806	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:08:10	11.1684	6.9366	0.2118
11:08:20	11.1089	6.9889	0.2196
11:08:30	11.0178	7.0836	0.2356
11:08:40	10.9678	7.13	0.2392
11:08:50	10.9339	7.1663	0.2517
11:09:00	10.9548	7.1514	0.2517
11:09:10	11.0595	7.0705	0.2564
11:09:20	11.2047	6.9592	0.2588
11:09:30	11.2844	6.911	0.2678
11:09:40	11.2672	6.9449	0.2826
11:09:50	11.1511	7.0508	0.2588
11:10:00	11.0291	7.1318	0.2588
11:10:10	10.9833	7.1621	0.2666
11:10:20	10.9565	7.1681	0.2666
11:10:30	10.9946	7.1246	0.2588
11:10:40	11.0803	7.0401	0.2624
11:10:50	11.1761	6.9633	0.2588
11:11:00	11.1874	6.9729	0.2666
11:11:10	11.0845	7.0568	0.2612
11:11:20	10.947	7.1556	0.2564
11:11:30	10.85	7.2127	0.2576
11:11:40	10.7756	7.2484	0.2416
11:11:50	10.7542	7.2377	0.2392
11:12:00	10.8191	7.1853	0.2439
11:12:10	10.9678	7.0538	0.2487
11:12:20	11.0785	6.9812	0.2517
11:12:30	11.0768	6.9991	0.2517
11:12:40	10.9946	7.0651	0.2439
11:12:50	10.8708	7.1681	0.2439
11:13:00	10.7774	7.2216	0.2439
11:13:10	10.7084	7.2639	0.2439
11:13:20	10.7143	7.2448	0.2517
11:13:30	10.7965	7.1788	0.2517
11:13:40	10.9262	7.0693	0.2416
11:13:50	11.0137	7.0121	0.2356
11:14:00	10.9833	7.0484	0.2356
11:14:10	10.8744	7.1383	0.2356
11:14:20	10.7411	7.227	0.2279
11:14:30	10.6721	7.2716	0.2196
11:14:40	10.6435	7.2823	0.2196
11:14:50	10.6703	7.2425	0.2279
11:15:00	10.7661	7.1669	0.2368
11:15:10	10.8935	7.0639	0.2344
11:15:20	10.9601	7.03	0.2439

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:15:30	10.9167	7.0776	0.2428
11:15:40	10.8476	7.133	0.238
11:15:50	10.7298	7.2186	0.2303
11:16:00	10.6798	7.249	0.2196
11:16:10	10.6227	7.2936	0.2207
11:16:20	10.6608	7.2561	0.2279
11:16:30	10.7542	7.1829	0.2279
11:16:40	10.8631	7.108	0.2338
11:16:50	10.8631	7.1341	0.2267
11:17:00	10.7661	7.2139	0.2207
11:17:10	10.634	7.3151	0.2315
11:17:20	10.5162	7.3918	0.2315
11:17:30	10.4376	7.4448	0.2356
11:17:40	10.4132	7.443	0.2416
11:17:50	10.5066	7.3811	0.2439
11:18:00	10.6364	7.2722	0.2517
11:18:10	10.7566	7.2002	0.2439
11:18:20	10.7352	7.2347	0.2439
11:18:30	10.653	7.3049	0.2356
11:18:40	10.5542	7.3817	0.2315
11:18:50	10.4662	7.4359	0.2356
11:19:00	10.4073	7.4621	0.2291
11:19:10	10.4281	7.4359	0.2231
11:19:20	10.5233	7.3567	0.2291
11:19:30	10.6876	7.2234	0.2279
11:19:40	10.7869	7.1728	0.2344
11:19:50	10.7488	7.2222	0.2356
11:20:00	10.6608	7.2913	0.2279
11:20:10	10.5542	7.3746	0.2279
11:20:20	10.4531	7.4382	0.2356
11:20:30	10.3864	7.4864	0.2279
11:20:40	10.39	7.4704	0.2196
11:20:50	10.4799	7.399	0.2207
11:21:00	10.6227	7.2936	0.2279
11:21:10	10.6762	7.2758	0.2356
11:21:20	10.6304	7.3204	0.2356
11:21:30	10.5501	7.3829	0.2356
11:21:40	10.4358	7.4674	0.2279
11:21:50	10.3406	7.5251	0.2279
11:22:00	10.2853	7.5573	0.2344
11:22:10	10.3329	7.5085	0.2315
11:22:20	10.4376	7.4246	0.2255
11:22:30	10.5846	7.3234	0.2338
11:22:40	10.6382	7.302	0.2356

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:22:50	10.5501	7.3906	0.2356
11:23:00	10.4549	7.4543	0.2356
11:23:10	10.3442	7.5216	0.2356
11:23:20	10.2906	7.5507	0.2279
11:23:30	10.2567	7.5638	0.2255
11:23:40	10.3424	7.4894	0.2207
11:23:50	10.4471	7.4061	0.2166
11:24:00	10.581	7.3049	0.2231
11:24:10	10.6364	7.2924	0.2207
11:24:20	10.5596	7.3591	0.2207
11:24:30	10.4799	7.4192	0.213
11:24:40	10.4073	7.4585	0.2106
11:24:50	10.3823	7.471	0.2356
11:25:00	10.3864	7.4513	0.2356
11:25:10	10.4703	7.3871	0.2356
11:25:20	10.6001	7.2746	0.2356
11:25:30	10.7298	7.196	0.2279
11:25:40	10.7465	7.2151	0.2279
11:25:50	10.6554	7.2782	0.2279
11:26:00	10.581	7.3454	0.2178
11:26:10	10.4947	7.3942	0.213
11:26:20	10.4531	7.4204	0.2196
11:26:30	10.4436	7.4103	0.2207
11:26:40	10.5179	7.3573	0.2279
11:26:50	10.6269	7.2645	0.2207
11:27:00	10.7429	7.1919	0.2207
11:27:10	10.7506	7.2133	0.2338
11:27:20	10.6703	7.2853	0.2279
11:27:30	10.5733	7.3609	0.2207
11:27:40	10.4816	7.4222	0.213
11:27:50	10.4299	7.4615	0.2279
11:28:00	10.4436	7.4359	0.2338
11:28:10	10.4912	7.3942	0.2291
11:28:20	10.6286	7.2895	0.2279
11:28:30	10.7221	7.2311	0.2279
11:28:40	10.7012	7.2674	0.2291
11:28:50	10.6191	7.3299	0.2279
11:29:00	10.512	7.4192	0.2315
11:29:10	10.434	7.4668	0.2279
11:29:20	10.3614	7.5132	0.2279
11:29:30	10.4037	7.465	0.2291
11:29:40	10.4852	7.4103	0.2231
11:29:50	10.5923	7.321	0.2279
11:30:00	10.6572	7.2889	0.2279

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:30:10	10.6132	7.3365	0.2207
11:30:20	10.562	7.3734	0.2279
11:30:30	10.4816	7.4311	0.2279
11:30:40	10.4549	7.4371	0.2439
11:30:50	10.4453	7.4406	0.2338
11:31:00	10.5293	7.3674	0.2207
11:31:10	10.6149	7.296	0.2207
11:31:20	10.7982	7.1645	0.2207
11:31:30	10.8899	7.1163	0.213
11:31:40	10.9506	7.0961	0.2207
11:31:50	10.947	7.1133	0.2207
11:32:00	10.9411	7.1324	0.2196
11:32:10	10.9339	7.149	0.2207
11:32:20	10.9452	7.1437	0.213
11:32:30	10.9298	7.1544	0.2047
11:32:40	11.0119	7.0788	0.213
11:32:50	11.1357	6.9883	0.1969
11:33:00	11.2904	6.8747	0.2154
11:33:10	11.3856	6.8152	0.213
11:33:20	11.3553	6.8622	0.2178
11:33:30	11.2868	6.9217	0.213
11:33:40	11.2005	6.9919	0.2267
11:33:50	11.1607	7.0151	0.2142
11:34:00	11.1184	7.0365	0.213
11:34:10	11.1624	6.9907	0.2047
11:34:20	11.241	6.9205	0.2047
11:34:30	11.3761	6.8134	0.1969
11:34:40	11.4487	6.7485	0.213
11:34:50	11.4106	6.792	0.2196
11:35:00	11.3017	6.8866	0.2094
11:35:10	11.191	6.9776	0.2047
11:35:20	11.0898	7.0371	0.2071
11:35:30	11.025	7.0883	0.2071
11:35:40	10.9833	7.102	0.2196
11:35:50	11.0768	7.0246	0.2196
11:36:00	11.2083	6.9247	0.2118
11:36:10	11.3267	6.8396	0.213
11:36:20	11.338	6.8473	0.213
11:36:30	11.3017	6.8777	0.219
11:36:40	11.2464	6.9288	0.2196
11:36:50	11.1988	6.9633	0.2207
11:37:00	11.1511	7.0104	0.2154
11:37:10	11.1113	7.0365	0.2196
11:37:20	11.0785	7.0717	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:37:30	11.0518	7.1086	0.2267
11:37:40	10.9815	7.1925	0.2356
11:37:50	10.9375	7.2407	0.2356
11:38:00	10.9125	7.2722	0.2439
11:38:10	11.0119	7.202	0.2517
11:38:20	11.1131	7.133	0.2588
11:38:30	11.2636	7.0217	0.26
11:38:40	11.3517	6.9758	0.2517
11:38:50	11.313	7.0205	0.26
11:39:00	11.2368	7.0949	0.2588
11:39:10	11.1053	7.2079	0.2541
11:39:20	11.0482	7.2514	0.2564
11:39:30	11.044	7.2478	0.2517
11:39:40	11.1244	7.1782	0.2439
11:39:50	11.2065	7.0943	0.2517
11:40:00	11.3553	6.9752	0.2517
11:40:10	11.4451	6.9151	0.2564
11:40:20	11.4166	6.9485	0.2517
11:40:30	11.3285	7.0193	0.2517
11:40:40	11.2333	7.08	0.2439
11:40:50	11.1666	7.1228	0.2439
11:41:00	11.1357	7.1282	0.2356
11:41:10	11.1874	7.0836	0.2356
11:41:20	11.2791	7.0002	0.2356
11:41:30	11.4088	6.8943	0.2255
11:41:40	11.4166	6.9068	0.2196
11:41:50	11.3493	6.977	0.2279
11:42:00	11.1988	7.1032	0.2279
11:42:10	11.0327	7.2121	0.2279
11:42:20	10.9798	7.2329	0.2279
11:42:30	10.9678	7.221	0.2231
11:42:40	11.025	7.1639	0.2279
11:42:50	11.1452	7.0556	0.2196
11:43:00	11.2749	6.9562	0.213
11:43:10	11.3059	6.9395	0.213
11:43:20	11.2333	6.9985	0.2196
11:43:30	11.1208	7.0931	0.2196
11:43:40	11.0059	7.1627	0.2207
11:43:50	10.9262	7.2192	0.213
11:44:00	10.928	7.1972	0.2047
11:44:10	10.9774	7.1532	0.213
11:44:20	11.1053	7.0455	0.2142
11:44:30	11.2291	6.9532	0.2196
11:44:40	11.2481	6.9431	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:44:50	11.197	6.9919	0.2207
11:45:00	11.0595	7.1086	0.2207
11:45:10	10.953	7.1734	0.2207
11:45:20	10.8822	7.221	0.213
11:45:30	10.8857	7.2085	0.2207
11:45:40	10.9548	7.1437	0.213
11:45:50	11.1071	7.0264	0.213
11:46:00	11.2083	6.9538	0.213
11:46:10	11.1988	6.9776	0.213
11:46:20	11.1053	7.0532	0.213
11:46:30	10.9911	7.1294	0.213
11:46:40	10.9107	7.1812	0.2196
11:46:50	10.8726	7.1966	0.213
11:47:00	10.9054	7.1597	0.2047
11:47:10	11.0083	7.0752	0.213
11:47:20	11.1571	6.9675	0.213
11:47:30	11.2481	6.9128	0.213
11:47:40	11.1797	6.9967	0.213
11:47:50	11.0482	7.0961	0.2154
11:48:00	10.9071	7.2026	0.2207
11:48:10	10.8268	7.2532	0.2196
11:48:20	10.7524	7.3133	0.213
11:48:30	10.7715	7.277	0.1969
11:48:40	10.8518	7.1978	0.2047
11:48:50	10.9565	7.1163	0.2196
11:49:00	10.9911	7.0949	0.2207
11:49:10	10.8935	7.1782	0.2207
11:49:20	10.781	7.2609	0.2071
11:49:30	10.6745	7.3329	0.2279
11:49:40	10.6269	7.3645	0.2207
11:49:50	10.5769	7.3883	0.2207
11:50:00	10.6245	7.3383	0.2196
11:50:10	10.7274	7.249	0.2207
11:50:20	10.8268	7.1829	0.2207
11:50:30	10.8232	7.2085	0.2207
11:50:40	10.7161	7.302	0.213
11:50:50	10.6019	7.3889	0.2106
11:51:00	10.4662	7.4734	0.2047
11:51:10	10.3942	7.5233	0.213
11:51:20	10.3823	7.5192	0.2047
11:51:30	10.4531	7.4573	0.213
11:51:40	10.562	7.3722	0.2071
11:51:50	10.659	7.3121	0.2047
11:52:00	10.6286	7.3502	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:52:10	10.5388	7.4115	0.213
11:52:20	10.4608	7.487	0.2047
11:52:30	10.3918	7.5293	0.2118
11:52:40	10.3347	7.5692	0.1993
11:52:50	10.365	7.5382	0.2005
11:53:00	10.4436	7.4853	0.2082
11:53:10	10.5941	7.3722	0.213
11:53:20	10.659	7.3478	0.2207
11:53:30	10.6072	7.3978	0.213
11:53:40	10.5138	7.4745	0.213
11:53:50	10.3787	7.5751	0.213
11:54:00	10.2906	7.6323	0.2047
11:54:10	10.2507	7.6567	0.2047
11:54:20	10.3079	7.5995	0.1969
11:54:30	10.3959	7.5317	0.213
11:54:40	10.5406	7.4299	0.213
11:54:50	10.5769	7.4222	0.2279
11:55:00	10.5197	7.4888	0.2291
11:55:10	10.4299	7.562	0.2207
11:55:20	10.3097	7.6352	0.2047
11:55:30	10.268	7.659	0.2207
11:55:40	10.2281	7.6697	0.2207
11:55:50	10.3079	7.6132	0.2207
11:56:00	10.4132	7.5186	0.2207
11:56:10	10.5429	7.4394	0.2207
11:56:20	10.5275	7.4728	0.2207
11:56:30	10.4566	7.5305	0.2207

**Start Bias Calibration**

11:56:40	10.3596	7.6114	1.5324
11:56:50	6.7122	0.8813	0.3695
11:57:00	0.3302	0.3124	0.0815
11:57:10	0.16	0.2071	0.0791
11:57:20	0.122	0.1588	0.0791
11:57:30	0.1053	0.141	0.0791
11:57:40	0.0821	0.1178	0.0791
11:57:50	0.0726	0.1071	0.0791
11:58:00	0.0595	0.0916	0.0767
11:58:10	0.038	0.0773	0.0618

**Zero Bias                    0.0567           0.092           0.072533**

11:58:20	0.038	0.0773	0.063
11:58:30	0.7897	0.8397	1.411
11:58:40	12.9633	0.8194	12.6681



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:58:50	19.8793	0.1184	14.5361
11:59:00	20.1542	0.0839	14.7295
11:59:10	20.2383	0.0702	14.8051
11:59:20	20.3012	0.0613	14.8373
11:59:30	20.3335	0.0559	14.8783
11:59:40	20.3657	0.0571	14.9105
11:59:50	20.3868	0.0541	14.9355
12:00:00	20.4004	0.0505	14.9628
<b>THC Mid Bias</b>	<b>20.3843</b>	<b>0.0539</b>	<b>14.93627</b>
12:00:10	20.4191	0.0464	14.9813
12:00:20	20.4211	0.0464	13.7179
12:00:30	17.7528	3.6105	1.821
12:00:40	11.1321	6.9949	0.4421
12:00:50	10.8191	7.1716	0.3939
12:01:00	10.6286	7.3264	0.363

**Resume Run 4B**

12:01:10	10.4644	7.449	0.3386
12:01:20	10.3805	7.5007	0.3136
12:01:30	10.3555	7.518	0.2933
12:01:40	10.39	7.4817	0.2725
12:01:50	10.4566	7.4222	0.2588
12:02:00	10.5923	7.3258	0.2439
12:02:10	10.6245	7.324	0.2356
12:02:20	10.5715	7.3543	0.2279
12:02:30	10.4834	7.4204	0.2255
12:02:40	10.3519	7.5049	0.2279
12:02:50	10.287	7.5519	0.2291
12:03:00	10.243	7.5626	0.2106
12:03:10	10.3025	7.5287	0.2207
12:03:20	10.4073	7.4406	0.2291
12:03:30	10.5501	7.3418	0.2291
12:03:40	10.5656	7.3674	0.2279
12:03:50	10.4852	7.4377	0.2291
12:04:00	10.4037	7.5108	0.2279
12:04:10	10.287	7.5787	0.2356
12:04:20	10.2186	7.6233	0.2338
12:04:29	10.1996	7.6275	0.2291
12:04:40	10.2716	7.5698	0.2267
12:04:49	10.3864	7.4757	0.2207
12:04:59	10.5215	7.3924	0.2291
12:05:09	10.4989	7.4323	0.213
12:05:19	10.4132	7.4966	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:05:29	10.3269	7.5561	0.2368
12:05:39	10.2335	7.6114	0.2291
12:05:50	10.1918	7.6299	0.2356
12:05:59	10.2204	7.59	0.2356
12:06:09	10.2906	7.5347	0.2439
12:06:19	10.4376	7.4192	0.2356
12:06:30	10.5542	7.343	0.2356
12:06:39	10.5406	7.368	0.2279
12:06:49	10.4471	7.4448	0.2368
12:07:00	10.3424	7.5132	0.2279
12:07:09	10.2793	7.5531	0.2356
12:07:19	10.2472	7.571	0.2356
12:07:29	10.2757	7.5341	0.2255
12:07:40	10.384	7.4466	0.2207
12:07:49	10.5233	7.3514	0.2207
12:07:59	10.6019	7.3103	0.2207
12:08:09	10.5542	7.3668	0.2279
12:08:19	10.4989	7.4103	0.2279
12:08:29	10.3692	7.5103	0.2279
12:08:39	10.2888	7.5674	0.2315
12:08:50	10.2412	7.5864	0.2356
12:08:59	10.2775	7.5573	0.2207
12:09:09	10.384	7.4698	0.213
12:09:19	10.5275	7.3704	0.2196
12:09:29	10.581	7.3466	0.2207
12:09:39	10.5197	7.4186	0.2255
12:09:49	10.39	7.515	0.2196
12:10:00	10.2775	7.5894	0.2196
12:10:09	10.243	7.6025	0.2291
12:10:19	10.2257	7.6043	0.2279
12:10:29	10.3347	7.5049	0.2279
12:10:39	10.4471	7.4299	0.2291
12:10:49	10.5542	7.352	0.2291
12:10:59	10.5864	7.3436	0.2368
12:11:10	10.5447	7.3853	0.2356
12:11:19	10.4686	7.4466	0.2517
12:11:29	10.3864	7.5103	0.2439
12:11:39	10.3079	7.5638	0.2368
12:11:50	10.2257	7.6269	0.2368
12:11:59	10.165	7.6846	0.2517
12:12:09	10.1252	7.7179	0.2529
12:12:20	10.102	7.7566	0.2588
12:12:29	10.1228	7.7495	0.2678
12:12:39	10.2049	7.6953	0.2678

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:12:49	10.3727	7.5757	0.2666
12:13:00	10.4852	7.515	0.2725
12:13:09	10.4894	7.5489	0.2761
12:13:19	10.4186	7.6084	0.2678
12:13:29	10.3174	7.6924	0.2678
12:13:39	10.249	7.7269	0.2624
12:13:49	10.2067	7.7465	0.2749
12:13:59	10.243	7.6965	0.2666
12:14:10	10.3174	7.6358	0.2678
12:14:19	10.4566	7.5126	0.2666
12:14:29	10.5846	7.4287	0.2666
12:14:39	10.5769	7.4454	0.2624
12:14:49	10.4852	7.5222	0.26
12:14:59	10.3632	7.6132	0.2517
12:15:09	10.2966	7.6376	0.2517
12:15:20	10.2394	7.6656	0.2517
12:15:29	10.2644	7.6317	0.2517
12:15:39	10.3388	7.5638	0.2439
12:15:49	10.4894	7.4543	0.2356
12:15:59	10.5977	7.3775	0.2439
12:16:09	10.5733	7.4061	0.2416
12:16:19	10.512	7.4573	0.2356
12:16:30	10.4055	7.5352	0.238
12:16:39	10.3043	7.5936	0.2356
12:16:49	10.2739	7.6079	0.2439
12:16:59	10.287	7.5775	0.2451
12:17:10	10.3537	7.5162	0.2439
12:17:19	10.5025	7.3972	0.2356
12:17:29	10.581	7.3555	0.2356
12:17:40	10.5578	7.3859	0.2303
12:17:49	10.4471	7.4644	0.2207
12:17:59	10.3001	7.5704	0.2356
12:18:09	10.1764	7.6531	0.2207
12:18:20	10.0716	7.7239	0.2392
12:18:29	10.0847	7.6971	0.2356
12:18:39	10.1537	7.64	0.2368
12:18:49	10.3138	7.5233	0.2368
12:18:59	10.3995	7.4799	0.2368
12:19:09	10.39	7.5061	0.2368
12:19:19	10.3364	7.5406	0.2416
12:19:30	10.262	7.5912	0.2439
12:19:39	10.2013	7.6269	0.2368
12:19:49	10.121	7.668	0.2356
12:19:59	10.1496	7.6269	0.2279

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:20:09	10.224	7.5561	0.2291
12:20:19	10.3805	7.4478	0.2291
12:20:29	10.4703	7.3948	0.2368
12:20:40	10.4489	7.4269	0.2368
12:20:49	10.3918	7.4644	0.2267
12:20:59	10.3043	7.5269	0.2291
12:21:09	10.2662	7.5406	0.2315
12:21:19	10.224	7.5692	0.2451
12:21:29	10.2757	7.5162	0.2368
12:21:39	10.3519	7.4573	0.2291
12:21:50	10.4912	7.3573	0.2368
12:21:59	10.5542	7.3293	0.2368
12:22:09	10.4781	7.4002	0.2356
12:22:19	10.3977	7.4692	0.2291
12:22:30	10.2549	7.568	0.2356
12:22:39	10.1823	7.6233	0.2279
12:22:49	10.1252	7.6567	0.2368
12:23:00	10.1764	7.6043	0.2368
12:23:09	10.293	7.5126	0.2368
12:23:19	10.4245	7.4234	0.2368
12:23:29	10.4739	7.4031	0.2451
12:23:40	10.4376	7.446	0.2517
12:23:49	10.346	7.518	0.2303
12:23:59	10.2549	7.5733	0.2439
12:24:10	10.2031	7.6055	0.2439
12:24:19	10.1996	7.5954	0.2439
12:24:29	10.2966	7.5245	0.2356
12:24:39	10.4108	7.446	0.2368
12:24:50	10.556	7.3347	0.2368
12:24:59	10.5673	7.3537	0.2356
12:25:09	10.5025	7.4049	0.2463
12:25:19	10.4108	7.4734	0.2416
12:25:29	10.3061	7.5394	0.2291
12:25:39	10.2739	7.5531	0.2291
12:25:49	10.2811	7.5299	0.2356
12:26:00	10.3555	7.4704	0.2338
12:26:09	10.5007	7.3585	0.2344
12:26:19	10.6054	7.299	0.2356
12:26:29	10.6054	7.3139	0.2356
12:26:39	10.5275	7.3787	0.2356
12:26:49	10.3977	7.4799	0.2356
12:26:59	10.3097	7.5263	0.2196
12:27:10	10.249	7.5477	0.2279
12:27:19	10.2507	7.5317	0.2315

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:27:29	10.3424	7.4513	0.2279
12:27:39	10.4781	7.349	0.2231
12:27:49	10.5882	7.2841	0.2303
12:27:59	10.5542	7.3317	0.2207
12:28:09	10.4608	7.4031	0.2279
12:28:20	10.3519	7.4757	0.2196
12:28:29	10.2835	7.5162	0.213
12:28:39	10.243	7.5394	0.2071
12:28:49	10.2739	7.5049	0.213
12:29:00	10.3483	7.446	0.219
12:29:09	10.4947	7.3329	0.2255
12:29:19	10.5542	7.3133	0.2279
12:29:30	10.5102	7.3722	0.2267
12:29:39	10.4227	7.4484	0.2207
12:29:49	10.262	7.5596	0.2231
12:29:59	10.19	7.6025	0.2356
12:30:10	10.1383	7.6245	0.2356
12:30:19	10.2317	7.5436	0.2439
12:30:29	10.3442	7.4513	0.2356
12:30:39	10.4894	7.3537	0.2356
12:30:49	10.5465	7.3365	0.2356
12:30:59	10.4971	7.3758	0.2356
12:31:09	10.4513	7.4138	0.2368
12:31:20	10.3864	7.4573	0.2439
12:31:29	10.3364	7.4817	0.2356
12:31:39	10.312	7.5085	0.2315
12:31:49	10.2549	7.5537	0.2356
12:31:59	10.2317	7.565	0.2291
12:32:09	10.1746	7.6061	0.2207
12:32:19	10.1537	7.6251	0.2207
12:32:30	10.1174	7.6537	0.2178
12:32:39	10.1805	7.6102	0.213
12:32:49	10.268	7.5513	0.2231
12:32:59	10.4203	7.4436	0.2356
12:33:09	10.5007	7.4138	0.2356
12:33:19	10.512	7.4287	0.2356
12:33:29	10.5043	7.4501	0.2416
12:33:40	10.5257	7.4531	0.2439
12:33:49	10.5275	7.4585	0.2338
12:33:59	10.5179	7.4692	0.2356
12:34:09	10.5162	7.4656	0.2303
12:34:20	10.5429	7.4537	0.2356
12:34:29	10.6269	7.3787	0.2303
12:34:39	10.7369	7.2948	0.2315

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:34:50	10.9298	7.1425	0.2291
12:34:59	11.0464	7.0669	0.2291
12:35:09	11.075	7.0568	0.2356
12:35:19	11.0327	7.0919	0.2356
12:35:30	10.9661	7.1532	0.2279
12:35:39	10.9167	7.1853	0.2338
12:35:49	10.8381	7.2383	0.2219
12:35:59	10.7923	7.2597	0.2219
12:36:09	10.7923	7.2454	0.2196
12:36:19	10.7887	7.2472	0.2356
12:36:29	10.7905	7.221	0.2207
12:36:40	10.7905	7.221	0.2207
12:36:49	10.8173	7.18	0.2231
12:36:59	10.8459	7.1579	0.213
12:37:09	10.8976	7.0967	0.2047
12:37:19	11.0232	6.9973	0.2207
12:37:29	11.197	6.8568	0.2207
12:37:39	11.3225	6.7664	0.2344
12:37:50	11.3553	6.7515	0.2338
12:37:59	11.3172	6.7937	0.2356
12:38:09	11.2446	6.855	0.2368
12:38:19	11.1529	6.9217	0.2368
12:38:29	11.0994	6.9461	0.2207
12:38:39	11.1113	6.9235	0.2207
12:38:49	11.197	6.8509	0.2059
12:39:00	11.3285	6.739	0.2071
12:39:09	11.4642	6.6337	0.2047
12:39:19	11.5249	6.5956	0.2047
12:39:29	11.4927	6.6283	0.2047
12:39:40	11.4451	6.6569	0.2106
12:39:49	11.3517	6.7235	0.1993
12:39:59	11.3225	6.7348	0.2071
12:40:10	11.3267	6.7146	0.213
12:40:19	11.3951	6.6551	0.213
12:40:29	11.5136	6.5468	0.2255
12:40:39	11.6373	6.4575	0.2118
12:40:50	11.6623	6.4504	0.2291
12:40:59	11.5993	6.5021	0.2207
12:41:09	11.5249	6.5676	0.2231
12:41:19	11.3838	6.6747	0.213
12:41:29	11.3207	6.7063	0.2154
12:41:39	11.2886	6.7199	0.219
12:41:49	11.3344	6.6747	0.2207
12:42:00	11.4332	6.586	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:42:09	11.5457	6.4998	0.2291
12:42:19	11.5957	6.4765	0.2207
12:42:29	11.5403	6.5319	0.2207
12:42:39	11.4695	6.5908	0.2207
12:42:49	11.3475	6.6813	0.2267
12:42:59	11.2809	6.7199	0.2207
12:43:10	11.2481	6.7313	0.2291
12:43:19	11.3017	6.6813	0.2207
12:43:29	11.4166	6.5837	0.2207
12:43:39	11.5552	6.4795	0.2207
12:43:49	11.6165	6.4444	0.2338
12:43:59	11.5862	6.4831	0.2356
12:44:09	11.5457	6.5093	0.2356
12:44:20	11.4963	6.5521	0.2279
12:44:29	11.5023	6.5361	0.2219
12:44:39	11.5171	6.5242	0.2279
12:44:49	11.6165	6.4295	0.2207
12:45:00	11.7498	6.3212	0.2207
12:45:09	11.8819	6.2129	0.2279
12:45:19	11.9409	6.1772	0.2207
12:45:30	11.895	6.2236	0.2356
12:45:39	11.8189	6.2855	0.2255
12:45:49	11.7195	6.354	0.213
12:45:59	11.6719	6.3694	0.2207
12:46:10	11.6606	6.3635	0.2255
12:46:19	11.7195	6.3022	0.2279
12:46:29	11.8224	6.207	0.2279
12:46:40	11.9867	6.0671	0.2291
12:46:49	12.0837	5.9969	0.2279
12:46:59	12.0611	6.029	0.2315
12:47:09	11.9902	6.0826	0.2094
12:47:20	11.901	6.1552	0.213
12:47:29	11.8742	6.1552	0.2047
12:47:39	11.8605	6.1558	0.2047
12:47:49	11.9331	6.0862	0.213
12:47:59	12.0593	5.9719	0.213
12:48:09	12.2152	5.8529	0.213
12:48:19	12.2955	5.785	0.213
12:48:30	12.2902	5.8047	0.213
12:48:39	12.2212	5.8553	0.2207
12:48:49	12.1277	5.9261	0.2207
12:48:59	12.0706	5.9558	0.2279
12:49:09	12.0438	5.9707	0.2207
12:49:19	12.0932	5.9195	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:49:29	12.2021	5.8219	0.2047
12:49:40	12.3396	5.71	0.1993
12:49:49	12.3908	5.6767	0.2207
12:49:59	12.3586	5.7136	0.2207
<b>End Run 4B</b>	<b>10.73368</b>	<b>7.197285</b>	<b>0.231767</b>
12:50:09	12.3301	5.7362	0.2154
12:50:19	12.2801	5.7743	0.2291
12:50:29	12.2765	5.7707	0.2338
12:50:39	12.2557	5.7832	0.2219
12:50:50	12.3354	5.7124	0.2207
12:50:59	12.433	5.6285	0.2279
12:51:09	12.5681	5.5119	0.2219
12:51:19	12.6639	5.4577	0.2154
12:51:30	12.6163	5.5035	0.2279
12:51:39	12.536	5.5678	0.2279
12:51:49	12.4366	5.647	0.2291
12:52:00	12.3836	5.6749	0.2279
12:52:09	12.3414	5.7035	0.2338
12:52:19	12.4824	5.5553	0.2356
12:52:29	12.5758	5.4899	0.2439
12:52:40	12.8032	5.3286	0.2439
12:52:49	13.0341	5.1715	0.2493
12:52:59	13.4322	4.8864	0.2428
12:53:09	13.9172	4.5299	0.6492
12:53:19	14.1666	1.2592	0.435
12:53:29	0.6468	0.26	0.0815
12:53:39	0.2231	0.1654	0.072
12:53:50	0.1624	0.1297	0.0678
12:53:59	0.1315	0.1106	0.0654
12:54:09	0.1053	0.0999	0.0654
12:54:19	0.0993	0.0916	0.0708
12:54:29	0.0761	0.0797	0.0654
12:54:39	0.0666	0.0732	0.0654
12:54:49	0.0535	0.0648	0.0654
<b>Zero Bias</b>	<b>0.0654</b>	<b>0.072567</b>	<b>0.0654</b>
12:55:00	0.044	0.0607	0.0571
12:55:09	0.044	0.0589	0.3445
12:55:19	7.3401	4.5412	0.1374
12:55:29	9.7282	9.6265	0.0654
12:55:39	9.8312	9.7449	0.0654
12:55:49	9.8728	9.7979	0.0654
12:55:59	9.8978	9.8127	0.0666



	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
12:56:10	9.9115	9.8609	0.0571
12:56:19	9.9264	9.8699	0.0505
12:56:29	9.9324	9.8877	0.0434
12:56:39	9.9377	9.8996	0.0422
<b>O2/CO2 Bias</b>	<b>9.932167</b>	<b>9.885733</b>	<b>0.045367</b>
12:56:50	9.9401	9.8955	0.4201
12:56:59	11.8456	6.7396	9.3366
12:57:09	19.7383	0.4844	14.695
12:57:20	20.2096	0.2844	14.9045
12:57:29	20.2856	0.2106	14.9575
12:57:39	20.3279	0.1708	14.9747
12:57:49	20.3546	0.141	14.9825
12:58:00	20.3793	0.0993	14.9962
<b>THC Bias</b>	<b>20.35393</b>	<b>0.137033</b>	<b>14.98447</b>
12:58:09	20.3909	0.0916	15.0063
12:58:19	20.4019	0.0809	15.0063
12:58:29	20.41	0.0726	15.0063
12:58:39	20.41	0.0726	15.0063

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 1 of 2
Project Number: 40942525.40-02	Operator DC
Facility: Unit 3	Condition(s)
Source: Stack	Run(s)
Date 10-15-13	

Time	Activity	Analyzer Response						Sample Flow Rate
		O2	CO2	THC				
yesterday	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	--	
735	Cal Error							
739	N2 Zero	0.02	0.03					8
740	22.5/19.2 O2/CO2 (adj)							
743	N2 Zero	0.03	0.04					
744	22.5/19.2 O2/CO2	22.53	19.20					
746	10.1/10.0 O2/CO2	10.12	10.10					
<del>747</del>	<del>Start O2/CO2 RT</del>							
747	Cal Bias	1-						
748	10.1/10.0 O2/CO2	10.03	9.88					8
749	N2	0.08	0.08					
753	start O2/CO2 RT							
	Start Stratification check							
805	O2 point 1	15.48	2.92					8
815	O2 point 2	15.39	2.98					
824	O2 point 3	15.14	3.14					
831	End Strat ✓							
928	Start THC RT							8
940	End THC RT							
1011	THC Cal							
1012	N2 Zero			0.07				
1014	propane 24.7			24.60				8
1015	propane 14.8			14.93				
1017	propane 8.43			8.46				
1121	THC drift check							
1123	N2			0.06				8
1124	propane 8.43			8.43				
1241	N2 Zero	0.06	0.05	0.06				
1243	10.1/10.0 O2/CO2	9.98	9.88					8
1244	propane 8.43			8.42				
1316	Start Run 1A							8

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time.  
If applicable, "yesterday" is an acceptable entry.

Project:	Veolia – Saugnet, IL	Page	1	of
Project Number:	40942525.40-02	Operator	Jr	
Facility:	Unit 3	Condition(s)		
Source:	Stack	Run(s)		
		Date	10-15-13	

### Calibration Gases Lot: 52-400193/57-1A

Component(s) <sup>1</sup>	Supplier <sup>2</sup>	Concentration(s)	Cylinder ID
N <sub>2</sub>	AG	—	50160374 10-15-13
O <sub>2</sub> /CO <sub>2</sub>	AL	22.5/19.2 %	CC189665
O <sub>2</sub> /CO <sub>2</sub>	AL	10.1/10.0 %	CC43355
Propane	S	8.43 ppm	ALM057529
Propane	S	14.8 ppm	ALM028646
Propane	S	24.7 ppm	ALM025456

<sup>1</sup> Indicate multi-component standards appropriately

<sup>2</sup> Code: AG-Airgas; AL-Air Liquide; S-Scott; P-Praxair

### Instrument Identification

Analyte	Manufacturer <sup>3</sup>	Model Number	Serial Number	Instrument Name
O <sub>2</sub> /CO <sub>2</sub>	S	1440	0144001/4393	Waits
THC	T	S/i	1210152154	Asset 208167

F-946

<sup>3</sup> Code: T-Thermo; W-Western; C-California; S-Servomex; O-Omega

### Method Performance Checks

Activity	Method	Criterion	Initials
Span Selection	3A, 6C, 7E, 10	Emissions between 20% and 100% of calibration span	✓
	25A	Span 1.5-2.5 times the emission limit, if no emission limit, span 1.5-2.5 times expected level	✓
Calibration Gas Selection	3A, 6C, 7E, 10	Protocol gas; calibration span, 40-60% of calibration span, and <20% of calibration span (or zero gas)	✓
	25A	Protocol gas: 25-35%, 45-55% and 80-90% of span, zero grade air	✓
	3A, 6C, 7E, 10	Span gas within ±2.0% of calibration span	✓
Calibration Error	3A, 6C, 7E, 10	Mid-range gas within ±2.0% of calibration span	✓
		Zero gas within ±2.0% of calibration span	✓
		Low-range gas within 5% of certified value	✓
	25A	Mid-range gas within 5% of certified value	✓
Converter Check	7E	Span gas within 5% of certified value	✓
System Bias Check	3A, 6C, 7E, 10	≥90% converter efficiency	N/A
Response Time	3A, 6C, 7E, 10, 25A	Gas through system agrees with calibration error value for that gas within ±5.0% of calibration span	✓
		No criteria, evaluated to determine duration at sample points	✓
Sample Flow Rate	3A, 6C, 7E, 10	Stable sample flow rate within 10% of flow rate established during system response time check and bias check	✓
		± 5% of mean at each point – single point	✓
3 Point Stratification Check <sup>2,3</sup>	3A, 6C, 7E, 10	± 5-10% of mean at each point – 3 points	✓
		> ± 10% of mean at each point 12 points	✓
Post-Test Calibration Drift Check	3A, 6C, 7E, 10	Selected gas reading within ±3.0% of calibration span of pre-test reading	✓
		Zero gas within ±3.0% of calibration span of pre-test reading	✓
	25A	Selected gas reading within ±3% of span of pre-test reading	✓
		Zero gas within ±3% of span of previous reading	✓

<sup>2</sup> The stratification check criteria do not apply to RATA.

<sup>3</sup> The stratification check is not required for stacks or ducts <4 inches in diameter

### Hourly Drift Check (M25A only)

Selected gas reading within ±3% of span of initial reading	Okay (initials)					
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6
Selected gas reading within ±3% of span of initial reading	✓	✓				
Zero gas within ±3% of span of initial reading	✓	✓				

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page <u>2</u> of <u>2</u>
Project Number: 40942525.40-02	Operator <u>DC/KMM</u>
Facility: Unit 3	Condition(s) <u>1</u>
Source: Stack	Run(s) <u>1</u>
	Date <u>10/15/13</u>

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
<del>Turn on Analyzers<sup>1</sup></del>							
1425	END Run 1A						8
1432	Zero BIAS	0.13	0.06	0.0			8
1433	O <sub>2</sub> /CO <sub>2</sub> BIAS 10.1 / 10.0	9.86	9.74	-0.06			8
1510	Zero BIAS	0.29	0.11	-0.04			8
1512	THC Span BIAS 24.7	20.06	0.04	24.6			8
1514	THC MID BIAS 14.8	20.42	0.03	14.9			8
1516	THC Low BIAS 8.43	26.50	0.06	8.40			8
1603	Zero BIAS	0.22	0.15	0.02			8
1605	THC MID BIAS 14.8	20.17	0.06	14.80			8
1615	Start Run 1B						8
1717	N <sub>2</sub> Zero BIAS	0.21	0.18	0.02			8
1720	THC MID BIAS 14.8	20.18	0.06	14.53			8
1820	N <sub>2</sub> Zero	0.11	0.08	0.00			8
1822	14.8 propane	20.22	0.05	14.63			8
1934	END Run 1B						8
1938	Zero BIAS	0.15	0.14	0.01			8
1940	O <sub>2</sub> /CO <sub>2</sub> BIAS 10.1 / 10.0	9.89	9.78	-0.03			8
1941	THC BIAS 14.8	20.25	0.22	14.66			8

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page (      ) of (      )
Project Number: 40942525.40-02	Operator DC
Facility: Unit 3	Condition(s) 1
Source: Stack	Run(s) 2
	Date 10-16-13

Time	Activity	Analyzer Response						Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC				
10-14	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	--	
824	Cal error							
824	N <sub>2</sub> Zero	0.04	0.06					
825	O <sub>2</sub> /CO <sub>2</sub> 22.5/19.2	22.49	19.20					
827	O <sub>2</sub> /CO <sub>2</sub> 10.1/10.0	10.11	10.10					
828	Cal Bias							
829	N <sub>2</sub> Zero O <sub>2</sub> /CO <sub>2</sub> 10.1/10.0	10.07	7.89					
830	N <sub>2</sub> Zero	0.11	0.10					8
1115	Start Run 2A							8
1225	End Run 2A							8
1226	O <sub>2</sub> /CO <sub>2</sub> Bias							
1228	N <sub>2</sub> Zero	0.13	0.08					
1229	10.1/10.0 O <sub>2</sub> /CO <sub>2</sub>	9.93	9.89					8
<del>1304</del>	THC Cal							
1340	N <sub>2</sub> Zero			-0.03				
1344	THC 24.7 (adj)			24.74				
1345	THC 14.8			15.14				8
1347	THC 8.43			8.58				
1348	N <sub>2</sub> Zero	0.14	0.03	-0.05				
1350	10.1/10.0 O <sub>2</sub> /CO <sub>2</sub>	9.94	9.83					
1400	Start Run 2B							
1503	Zero Bias	0.16	0.16	0.04				8
1504	THC w/ Bias M-8	20.25	0.07	14.83				8
1535	lost flow to CEMS							
1543	back online							
1625	Zero Bias	0.13	0.13	0.03				
1617	THC 14.8	20.33	0.08	14.85				8
1720	End Run 2B							8
1726	Zero Bias	0.20	0.13	0.01				8
1728	O <sub>2</sub> /CO <sub>2</sub> Bias	9.94	9.82	-0.02				8
1729	THC Bias	20.35	0.17	15.20				8

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time.  
If applicable, "yesterday" is an acceptable entry.

Project:	Veolia - Sauget, IL	Page	1	of	1
Project Number:	40942525.40-02	Operator	BC		
Facility:	Unit 3	Condition(s)	1		
Source:	Stack	Run(s)	2		
		Date	10-16-13		

### Calibration Gases

Component(s) <sup>1</sup>	Supplier <sup>2</sup>	Concentration(s)	Cylinder ID
N <sub>2</sub>	AG	—	52-400193/57-1A
O <sub>2</sub> /CO <sub>2</sub>	AL	22.5/19.2%	CC189665
O <sub>2</sub> /CO <sub>2</sub>	AL	10.1/10.0%	CC43355
Propane	S	8.43 ppm	ALM057529
Propane	S	14.8 ppm	ALM028646
Propane	S	24.7 ppm	ALM025456

<sup>1</sup> Indicate multi-component standards appropriately

<sup>2</sup> Code: AG-Airgas; AL-Air Liquide; S-Scott; P-Praxair

### Instrument Identification

Analyte	Manufacturer <sup>3</sup>	Model Number	Serial Number	Instrument Name
O <sub>2</sub> /CO <sub>2</sub>	S	1440	0144001/4393	Waiver
THC	T	SI/	1210152154	ASS-7# 208/67

<sup>3</sup> Code: T-Thermo; W-Western; C-California; S-Servomex; O-Omega

### Method Performance Checks

Activity	Method	Criterion	Initials
Span Selection	3A, 6C, 7E, 10	Emissions between 20% and 100% of calibration span	M
	25A	Span 1.5-2.5 times the emission limit; if no emission limit, span 1.5-2.5 times expected level	
Calibration Gas Selection	3A, 6C, 7E, 10	Protocol gas; calibration span, 40-60% of calibration span, and <20% of calibration span (or zero gas)	
	25A	Protocol gas: 25-35%, 45-55% and 80-90% of span, zero grade air	
	3A, 6C, 7E, 10	Span gas within ±2.0% of calibration span	
Calibration Error		Mid-range gas within ±2.0% of calibration span	
		Zero gas within ±2.0% of calibration span	
		Low-range gas within 5% of certified value	
	25A	Mid-range gas within 5% of certified value	
Converter Check	7E	Span gas within 5% of certified value	J/A
System Bias Check	3A, 6C, 7E, 10	Gas through system agrees with calibration error value for that gas within ±5.0% of calibration span	PC
Response Time	3A, 6C, 7E, 10, 25A	No criteria, evaluated to determine duration at sample points	
Sample Flow Rate	3A, 6C, 7E, 10	Stable sample flow rate within 10% of flow rate established during system response time check and bias check	
3 Point Stratification Check <sup>2,3</sup>	3A, 6C, 7E, 10	± 5% of mean at each point - single point ± 5-10% of mean at each point - 3 points > ± 10% of mean at each point 12 points	
Post-Test Calibration Drift Check	3A, 6C, 7E, 10	Selected gas reading within ±3.0% of calibration span of pre-test reading	
	25A	Zero gas within ±3.0% of span of pre-test reading	

<sup>2</sup> The stratification check criteria do not apply to RATA.

<sup>3</sup> The stratification check is not required for stacks or ducts <4 inches in diameter

### Hourly Drift Check (M25A only)

Selected gas reading within ±3% of span of initial reading	Okay (initials)					
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6
Selected gas reading within ±3% of span of initial reading	M	M	M			
Zero gas within ±3% of span of initial reading	M	M	M			

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 1 of 1
Project Number: 40942525.40-02	Operator <i>pc</i>
Facility: Unit 3	Condition(s) 1
Source: Stack	Run(s) 3
	Date 10-17-13

Time	Activity	Analyzer Response						Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC				
10-14	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	--	
746	Cal Error							
745	N <sub>2</sub> Zero	0.02	0.06					
746	O <sub>2</sub> /CO <sub>2</sub> 22.5/19.2	22.50	19.20					
748	O <sub>2</sub> /CO <sub>2</sub> 10.1/10.0	10.10	10.10					
748	Cal Bias							8
749	O <sub>2</sub> /CO <sub>2</sub> 10.1/10.0	10.05	9.86					
751	N <sub>2</sub> Zero	0.09	0.10					
1108	Cal Bias							
1109	N <sub>2</sub> Zero	0.10	0.06					8
1111	O <sub>2</sub> /CO <sub>2</sub> 10.1/10.0	9.92	9.86					
1215	THC cal							
1216	N <sub>2</sub> Zero			-0.06				
1217	THC 24.7			24.81				8
1219	THC 14.8			15.08				
1220	THC 8.43			8.53				
1230	Start Run 3B							8
1336	Zero Bias	0.09	0.12	-0.03				8
1338	THC mid Bias 14.8	20.12	0.09	14.63				8
1440	Zero Bias			-0.03				
1442	THC 14.8 Bias			14.54				
1555	End Run 3B							8
1603	N <sub>2</sub> Zero Bias	0.11	0.09	-0.03				8
1605	O <sub>2</sub> /CO <sub>2</sub> BIAS 10.1/10.0	9.87	9.79	-0.05				8
1607	THC BIAS 14.8	20.31	0.10	14.83				8

Comments

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<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

Project:	Veolia - Sauget, IL	Page	1	of	1
Project Number:	40942525.40-02	Operator	DZ		
Facility:	Unit 3	Condition(s)	1		
Source:	Stack	Run(s)	3		
		Date	10-16-13		

### Calibration Gases

Component(s) <sup>1</sup>	Supplier <sup>2</sup>	Concentration(s)	Cylinder ID
N <sub>2</sub>	AG	—	52-400193157-1A
O <sub>2</sub> /CO <sub>2</sub>	AL	22.5/19.2%	CC189665
O <sub>2</sub> /CO <sub>2</sub>	AL	10.1/10.0%	CC43355
Propane	S	8.43 ppm	ALM057529
Propane	S	14.8 ppm	ALM028646
Propane	S	24.7 ppm	ALM025456

<sup>1</sup> Indicate multi-component standards appropriately

<sup>2</sup> Code: AG-Airgas; AL-Air Liquide; S-Scott; P-Praxair

### Instrument Identification

Analyte	Manufacturer <sup>3</sup>	Model Number	Serial Number	Instrument Name
O <sub>2</sub> /CO <sub>2</sub>	S	1440	0144001/4393	Waits
THC	T	51i	1210152154	ASCE/#208167

<sup>3</sup> Code: T-Thermo; W-Western; C-California; S-Servomex; O-Omega

### Method Performance Checks

Activity	Method	Criterion	Initials
Span Selection	3A, 6C, 7E, 10	Emissions between 20% and 100% of calibration span	✓
	25A	Span 1.5-2.5 times the emission limit; if no emission limit, span 1.5-2.5 times expected level	✓
Calibration Gas Selection	3A, 6C, 7E, 10	Protocol gas; calibration span, 40-60% of calibration span, and <20% of calibration span (or zero gas)	✓
	25A	Protocol gas: 25-35%, 45-55% and 80-90% of span, zero grade air	✓
Calibration Error	3A, 6C, 7E, 10	Span gas within ±2.0% of calibration span	✓
		Mid-range gas within ±2.0% of calibration span	✓
	25A	Zero gas within ±2.0% of calibration span	✓
		Low-range gas within 5% of certified value	✓
		Mid-range gas within 5% of certified value	✓
Converter Check	7E	Span gas within 5% of certified value	✓
System Bias Check	3A, 6C, 7E, 10	≥90% converter efficiency	✓
Response Time	3A, 6C, 7E, 10, 25A	Gas through system agrees with calibration error value for that gas within ±5.0% of calibration span	✓
Sample Flow Rate	3A, 6C, 7E, 10	No criteria, evaluated to determine duration at sample	✓
3 Point Stratification Check <sup>2,3</sup>	3A, 6C, 7E, 10	Stable sample flow rate within 10% of flow rate established during system response time check and bias check	✓
		± 5% of mean at each point - single point	✓
		± 5-10% of mean at each point - 3 points	✓
Post-Test Calibration Drift Check	3A, 6C, 7E, 10	> ± 10% of mean at each point 12 points	✓
		Selected gas reading within ±3.0% of calibration span of pre-test reading	✓
Zero gas within ±3% of span of pre-test reading	25A	Zero gas within ±3.0% of calibration span of pre-test reading	✓
		Selected gas reading within ±3% of span of pre-test reading	✓
		Zero gas within ±3% of span of previous reading	✓

<sup>2</sup> The stratification check criteria do not apply to RATA.

<sup>3</sup> The stratification check is not required for stacks or ducts <4 inches in diameter

### Hourly Drift Check (M25A only)

	Okay (initials)					
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6
Selected gas reading within ±3% of span of initial reading	✓	✓	✓	✓	✓	✓
Zero gas within ±3% of span of initial reading	✓	✓	✓	✓	✓	✓



# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 1 of
Project Number: 40942525.40-02	Operator <b>KUM</b>
Facility: Unit 3	Condition(s) 1
Source: Stack	Run(s) 4
	Date 10/18/13

Time	Activity	Analyzer Response						Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC				
10/18	Turn on Analyzers <sup>1</sup>	--	--	--	--	--	--	
750	N <sub>2</sub> Zero	0.07	0.02					
752	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.46	19.10					
753	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.11	10.06					
824	O <sub>2</sub> /CO <sub>2</sub> BIAS	10.06	9.85	-0.07				8
826	Zero BIAS	0.15	0.14	-0.02				8
828 829	THC Span BIAS 24.7	<del>20.30</del>	0.06	24.38				8
831	THC Mid BIAS 14.8	<del>20.50</del>	0.07	14.95				8
833	THC Low BIAS 8.43	20.41	0.05	8.49				8
916	Zero BIAS	20.55	0.05	8.49				8
	THC Mid BIAS	0.10	0.11	0.06				8
921	N <sub>2</sub> Zero BIAS	0.25	0.04	0.03				8
	THC Span BIAS							
924	N <sub>2</sub> Zero BIAS	0.33	0.05	0.02				8
926	THC Span BIAS 24.7	20.26	0.03	24.78				8
927	THC Mid BIAS 14.8	26.40	0.05	15.08				8
929	THC Low BIAS 8.43	20.54	0.04	8.58				8
935	Start Run 4B							
1039	Zero BIAS	0.07	0.08	0.07				8
1040	THC BIAS	20.07	0.07	14.80				8
1157	Zero BIAS	0.19	0.20	0.08				8
1159	THC BIAS	20.36	0.06	14.91				8
1250	End Run 4B							
1254	Zero BIAS	0.10	0.09	0.07				8
1256	O <sub>2</sub> /CO <sub>2</sub> BIAS	9.85	9.76	0.07				8
1258	THC Mid BIAS	20.08	0.31	14.95				8

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

Project:	Veolia - Sauget, IL	Page	1	of	1
Project Number:	40942525.40-02	Operator	WMM		
Facility:	Unit 3	Condition(s)	1		
Source:	Stack	Run(s)	4		
		Date	10/18/13		

### Calibration Gases

Component(s) <sup>1</sup>	Supplier <sup>2</sup>	Concentration(s)	Cylinder ID
N <sub>2</sub>	A6	-	52-40193157-1A
O <sub>2</sub> /CO <sub>2</sub>	AL	22.5/19.2	CC189665
	AL	10.1/10.0	CC43335
TIC	S	24.7	ALM025456
	S	14.8	ALM028646
	S	8.43	ALM057529

<sup>1</sup> Indicate multi-component standards appropriately

<sup>2</sup> Code: AG-Airgas; AL-Air Liquide; S-Scott; P-Praxair

### Instrument Identification

Analyte	Manufacturer <sup>3</sup>	Model Number	Serial Number	Instrument Name
O <sub>2</sub> /CO <sub>2</sub>	S	1440	01440X14393	Watts
TIC	T	Si	121052154	208167 - Clean Air

<sup>3</sup> Code: T-Thermo; W-Western; C-California; S-Servomex; O-Omega

### Method Performance Checks

Activity	Method	Criterion	Initials
Span Selection	3A, 6C, 7E, 10	Emissions between 20% and 100% of calibration span	✓
	25A	Span 1.5-2.5 times the emission limit; if no emission limit, span 1.5-2.5 times expected level	✓
Calibration Gas Selection	3A, 6C, 7E, 10	Protocol gas; calibration span, 40-60% of calibration span, and <20% of calibration span (or zero gas)	✓
	25A	Protocol gas: 25-35%, 45-55% and 80-90% of span, zero grade air	✓
	3A, 6C, 7E, 10	Span gas within ±2.0% of calibration span	✓
Calibration Error		Mid-range gas within ±2.0% of calibration span	✓
		Zero gas within ±2.0% of calibration span	✓
		Low-range gas within 5% of certified value	✓
	25A	Mid-range gas within 5% of certified value	✓
Converter Check	7E	Span gas within 5% of certified value	✓
System Bias Check	3A, 6C, 7E, 10	≥90% converter efficiency	✓
Response Time	3A, 6C, 7E, 10, 25A	Gas through system agrees with calibration error value for that gas within ±5.0% of calibration span	✓
	3A, 6C, 7E, 10	No criteria, evaluated to determine duration at sample points	✓
Sample Flow Rate	3A, 6C, 7E, 10	Stable sample flow rate within 10% of flow rate established during system response time check and bias check	✓
	3A, 6C, 7E, 10	± 5% of mean at each point - single point	✓
3 Point Stratification Check	3A, 6C, 7E, 10	± 5-10% of mean at each point - 3 points	✓
	3A, 6C, 7E, 10	> ± 10% of mean at each point 12 points	✓
Post-Test Calibration Drift Check	3A, 6C, 7E, 10	Selected gas reading within ±3.0% of calibration span of pre-test reading	✓
	25A	Zero gas within ±3.0% of calibration span of pre-test reading	✓
		Selected gas reading within ±3% of span of pre-test reading	✓
		Zero gas within ±3% of span of previous reading	✓

<sup>4</sup> The stratification check criteria do not apply to RATA.

<sup>5</sup> The stratification check is not required for stacks or ducts <4 inches in diameter

### Hourly Drift Check (M25A only)

Selected gas reading within ±3% of span of initial reading	Okay (initials)					
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6
Zero gas within ±3% of span of initial reading	✓	✓	✓	✓	✓	✓

# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia – Sauget, IL	Operator	DC
Project Number	40942525.40-02	Parameter	O <sub>2</sub>
Facility	Unit 3	Analyzer Make and Model	Servomex 1440
Source	Stack	Analyzer Name	Waits
Date	10-15-13	Analyzer Range	25% (ppm or %)
Time	805	System Response Time	45 seconds

*Absolute % difference*

Traverse Points (3 are required)	Marking Location	Sampling Duration	Concentration	% Difference from – Mean
1	15.17"	10	15.47	0
2	28.00"	9	15.37	0.10
3	40.83"	7	15.58	0.11
4				
5				
6				
7				
8				
9				
10				
11				
12				
<b>Mean Concentration of all Traverse Points</b>			15.47	

### Stratification Test Criteria<sup>1</sup> – Evaluate in Order

1	Do the concentrations at each traverse point differ from the mean concentration by no more than $\pm 0.3\% O_2$ (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive)?	Yes	If YES, use 1 point
2	Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive) and by no more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?		If YES, use 3 points
3	Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?		If YES, use 12 points

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is  $\pm 0.5\%$  CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is  $\pm 0.3\%$  CO<sub>2</sub> or O<sub>2</sub>.

Notes

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38.5  
8.75

# Response Time Determination – EPA Method 7E

*Applicable to Performance of EPA Methods 3A, 6C, 7E and 10*

Project Name: Veolia – Sauget, IL  
 Project Number: 40942525.40-02  
 Facility: Unit 3  
 Source: Stack

Operator: DL  
 Date: 10-15-13  
 Time: 0750

Parameter	O <sub>2</sub>		CO <sub>2</sub>			
	Zero	Upscale	Zero	Upscale	Zero	Upscale
Analyzer Make and Model	Servomex		Servomex			
Analyzer Name	Waits		Waits			
Analyzer Range	0-25		0-20			
From	Zero	Upscale	Zero	Upscale	Zero	Upscale
To	Upscale	Zero	Upscale	Zero	Upscale	Zero
Start Time (hh:mm)	7:53	7:55	7:53	7:55		
15 sec	0.02	22.26	0.01	18.20		
30 sec	16.49	6.33	17.78	0.74		
45 sec	22.18	0.15	18.75	0.19		
60 sec	22.23	0.09	18.82	0.13		
75 sec	22.24	0.07	18.84	0.10		
90 sec	22.25	0.05	18.85	0.08		
105 sec						
120 sec						
135 sec						
150 sec						
165 sec						
180 sec						
195 sec						
Response Time <sup>1</sup>	45	45	45	45		
Analyzer Response Time <sup>2</sup>	45		45			

<sup>1</sup> Time in seconds to reach 95% of final stable value.  
<sup>2</sup> Greater of upscale and downscale response time

	Cylinder Number	Actual Value
Upscale	CC189665	22.5% O <sub>2</sub> 19.2% CO <sub>2</sub>
Upscale		
Upscale		
Zero	S2-400198157-1A <small>3 10-15-13 DL</small>	0

# Response Time Determination

**Project Name:** Veolia **Parameter:** THC  
**Project Number:** 40942525 **Monitor Make/Model:** TECO SLI  
**Facility:** Saugat **Monitor Name:** 208167  
**Source:** Unit 3 Stack **Operator:** BC  
**Date:** 10-15-13 **Instrument Span:** 30 ppm  
**Time:** 928

From	To	System Response														Response Time <sup>1</sup>	
		15 sec	30 sec	45 sec	60 sec	75 sec	90 sec	105 sec	120 sec	135 sec	150 sec	165 sec	180 sec	195 sec	Upscale	Downscale	
Zero	High	0.16	22.29	24.49	24.62	24.67									45		
High	Zero	20.60	1.33	0.04	0.01	0.00										45	
Zero	High	0.06	20.91	24.37	24.57	24.63									45	30	
High	Zero	16.90	0.92	0.02	-0.01	-0.02											
Zero	High	0.17	21.20	24.34	24.58	24.64									45		
High	Zero	20.63	2.95	0.03	-0.02	-0.03									45	45	
Average																	
System Response Time <sup>2</sup>																45	

<sup>1</sup> Time in seconds to reach 95% of final stable value.  
<sup>2</sup> Select greater of upscale and downscale response time.

Cylinder Number	Actual Value
High	ALM025456
Zero	52-400193157-1A
	0

FDS-05: CEM Response Time  
 Per EM SOP-027  
 Revision Date: August 2012  
 Reviewed: September 2013

**Veolia Sauguet Unit 3**

Uncorrected Concentrations									
15-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 1A	1316-1425	12.69	5.26						
Run 1B	1615-1934	11.25	6.46				0.15	43.14	0.27

Corrected O <sub>2</sub> Conc.					
15-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1316-1425	12.69	0.05	1.02	12.87
Run 1B	1615-1934	11.25	0.06	1.02	11.43

Corrected CO <sub>2</sub> Conc.					
15-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	1316-1425	5.26	0.04	1.02	5.31
Run 1B	1615-1934	6.46	0.06	1.02	6.52

**Veolia Sauget Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/15/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 0-25  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	7:43	0.02	0.02	0.1%
span gas	cc189665	22.50	7:45	22.54	0.04	0.2%
mid-range	cc43355	10.10	7:46	10.12	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	0.02	12:41	0.05	0.1%	14:32	0.05	0.1%	0.0%	$C_0 = 0.049$
	10.10	10.12	12:43	9.98	-0.6%	14:34	9.95	-0.8%	-0.1%	$C_{MA}/(C_M - C_0) = 1.018$
Run 1B	0.00	0.02	14:32	0.05	0.1%	19:38	0.08	0.2%	0.1%	$C_0 = 0.065$
	10.10	10.12	14:34	9.95	-0.8%	19:40	9.94	-0.8%	-0.1%	$C_{MA}/(C_M - C_0) = 1.022$

**Veolia Sauguet Unit 3**  
**CO<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/15/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 19.20  
**Analyzer Range:** 0-20  
**Units:** %  
**Technician(s):** dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	7:43	0.02	0.02	0.1%
span gas	cc189665	19.20	7:45	19.22	0.02	0.1%
mid-range	cc43355	10.00	7:46	10.10	0.10	0.5%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 1A	0.00	0.02	12:41	0.04	0.1%	14:32	0.04	0.1%	0.0%	C <sub>O</sub> = 0.038 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.016
	10.00	10.10	12:43	9.89	-1.1%	14:34	9.87	-1.2%	-0.1%	
Run 1B	0.00	0.02	14:32	0.04	0.1%	19:38	0.09	0.3%	0.2%	C <sub>O</sub> = 0.064 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.020
	10.00	10.10	14:34	9.87	-1.2%	19:40	9.86	-1.2%	0.0%	



**Veolia Sauget Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/15/2013  
**Instrument Make/Model:** Thermo 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 0-30  
**Units:** ppm  
**Technician(s):** dc

**EPA Method 25A Calibration Error Test Results**

						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	15:11	-0.05	0.05	n/a
<b>Span</b>	alm025456	24.70	15:13	24.64	0.06	0.0
<b>Mid</b>	alm028646	14.80	15:15	14.92	0.12	0.0
<b>Low</b>	alm057529	8.43	15:17	8.42	0.01	0.0

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	-0.05	16:04	-0.01	0.1
	14.92	16:06	14.89	-0.1
	-0.05	17:18	-0.01	0.1
	14.92	17:20	14.58	-1.1
	-0.05	18:21	0.00	0.2
	14.92	18:23	14.69	-0.8
	-0.05	19:38	0.00	0.1
	14.92	19:42	14.77	-0.5

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
7:33:52	20.62	0.10	3.45
7:34:02	20.62	0.10	3.45
7:34:13	20.62	0.10	3.41
7:34:22	20.62	0.10	3.02
7:34:32	20.62	0.10	2.49
7:34:42	20.62	0.10	2.24
7:34:52	20.62	0.10	2.04
7:35:02	20.62	0.10	1.85
7:35:12	20.75	0.10	1.72
7:35:23	0.34	0.05	1.42
7:35:32	0.08	0.06	1.75
7:35:42	0.06	0.06	1.79
7:35:52	0.04	0.05	1.70
7:36:02	0.04	0.05	1.55
7:36:12	0.09	0.05	1.48
7:36:22	21.14	18.74	1.44
7:36:33	22.36	18.88	1.45
7:36:42	22.44	18.91	1.49
7:36:52	22.51	18.92	1.50
7:37:02	22.52	19.22	1.42
7:37:13	22.45	19.08	1.31
7:37:22	21.30	13.75	1.45
7:37:32	0.26	0.15	1.67
7:37:43	0.06	0.10	1.62
7:37:52	0.05	0.08	1.59
7:38:02	0.04	0.05	1.48
7:38:12	0.03	0.04	1.36
7:38:23	0.03	0.04	1.30
7:38:32	0.03	0.03	1.24
7:38:42	0.02	0.03	1.28
7:38:52	0.02	0.02	1.32
7:39:02	0.02	0.02	1.40
7:39:12	0.02	0.02	1.42
7:39:22	0.02	0.02	1.42
7:39:33	0.02	0.02	1.31
7:39:42	0.01	0.02	1.24
7:39:52	0.03	0.03	1.37
7:40:02	13.75	17.12	1.36
7:40:12	22.33	19.03	1.32
7:40:22	22.47	19.06	1.36
7:40:32	22.49	19.09	1.38
7:40:43	22.52	19.22	1.29
7:40:52	22.52	19.23	1.20
7:41:02	22.44	19.06	1.13
7:41:12	4.58	0.26	1.11
7:41:22	0.09	0.10	1.07
7:41:32	0.10	0.15	1.06
7:41:42	21.62	19.19	1.05
7:41:53	22.51	19.22	1.11
7:42:02	22.49	19.19	1.19
7:42:12	22.42	19.15	1.16

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
7:42:22	0.30	0.11	1.09
<b>Cal Error</b>			
7:42:33	0.05	0.07	1.05
7:42:42	0.03	0.05	1.03
7:42:52	0.03	0.04	1.02
7:43:03	0.02	0.04	1.02
7:43:12	0.03	0.04	1.02
7:43:22	0.02	0.03	1.00
7:43:32	0.02	0.03	1.06
7:43:43	0.02	0.02	1.21
7:43:52	0.03	0.02	1.18
<b>N2 Zero</b>	<b>0.02</b>	<b>0.02</b>	<b>1.15</b>
7:44:02	13.89	17.39	1.21
7:44:12	22.39	19.16	1.25
7:44:22	22.53	19.21	1.28
7:44:32	22.53	19.21	1.31
7:44:42	22.53	19.21	1.24
7:44:53	22.54	19.22	1.15
7:45:02	22.54	19.22	1.16
<b>22.5/19.2 O2/CO2</b>	<b>22.54</b>	<b>19.22</b>	<b>1.18</b>
7:45:12	22.44	19.03	1.17
7:45:22	13.93	10.09	1.16
7:45:32	10.17	10.11	1.22
7:45:42	10.13	10.11	1.31
7:45:52	10.13	10.10	1.33
7:46:03	10.13	10.10	1.21
7:46:12	10.12	10.10	1.11
7:46:22	10.12	10.10	1.06
<b>10.1/10.0 O2/CO2</b>	<b>10.12</b>	<b>10.10</b>	<b>1.13</b>
7:46:32	10.09	10.01	1.04
7:46:42	10.09	10.00	1.07
7:46:52	10.09	10.00	1.13
<b>Cal Bias</b>			
7:47:02	10.09	9.99	1.09
7:47:13	10.15	9.98	1.13
7:47:22	11.05	8.24	1.09
7:47:32	20.64	0.13	1.00
7:47:42	12.23	5.26	0.18
7:47:52	10.07	9.82	0.06
7:48:02	10.04	9.86	0.05
7:48:12	10.03	9.88	0.04
7:48:23	10.02	9.89	0.04
7:48:32	10.01	9.90	0.06
7:48:42	10.01	9.91	0.13
<b>10.1/10.0 O2/CO2</b>	<b>10.01</b>	<b>9.90</b>	<b>0.08</b>
7:48:52	15.46	3.11	0.72
7:49:03	5.10	0.84	0.12
7:49:12	0.16	0.13	0.07
7:49:22	0.09	0.10	0.07
7:49:33	0.07	0.08	0.07
7:49:42	0.06	0.07	0.07
7:49:52	0.05	0.07	0.06

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
7:50:02	0.05	0.06	0.07
7:50:13	0.04	0.06	0.07
7:50:22	0.04	0.06	0.07
7:50:32	0.04	0.04	0.06
7:50:42	0.03	0.03	0.05
<b>N2 Zero</b>	<b>0.04</b>	<b>0.04</b>	<b>0.06</b>
7:50:52	0.03	0.03	0.05
7:51:02	0.03	0.03	0.04
7:51:12	0.03	0.03	0.04
7:51:23	0.03	0.03	0.04
7:51:32	0.03	0.03	0.04
7:51:42	0.03	0.03	0.04
7:51:52	0.02	0.03	0.03
7:52:02	0.02	0.03	0.05
7:52:12	0.02	0.03	0.03
7:52:22	0.02	0.03	0.04
7:52:33	0.02	0.03	0.04
7:52:42	0.02	0.03	0.04
7:52:52	0.02	0.03	0.03
7:53:02	0.02	0.02	0.03
7:53:12	0.02	0.02	0.18
7:53:22	15.05	0.06	0.44
7:53:32	20.37	18.10	0.20
7:53:43	22.16	18.71	0.19
7:53:52	22.21	18.78	0.18
7:54:02	22.22	18.81	0.19
7:54:12	22.24	18.83	0.19
7:54:23	22.24	18.85	0.19
7:54:32	22.25	18.86	0.18
7:54:42	22.25	18.87	0.18
7:54:53	22.26	18.88	0.19
7:55:02	22.26	18.88	0.19
7:55:12	22.26	18.89	0.25
7:55:22	21.48	7.61	0.28
7:55:33	1.71	0.48	0.04
7:55:42	0.17	0.22	0.03
7:55:52	0.11	0.15	0.03
7:56:02	0.08	0.12	0.02
7:56:12	0.07	0.10	0.02
7:56:22	0.06	0.09	0.02
7:56:32	0.05	0.08	0.02
7:56:43	0.05	0.07	0.02
7:56:52	0.04	0.06	0.01
7:57:02	1.65	0.06	0.80
7:57:12	20.03	0.10	1.34
7:57:22	20.60	0.10	1.43
7:57:32	20.64	0.10	1.43
7:57:42	20.67	0.09	1.39
7:57:53	20.68	0.09	1.41
7:58:02	20.69	0.09	1.49
7:58:12	20.69	0.09	1.44
7:58:22	20.70	0.09	1.46

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
7:58:32	20.71	0.08	1.47
7:58:42	20.71	0.09	1.41
7:58:52	20.71	0.09	1.42
7:59:03	20.71	0.09	1.33
7:59:12	20.71	0.09	1.24
7:59:22	20.71	0.09	1.17
7:59:32	20.71	0.09	1.10
7:59:43	20.72	0.08	1.08
7:59:52	20.72	0.08	1.07
8:00:02	20.72	0.08	1.14
8:00:13	20.72	0.08	1.07
8:00:22	20.72	0.08	1.03
8:00:32	20.72	0.08	1.01
8:00:42	20.72	0.07	1.01
8:00:53	20.72	0.07	1.01
8:01:02	20.72	0.07	1.11
8:01:12	20.73	0.07	1.21
8:01:22	20.73	0.07	1.21
8:01:32	20.72	0.07	1.07
8:01:42	17.09	2.65	0.50
8:01:52	15.49	2.93	0.57
8:02:03	15.45	2.94	0.78
8:02:12	16.91	1.54	1.43
8:02:22	20.61	0.11	1.46
8:02:32	20.69	0.09	1.31
8:02:42	20.71	0.08	1.22
8:02:52	20.71	0.08	1.18
8:03:02	20.72	0.07	1.14
8:03:13	20.72	0.07	1.16
8:03:22	20.72	0.07	1.12
8:03:32	20.72	0.07	1.09
8:03:42	20.73	0.07	1.01
8:03:52	17.63	2.49	0.54
8:04:02	15.53	2.91	0.61
8:04:12	15.49	2.92	0.78
8:04:23	15.48	2.93	1.21
8:04:32	15.46	2.94	1.48
8:04:42	15.47	2.93	1.62
8:04:52	15.47	2.93	1.58
8:05:03	15.47	2.93	1.64
<b>Start O2 strat point 1</b>			
8:05:12	15.48	2.93	1.55
8:05:22	15.49	2.93	1.57
8:05:33	15.47	2.95	1.40
8:05:42	15.48	2.94	1.32
8:05:52	15.48	2.94	1.26
8:06:02	15.46	2.96	1.22
8:06:13	15.45	2.96	1.15
8:06:22	15.45	2.96	1.10
8:06:32	15.45	2.96	1.06
8:06:42	15.45	2.96	1.01
8:06:52	15.46	2.96	0.99

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:07:02	15.45	2.96	0.95
8:07:12	15.45	2.96	0.91
8:07:23	15.45	2.95	0.89
8:07:32	15.46	2.95	0.87
8:07:42	15.46	2.95	0.85
8:07:52	15.46	2.95	0.84
8:08:02	15.47	2.95	0.81
8:08:12	15.46	2.95	0.80
8:08:22	15.46	2.95	0.79
8:08:33	15.47	2.94	0.78
8:08:42	15.46	2.95	0.77
8:08:52	15.45	2.96	0.76
8:09:02	15.43	2.97	0.74
8:09:12	15.40	2.98	0.73
8:09:22	15.38	3.00	0.72
8:09:32	15.42	2.96	0.73
8:09:43	15.47	2.93	0.72
8:09:52	15.53	2.89	0.71
8:10:02	15.61	2.84	0.70
8:10:12	15.67	2.81	0.71
8:10:22	15.70	2.80	0.69
8:10:32	15.69	2.82	0.68
8:10:42	15.65	2.84	0.68
8:10:53	15.63	2.85	0.69
8:11:02	15.57	2.88	0.69
8:11:12	15.52	2.91	0.68
8:11:22	15.49	2.93	0.66
8:11:33	15.46	2.94	0.67
8:11:42	15.46	2.94	0.65
8:11:52	15.44	2.95	0.65
8:12:03	15.44	2.95	0.63
8:12:12	15.43	2.95	0.62
8:12:22	15.42	2.96	0.61
8:12:32	15.42	2.96	0.62
8:12:43	15.43	2.96	0.60
8:12:52	15.43	2.95	0.61
8:13:02	15.43	2.97	0.63
8:13:12	15.41	2.97	0.62
8:13:22	15.42	2.97	0.61
8:13:32	15.43	2.97	0.61
8:13:42	15.42	2.97	0.59
8:13:53	15.43	2.97	0.60
8:14:02	15.42	2.97	0.61
8:14:12	15.41	2.97	0.61
8:14:22	15.41	2.98	0.62
8:14:32	15.41	2.98	0.61
8:14:42	15.40	2.98	0.60
8:14:52	15.39	2.98	0.60
<b>End O2 strat point 1</b>	<b>15.47</b>		
<b>Start O2 strat point 2</b>			
8:15:03	15.40	2.97	0.60
8:15:12	15.40	2.97	0.59

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:15:22	15.39	2.98	0.59
8:15:32	15.40	2.98	0.58
8:15:42	15.39	2.98	0.59
8:15:52	15.40	2.97	0.58
8:16:02	15.40	2.97	0.58
8:16:13	15.40	2.98	0.57
8:16:22	15.40	2.98	0.56
8:16:32	15.39	2.98	0.56
8:16:42	15.40	2.98	0.56
8:16:53	15.39	2.98	0.56
8:17:02	15.39	2.98	0.55
8:17:12	15.38	2.99	0.54
8:17:23	15.39	2.98	0.54
8:17:32	15.41	2.97	0.53
8:17:42	15.40	2.97	0.53
8:17:52	15.39	2.99	0.52
8:18:03	15.39	2.99	0.52
8:18:12	15.39	2.99	0.52
8:18:22	15.39	2.99	0.53
8:18:32	15.40	2.98	0.52
8:18:42	15.40	2.98	0.51
8:18:52	15.40	2.98	0.50
8:19:02	15.40	2.98	0.50
8:19:13	15.40	2.98	0.50
8:19:22	15.41	2.97	0.51
8:19:32	15.43	2.96	0.52
8:19:42	15.44	2.95	0.51
8:19:52	15.43	2.96	0.50
8:20:02	15.42	2.96	0.49
8:20:12	15.41	2.96	0.48
8:20:23	15.42	2.96	0.50
8:20:32	15.43	2.96	0.50
8:20:42	15.43	2.96	0.49
8:20:52	15.41	2.96	0.49
8:21:02	15.41	2.96	0.48
8:21:12	15.41	2.97	0.48
8:21:22	15.41	2.97	0.48
8:21:33	15.40	2.98	0.49
8:21:42	15.41	2.97	0.47
8:21:52	15.16	3.13	0.47
8:22:02	15.10	3.15	0.46
8:22:13	15.09	3.15	0.46
8:22:22	15.11	3.14	0.47
8:22:32	15.09	3.16	0.47
8:22:43	15.03	3.19	0.47
8:22:52	15.00	3.21	0.47
8:23:02	14.98	3.21	0.49
8:23:12	14.98	3.21	0.54
8:23:23	15.93	2.60	0.59
8:23:32	16.11	2.63	0.55
8:23:42	15.66	2.84	0.50
8:23:52	15.29	3.06	0.47

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
<b>End O2 strat point 2</b>	<b>15.37</b>		
<b>Start O2 strat point 3</b>			
8:24:02	15.10	3.16	0.46
8:24:12	15.10	3.15	0.46
8:24:22	15.11	3.14	0.45
8:24:33	15.14	3.13	0.45
8:24:42	15.14	3.12	0.45
8:24:52	15.15	3.11	0.45
8:25:02	15.18	3.10	0.45
8:25:12	15.22	3.08	0.47
8:25:22	15.46	2.88	0.50
8:25:32	15.80	2.75	0.49
8:25:43	15.72	2.77	0.48
8:25:52	15.67	2.83	0.46
8:26:02	15.57	2.88	0.45
8:26:12	15.58	2.86	0.45
8:26:22	15.60	2.86	0.46
8:26:32	15.60	2.86	0.46
8:26:42	15.60	2.86	0.45
8:26:53	15.62	2.85	0.45
8:27:02	15.61	2.85	0.45
8:27:12	15.56	2.89	0.45
8:27:22	15.56	2.86	0.44
8:27:33	15.59	2.85	0.44
8:27:42	15.62	2.84	0.44
8:27:52	15.64	2.83	0.44
8:28:03	15.64	2.83	0.45
8:28:12	15.67	2.82	0.44
8:28:22	15.70	2.81	0.45
8:28:32	15.72	2.81	0.45
8:28:43	15.73	2.80	0.44
8:28:52	15.75	2.79	0.44
8:29:02	15.76	2.79	0.43
8:29:12	15.77	2.78	0.44
8:29:22	15.77	2.78	0.44
8:29:32	15.80	2.77	0.44
8:29:42	15.79	2.77	0.44
8:29:53	15.78	2.77	0.44
8:30:02	15.77	2.78	0.44
8:30:12	15.76	2.78	0.44
8:30:22	15.77	2.78	0.44
8:30:32	15.78	2.77	0.44
8:30:42	15.78	2.77	0.45
8:30:52	15.78	2.77	0.44
<b>End O2 strat point 3</b>	<b>15.58</b>		
8:31:03	15.79	2.77	0.44
8:31:12	15.79	2.77	0.44
8:31:22	15.78	2.77	0.43
8:31:32	15.79	2.77	0.43
8:31:42	15.79	2.77	0.43
8:31:52	15.79	2.77	0.42
8:32:02	15.79	2.77	0.42



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:24:01	15.33	3.27	0.36
9:24:11	15.30	3.29	0.37
9:24:21	15.29	3.29	0.38
9:24:31	15.24	3.29	0.40
9:24:41	15.15	3.37	0.41
9:24:51	14.97	3.49	0.43
9:25:01	14.71	3.67	0.43
9:25:11	14.44	3.86	0.43
9:25:21	14.12	4.07	0.44
9:25:31	13.85	4.24	0.40
9:25:41	13.67	4.34	0.40
9:25:51	13.63	4.38	0.39
9:26:01	13.65	4.39	0.38
9:26:11	13.62	4.45	0.38
9:26:21	13.49	4.60	0.38
9:26:31	13.34	4.74	0.38
9:26:41	13.28	4.80	0.37
9:26:51	13.23	4.85	0.37
9:27:01	13.27	4.82	0.36
9:27:11	13.37	4.75	0.35
9:27:21	13.51	4.66	0.35
9:27:31	13.75	4.51	0.36
9:27:41	14.00	4.36	0.38
9:27:51	14.37	4.11	5.87
9:28:01	20.19	0.13	10.57
9:28:11	20.46	0.06	11.92
9:28:21	20.47	0.05	13.08
9:28:31	20.48	0.04	13.93
9:28:41	20.49	0.03	14.37
9:28:51	20.49	0.03	14.61
9:29:01	20.49	0.02	14.70
9:29:11	20.50	0.02	14.74
9:29:21	20.50	0.02	14.78
9:29:31	20.49	0.03	6.91
9:29:41	16.87	2.34	17.36
9:29:51	20.48	0.05	23.66
9:30:01	20.57	0.03	24.21
9:30:11	20.58	0.02	24.40
9:30:21	20.58	0.02	24.49
9:30:31	20.58	0.02	24.55
9:30:41	20.58	0.02	24.58
9:30:51	20.59	0.02	24.61
9:31:01	20.59	0.02	24.76
9:31:11	20.59	0.02	24.76
9:31:21	20.59	0.02	14.32
9:31:31	16.77	3.02	3.83
9:31:41	2.36	0.08	0.24
9:31:51	0.18	0.03	0.07
9:32:01	0.12	0.02	0.06
9:32:11	0.09	0.02	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:32:21	0.08	0.02	0.03
9:32:31	0.07	0.02	0.03
9:32:41	0.06	0.02	0.02
9:32:51	1.12	0.35	3.38
9:33:01	13.20	0.24	22.18
9:33:11	20.36	0.03	24.34
9:33:21	20.51	0.03	24.55
9:33:31	20.54	0.02	24.62
9:33:41	20.55	0.02	24.66
9:33:51	20.56	0.02	24.69
9:34:01	20.57	0.02	24.70
9:34:11	20.57	0.02	24.71
9:34:21	20.55	0.05	12.49
9:34:31	13.35	0.65	1.75
9:34:41	0.39	0.03	0.07
9:34:51	0.13	0.02	0.02
9:35:01	0.09	0.02	0.01
9:35:11	0.08	0.02	0.00
9:35:21	0.07	0.02	0.00
9:35:31	0.06	0.02	-0.01
9:35:41	0.06	0.02	-0.02
9:35:51	0.92	0.28	1.58
9:36:01	12.29	0.21	21.08
9:36:11	20.35	0.03	24.15
9:36:21	20.51	0.02	24.47
9:36:31	20.53	0.02	24.56
9:36:41	20.55	0.02	24.61
9:36:51	20.56	0.02	24.63
9:37:01	20.56	0.02	24.65
9:37:11	20.56	0.02	24.26
9:37:21	19.98	0.58	8.80
9:37:31	6.25	0.10	0.80
9:37:41	0.21	0.01	0.04
9:37:51	0.11	0.01	0.01
9:38:01	0.09	0.01	-0.01
9:38:11	0.08	0.01	-0.01
9:38:21	0.06	0.01	-0.02
9:38:31	0.05	0.01	-0.03
9:38:41	0.05	0.01	-0.03
9:38:51	1.06	0.28	2.01
9:39:01	12.67	0.19	21.20
9:39:11	20.35	0.02	24.13
9:39:21	20.51	0.01	24.46
9:39:31	20.53	0.01	24.58
9:39:41	20.55	0.01	24.63
9:39:51	20.56	0.01	24.65
9:40:01	20.56	0.00	24.66
9:40:11	20.57	0.00	24.67
9:40:21	20.57	0.00	14.84
9:40:31	14.37	0.99	3.10
9:40:41	0.44	0.02	0.08
9:40:51	0.12	0.01	0.01

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:41:01	0.09	0.01	-0.02
9:41:11	0.07	0.01	-0.03
9:41:21	0.06	0.01	-0.03
9:41:31	0.06	0.01	-0.04
9:41:41	0.05	0.01	-0.04
9:41:51	1.80	1.08	0.60
9:42:01	12.35	4.55	0.73
9:42:11	12.64	4.66	0.67
9:42:21	12.60	4.71	0.61
9:42:31	12.60	4.73	0.57
9:42:41	12.59	4.74	0.54
9:42:51	12.55	4.78	0.49
9:43:01	12.49	4.83	0.45
9:43:11	12.46	4.85	0.42
9:43:21	12.49	4.82	0.42
9:43:31	12.56	4.77	0.41
9:43:41	12.65	4.70	0.41
9:43:51	12.74	4.64	0.42
9:44:01	12.83	4.57	0.42
9:44:11	12.94	4.49	0.42
9:44:21	13.00	4.46	0.41
9:44:31	13.03	4.42	0.42
9:44:41	13.07	4.40	0.43
9:44:51	13.10	4.39	0.43
9:45:01	13.09	4.39	0.43
9:45:11	13.04	4.45	0.43
9:45:21	12.92	4.54	0.42
9:45:31	12.85	4.60	0.42
9:45:41	12.94	4.56	0.44
9:45:51	13.13	4.47	0.47
9:46:01	13.37	4.36	0.52
9:46:11	13.58	4.27	0.55
9:46:21	13.74	4.22	0.57
9:46:31	13.79	4.23	0.56
9:46:41	13.80	4.25	0.54
9:46:51	13.82	4.27	0.52
9:47:01	13.91	4.22	0.51
9:47:11	14.05	4.18	0.50
9:47:21	14.19	4.11	0.50
9:47:31	14.32	4.05	0.49
9:47:41	14.47	3.96	0.52
9:47:51	14.70	3.83	0.53
9:48:01	14.95	3.70	0.56
9:48:11	15.15	3.60	0.60
9:48:21	15.29	3.53	0.63
9:48:31	15.39	3.48	0.65
9:48:41	15.46	3.47	0.68
9:48:51	15.49	3.46	0.70
9:49:01	15.51	3.46	0.70
9:49:11	15.56	3.43	0.69
9:49:21	15.60	3.40	0.68
9:49:31	15.61	3.39	0.68

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:49:41	15.62	3.39	0.68
9:49:51	15.60	3.40	0.67
9:50:01	15.59	3.41	0.67
9:50:11	15.62	3.38	0.64
9:50:21	15.65	3.36	0.61
9:50:31	15.67	3.34	0.56
9:50:41	15.72	3.31	0.54
9:50:51	15.74	3.29	0.52
9:51:01	15.75	3.28	0.50
9:51:11	15.76	3.28	0.49
9:51:21	15.77	3.27	0.47
9:51:31	15.76	3.27	0.47
9:51:41	15.77	3.27	0.46
9:51:51	15.75	3.28	0.46
9:52:01	15.73	3.29	0.45
9:52:11	15.71	3.30	0.45
9:52:21	15.69	3.31	0.46
9:52:31	15.66	3.33	0.49
9:52:41	15.63	3.35	0.51
9:52:51	15.60	3.37	0.52
9:53:01	15.59	3.38	0.56
9:53:11	15.56	3.39	0.60
9:53:21	15.54	3.41	0.62
9:53:31	15.52	3.42	0.64
9:53:41	15.50	3.43	0.64
9:53:51	15.50	3.43	0.65
9:54:01	15.48	3.44	0.66
9:54:11	15.49	3.43	0.67
9:54:21	15.48	3.43	0.69
9:54:31	15.47	3.44	0.70
9:54:41	15.45	3.45	0.71
9:54:51	15.45	3.45	0.72
9:55:01	15.45	3.46	0.73
9:55:11	15.43	3.47	0.75
9:55:21	15.43	3.47	0.76
9:55:31	15.41	3.48	0.75
9:55:41	15.39	3.49	0.75
9:55:51	15.40	3.49	0.76
9:56:01	15.39	3.50	0.75
9:56:11	15.41	3.47	0.73
9:56:21	15.42	3.48	0.73
9:56:31	15.44	3.46	0.76
9:56:41	15.48	3.42	1.10
9:56:51	15.60	3.29	2.13
9:57:01	15.88	3.05	3.63
9:57:11	16.19	2.81	5.53
9:57:21	16.55	2.57	6.90
9:57:31	16.86	2.37	7.10
9:57:41	17.09	2.21	6.51
9:57:51	17.25	2.11	5.64
9:58:01	17.24	2.11	4.72
9:58:11	17.10	2.18	3.93

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:58:21	16.92	2.27	3.24
9:58:31	16.73	2.36	2.70
9:58:41	16.57	2.43	2.21
9:58:51	16.42	2.50	1.82
9:59:01	16.29	2.56	1.49
9:59:11	16.18	2.61	1.24
9:59:21	16.11	2.64	1.05
9:59:31	16.07	2.66	0.90
9:59:41	16.02	2.68	0.76
9:59:51	15.94	2.72	0.67
10:00:01	15.83	2.77	0.58
10:00:11	15.74	2.82	0.54
10:00:21	15.66	2.86	0.50
10:00:31	15.59	2.89	0.46
10:00:41	15.54	2.93	0.42
10:00:51	15.49	2.95	0.39
10:01:01	15.47	2.97	0.36
10:01:11	15.45	2.98	0.35
10:01:21	15.41	3.01	0.34
10:01:31	15.35	3.04	0.33
10:01:41	15.28	3.09	0.33
10:01:51	15.19	3.14	0.31
10:02:01	15.12	3.18	0.29
10:02:11	15.06	3.21	0.29
10:02:21	15.03	3.23	0.29
10:02:31	14.99	3.25	0.29
10:02:41	14.98	3.26	0.29
10:02:51	14.95	3.27	0.28
10:03:01	14.96	3.27	0.28
10:03:11	14.96	3.26	0.28
10:03:21	14.97	3.26	0.29
10:03:31	14.97	3.26	0.29
10:03:41	14.98	3.25	0.28
10:03:51	14.99	3.25	0.28
10:04:01	14.98	3.26	0.27
10:04:11	14.98	3.25	0.27
10:04:21	14.99	3.25	0.27
10:04:31	14.98	3.25	0.27
10:04:41	14.98	3.25	0.28
10:04:51	14.99	3.25	0.27
10:05:01	14.99	3.25	0.27
10:05:11	14.99	3.25	0.27
10:05:21	14.99	3.25	0.27
10:05:31	14.99	3.25	0.27
10:05:41	14.98	3.25	0.27
10:05:51	14.99	3.25	0.26
10:06:01	14.99	3.25	0.26
10:06:11	14.98	3.25	0.27
10:06:21	14.98	3.25	0.28
10:06:31	15.00	3.25	0.28
10:06:41	14.98	3.26	0.27
10:06:51	14.99	3.25	0.27

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:07:01	15.00	3.25	0.28
10:07:11	15.00	3.25	0.28
10:07:21	14.99	3.25	0.27
10:07:31	15.00	3.25	0.27
10:07:41	15.00	3.25	0.27
10:07:51	15.00	3.25	0.27
10:08:01	15.00	3.25	0.28
10:08:11	15.00	3.25	0.27
10:08:21	15.00	3.24	0.26
10:08:31	15.01	3.24	0.26
10:08:41	15.01	3.24	0.26
10:08:51	15.00	3.24	0.27
10:09:01	15.00	3.25	0.26
10:09:11	15.00	3.23	0.25
10:09:21	15.00	3.23	0.27
10:09:31	15.01	3.22	0.26
10:09:41	15.00	3.23	0.26
10:09:51	14.98	3.24	0.24
10:10:01	14.96	3.25	0.26
10:10:11	14.92	3.27	0.27
10:10:21	14.89	3.29	0.25
10:10:31	14.82	3.33	0.25
10:10:41	14.79	3.35	0.26
10:10:51	14.77	3.36	0.25
10:11:01	14.75	3.38	0.24
10:11:11	14.72	3.39	0.24
10:11:21	14.73	3.39	0.24
10:11:31	14.71	3.40	0.25
10:11:41	14.37	3.17	0.37
10:11:51	1.16	0.09	0.12
10:12:01	0.13	0.04	0.09
10:12:11	0.09	0.03	0.07
10:12:21	0.07	0.02	0.07
10:12:31	0.06	0.02	0.04
10:12:41	0.06	0.02	0.04
10:12:51	0.05	0.01	0.03
10:13:01	0.05	0.01	0.03
10:13:11	0.05	0.01	0.08
10:13:21	9.19	2.42	10.18
10:13:31	19.41	0.03	23.57
10:13:41	20.46	0.02	24.31
10:13:51	20.51	0.02	24.47
10:14:01	20.53	0.01	24.55
10:14:11	20.54	0.02	24.58
10:14:21	20.55	0.02	24.60
10:14:31	20.56	0.01	24.63
10:14:41	20.56	0.01	24.65
10:14:51	20.57	0.01	24.67
10:15:01	20.57	0.01	21.19
10:15:11	17.36	2.61	10.89
10:15:21	20.23	0.06	14.48
10:15:31	20.48	0.02	14.78

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:15:41	20.49	0.01	14.90
10:15:51	20.50	0.01	14.94
10:16:01	20.50	0.01	14.95
10:16:11	20.50	0.01	14.97
10:16:21	20.50	0.01	14.99
10:16:31	20.50	0.02	15.00
10:16:41	20.50	0.01	13.26
10:16:51	17.75	2.33	5.45
10:17:01	20.16	0.09	8.17
10:17:11	20.57	0.02	8.39
10:17:21	20.58	0.02	8.44
10:17:31	20.59	0.01	8.46
10:17:41	20.59	0.01	8.48
10:17:51	20.59	0.01	8.50
10:18:01	20.59	0.01	8.50
10:18:11	20.59	0.02	8.50
10:18:21	20.59	0.02	4.96
10:18:31	15.98	3.05	0.52
10:18:41	15.07	3.21	0.37
10:18:51	15.05	3.23	0.35
10:19:01	15.03	3.23	0.32
10:19:11	15.03	3.24	0.31
10:19:21	15.02	3.24	0.31
10:19:31	15.03	3.23	0.31
10:19:41	15.03	3.23	0.29
10:19:51	15.03	3.23	0.28
10:20:01	15.02	3.23	0.29
10:20:11	15.02	3.23	0.27
10:20:21	15.02	3.23	0.26
10:20:31	15.02	3.23	0.25
10:20:41	15.03	3.22	0.26
10:20:51	15.04	3.22	0.26
10:21:01	15.03	3.22	0.26
10:21:11	15.04	3.22	0.26
10:21:21	15.04	3.22	0.26
10:21:31	15.05	3.24	0.25
10:21:41	15.05	3.23	0.24
10:21:51	15.05	3.23	0.25
10:22:01	15.05	3.23	0.25
10:22:11	15.06	3.23	0.25
10:22:21	15.06	3.23	0.26
10:22:31	15.05	3.23	0.26
10:22:41	15.04	3.24	0.27
10:22:51	15.04	3.24	0.28
10:23:01	15.03	3.24	0.27
10:23:11	15.04	3.24	0.27
10:23:21	15.04	3.24	0.27
10:23:31	15.04	3.24	0.26
10:23:41	15.03	3.24	0.26
10:23:51	15.03	3.24	0.26
10:24:01	15.03	3.24	0.27
10:24:11	15.03	3.23	0.26

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:24:21	15.03	3.24	0.26
10:24:31	15.04	3.23	0.26
10:24:41	15.03	3.24	0.26
10:24:51	15.04	3.23	0.26
10:25:01	15.04	3.24	0.26
10:25:11	15.06	3.22	0.27
10:25:21	15.05	3.23	0.27
10:25:31	15.06	3.22	0.27
10:25:41	15.06	3.23	0.27
10:25:51	15.06	3.23	0.27
10:26:01	15.07	3.22	0.26
10:26:11	15.07	3.22	0.27
10:26:21	15.06	3.21	0.26
10:26:31	15.04	3.23	0.26
10:26:41	15.03	3.24	0.26
10:26:51	15.03	3.24	0.25
10:27:01	15.03	3.24	0.25
10:27:11	15.01	3.25	0.25
10:27:21	15.01	3.26	0.25
10:27:31	15.01	3.26	0.25
10:27:41	15.00	3.27	0.25
10:27:51	15.00	3.27	0.24
10:28:01	15.00	3.27	0.24
10:28:11	15.00	3.27	0.22
10:28:21	14.99	3.27	0.22
10:28:31	14.98	3.27	0.24
10:28:41	15.00	3.27	0.24
10:28:51	15.00	3.27	0.25
10:29:01	15.00	3.26	0.25
10:29:11	14.99	3.26	0.25
10:29:21	14.99	3.26	0.25
10:29:31	15.01	3.25	0.24
10:29:41	15.01	3.25	0.24
10:29:51	15.01	3.25	0.25
10:30:01	14.99	3.26	0.24
10:30:11	14.99	3.26	0.24
10:30:21	14.98	3.26	0.24
10:30:31	15.00	3.26	0.24
10:30:41	15.00	3.26	0.25
10:30:51	15.00	3.26	0.25
10:31:01	15.00	3.26	0.24
10:31:11	15.00	3.27	0.24
10:31:21	14.99	3.27	0.23
10:31:31	14.99	3.25	0.23
10:31:41	14.99	3.25	0.24
10:31:51	15.00	3.25	0.24
10:32:01	15.00	3.24	0.24
10:32:11	14.99	3.25	0.25
10:32:21	14.98	3.26	0.25
10:32:31	14.97	3.26	0.25
10:32:41	14.95	3.28	0.25
10:32:51	14.94	3.28	0.25



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:33:01	14.93	3.29	0.25
10:33:11	14.92	3.29	0.25
10:33:21	14.90	3.31	0.24
10:33:31	14.90	3.30	0.24
10:33:41	14.89	3.31	0.25
10:33:51	14.90	3.30	0.24
10:34:01	14.90	3.30	0.25
10:34:11	14.90	3.30	0.25
10:34:21	14.90	3.30	0.24
10:34:31	14.90	3.30	0.24
10:34:41	14.91	3.30	0.25
10:34:51	14.90	3.30	0.26
10:35:01	14.92	3.29	0.26
10:35:11	14.92	3.29	0.26
10:35:21	14.92	3.29	0.26
10:35:31	14.91	3.29	0.26
10:35:41	14.91	3.29	0.27
10:35:51	14.91	3.29	0.26
10:36:01	14.92	3.29	0.26
10:36:11	14.92	3.29	0.26
10:36:21	14.91	3.30	0.26
10:36:31	14.92	3.29	0.25
10:36:41	14.92	3.29	0.26
10:36:51	14.92	3.29	0.26
10:37:01	14.93	3.29	0.25
10:37:11	14.92	3.29	0.25
10:37:21	14.92	3.29	0.25
10:37:31	14.91	3.30	0.25
10:37:41	14.92	3.29	0.24
10:37:51	14.93	3.28	0.24
10:38:01	14.93	3.29	0.24
10:38:11	14.92	3.30	0.25
10:38:21	14.91	3.30	0.25
10:38:31	14.92	3.29	0.25
10:38:41	14.92	3.29	0.25
10:38:51	14.91	3.30	0.26
10:39:01	14.91	3.30	0.27
10:39:11	14.91	3.30	0.27
10:39:21	14.89	3.31	0.25
10:39:31	14.89	3.31	0.24
10:39:41	14.88	3.31	0.24
10:39:51	14.86	3.32	0.25
10:40:01	14.85	3.32	0.25
10:40:11	14.83	3.33	0.26
10:40:21	14.82	3.34	0.25
10:40:31	14.81	3.35	0.25
10:40:41	14.81	3.34	0.25
10:40:51	14.82	3.34	0.25
10:41:01	14.83	3.33	0.24
10:41:11	14.84	3.33	0.24
10:41:21	14.85	3.33	0.23
10:41:31	14.86	3.31	0.23

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:41:41	14.86	3.31	0.26
10:41:51	14.87	3.30	0.25
10:42:01	14.87	3.30	0.25
10:42:11	14.87	3.30	0.24
10:42:21	14.89	3.29	0.24
10:42:31	14.89	3.29	0.24
10:42:41	14.88	3.30	0.24
10:42:51	14.87	3.30	0.24
10:43:01	14.82	3.33	0.23
10:43:11	14.78	3.36	0.23
10:43:21	14.73	3.40	0.24
10:43:31	14.67	3.44	0.26
10:43:41	14.60	3.48	0.26
10:43:51	14.53	3.53	0.27
10:44:01	14.41	3.59	0.27
10:44:11	14.28	3.66	0.29
10:44:21	14.13	3.74	0.29
10:44:31	14.02	3.81	0.30
10:44:41	13.92	3.86	0.31
10:44:51	13.84	3.90	0.32
10:45:01	13.76	3.95	0.34
10:45:11	13.69	3.98	0.35
10:45:21	13.64	4.01	0.36
10:45:31	13.59	4.04	0.34
10:45:41	13.57	4.05	0.34
10:45:51	13.56	4.05	0.34
10:46:01	13.56	4.06	0.34
10:46:11	13.54	4.07	0.34
10:46:21	13.52	4.08	0.33
10:46:31	13.52	4.07	0.33
10:46:41	13.51	4.08	0.32
10:46:51	13.51	4.08	0.32
10:47:01	13.51	4.08	0.32
10:47:11	13.50	4.09	0.31
10:47:21	13.48	4.09	0.31
10:47:31	13.49	4.09	0.32
10:47:41	13.48	4.09	0.33
10:47:51	13.47	4.10	0.33
10:48:01	13.47	4.09	0.32
10:48:11	13.49	4.08	0.31
10:48:21	13.50	4.07	0.37
10:48:31	13.54	4.05	0.67
10:48:41	13.60	4.01	0.52
10:48:51	13.78	3.92	0.54
10:49:01	14.06	3.78	0.73
10:49:11	14.34	3.65	0.61
10:49:21	14.62	3.51	0.55
10:49:31	14.84	3.41	0.48
10:49:41	14.98	3.35	0.51
10:49:51	15.06	3.33	0.56
10:50:01	15.07	3.34	0.45
10:50:11	15.07	3.36	0.51

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:50:21	15.05	3.39	0.53
10:50:31	15.04	3.41	0.44
10:50:41	15.08	3.40	0.43
10:50:51	15.14	3.38	0.40
10:51:01	15.16	3.39	0.41
10:51:11	15.15	3.42	0.44
10:51:21	15.11	3.48	0.50
10:51:31	15.06	3.52	0.57
10:51:41	15.01	3.58	0.60
10:51:51	14.99	3.59	0.58
10:52:01	14.98	3.61	0.58
10:52:11	14.94	3.64	0.61
10:52:21	14.88	3.68	0.65
10:52:31	14.83	3.72	0.68
10:52:41	14.79	3.75	0.66
10:52:51	14.73	3.78	0.78
10:53:01	14.72	3.79	0.73
10:53:11	14.72	3.79	0.62
10:53:21	14.71	3.79	0.60
10:53:31	14.74	3.77	0.72
10:53:41	14.77	3.75	1.06
10:53:51	14.81	3.73	0.84
10:54:01	14.84	3.70	0.62
10:54:11	14.89	3.67	0.70
10:54:21	14.92	3.65	0.70
10:54:31	14.95	3.62	0.62
10:54:41	14.96	3.63	0.51
10:54:51	14.99	3.61	0.53
10:55:01	15.01	3.60	0.49
10:55:11	15.04	3.58	0.41
10:55:21	15.09	3.55	0.44
10:55:31	15.14	3.52	0.41
10:55:41	15.19	3.49	0.40
10:55:51	15.23	3.47	0.38
10:56:01	15.26	3.45	0.35
10:56:11	15.29	3.44	0.32
10:56:21	15.32	3.42	0.31
10:56:31	15.35	3.40	0.31
10:56:41	15.38	3.37	0.30
10:56:51	15.42	3.35	0.29
10:57:01	15.45	3.32	0.28
10:57:11	15.49	3.29	0.29
10:57:21	15.53	3.27	0.32
10:57:31	15.57	3.24	0.28
10:57:41	15.61	3.21	0.28
10:57:51	15.64	3.19	0.30
10:58:01	15.67	3.17	0.31
10:58:11	15.71	3.14	0.31
10:58:21	15.73	3.13	0.29
10:58:31	15.73	3.12	0.36
10:58:41	15.75	3.11	0.32
10:58:51	15.76	3.10	0.27

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:59:01	15.76	3.10	0.31
10:59:11	15.77	3.08	0.33
10:59:21	15.77	3.09	0.40
10:59:31	15.79	3.07	0.30
10:59:41	15.81	3.06	0.29
10:59:51	15.80	3.06	0.27
11:00:01	15.80	3.05	0.28
11:00:11	15.81	3.05	0.29
11:00:21	15.81	3.05	0.27
11:00:31	15.82	3.05	0.27
11:00:41	15.81	3.06	0.27
11:00:51	15.79	3.07	0.31
11:01:01	15.75	3.11	0.31
11:01:11	15.69	3.16	0.30
11:01:21	15.62	3.21	0.30
11:01:31	15.56	3.25	0.37
11:01:41	15.51	3.29	0.37
11:01:51	15.47	3.31	0.35
11:02:01	15.43	3.34	0.30
11:02:11	15.41	3.36	0.28
11:02:21	15.40	3.38	0.28
11:02:31	15.44	3.35	0.35
11:02:41	15.54	3.29	0.35
11:02:51	15.67	3.23	0.31
11:03:01	15.78	3.17	0.30
11:03:11	15.87	3.12	0.37
11:03:21	15.95	3.08	0.35
11:03:31	16.01	3.06	0.32
11:03:41	16.03	3.06	0.31
11:03:51	16.03	3.07	0.29
11:04:01	16.02	3.09	0.28
11:04:11	15.99	3.11	0.28
11:04:21	15.96	3.14	0.28
11:04:31	15.92	3.18	0.28
11:04:41	15.87	3.21	0.30
11:04:51	15.85	3.22	0.31
11:05:01	15.83	3.24	0.30
11:05:11	15.81	3.25	0.31
11:05:21	15.80	3.26	0.31
11:05:31	15.79	3.27	0.31
11:05:41	15.78	3.27	0.31
11:05:51	15.77	3.28	0.30
11:06:01	15.76	3.28	0.29
11:06:11	15.76	3.28	0.30
11:06:21	15.76	3.28	0.29
11:06:31	15.76	3.28	0.29
11:06:41	15.76	3.28	0.28
11:06:51	15.74	3.30	0.28
11:07:01	15.75	3.29	0.29
11:07:11	15.73	3.31	0.29
11:07:21	15.72	3.32	0.29
11:07:31	15.70	3.33	0.30

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:07:41	15.71	3.32	0.31
11:07:51	15.69	3.33	0.34
11:08:01	15.69	3.33	0.30
11:08:11	15.70	3.33	0.31
11:08:21	15.70	3.32	0.31
11:08:31	15.70	3.32	0.30
11:08:41	15.69	3.33	0.29
11:08:51	15.69	3.33	0.27
11:09:01	15.68	3.33	0.26
11:09:11	15.67	3.34	0.27
11:09:21	15.67	3.35	0.27
11:09:31	15.66	3.35	0.27
11:09:41	15.65	3.36	0.27
11:09:51	15.62	3.38	0.28
11:10:01	15.61	3.38	0.27
11:10:11	15.59	3.39	0.28
11:10:21	15.57	3.40	0.27
11:10:31	15.56	3.41	0.28
11:10:41	15.54	3.42	0.29
11:10:51	15.53	3.43	0.28
11:11:01	15.51	3.44	0.29
11:11:11	15.49	3.45	0.29
11:11:21	15.48	3.46	0.30
11:11:31	15.47	3.47	0.30
11:11:41	15.46	3.48	0.30
11:11:51	15.45	3.47	0.31
11:12:01	15.46	3.46	0.31
11:12:11	15.47	3.46	0.30
11:12:21	15.47	3.46	0.29
11:12:31	15.48	3.45	0.30
11:12:41	15.50	3.44	0.30
11:12:51	15.49	3.45	0.29
11:13:01	15.48	3.45	0.29
11:13:11	15.48	3.45	0.29
11:13:21	15.48	3.45	0.28
11:13:31	15.48	3.45	0.28
11:13:41	15.48	3.45	0.29
11:13:51	15.49	3.45	0.28
11:14:01	15.48	3.46	0.28
11:14:11	15.48	3.45	0.27
11:14:21	15.48	3.45	0.27
11:14:31	15.47	3.46	0.27
11:14:41	15.40	3.50	0.27
11:14:51	15.24	3.60	0.27
11:15:01	15.05	3.71	0.27
11:15:11	14.85	3.82	0.25
11:15:21	14.64	3.93	0.25
11:15:31	14.48	4.02	0.27
11:15:41	14.33	4.11	0.28
11:15:51	14.19	4.18	0.29
11:16:01	14.09	4.24	0.30
11:16:11	14.00	4.29	0.30

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:16:21	13.93	4.33	0.31
11:16:31	13.86	4.36	0.30
11:16:41	13.81	4.39	0.31
11:16:51	13.77	4.41	0.32
11:17:01	13.74	4.43	0.32
11:17:11	13.71	4.45	0.33
11:17:21	13.70	4.45	0.34
11:17:31	13.67	4.47	0.34
11:17:41	13.65	4.48	0.34
11:17:51	13.63	4.50	0.33
11:18:01	13.60	4.51	0.32
11:18:11	13.59	4.52	0.31
11:18:21	13.59	4.52	0.31
11:18:31	13.55	4.56	0.31
11:18:41	13.52	4.58	0.31
11:18:51	13.47	4.61	0.31
11:19:01	13.45	4.63	0.31
11:19:11	13.44	4.64	0.31
11:19:21	13.43	4.65	0.31
11:19:31	13.43	4.65	0.30
11:19:41	13.41	4.66	0.29
11:19:51	13.38	4.68	0.29
11:20:01	13.34	4.70	0.31
11:20:11	13.34	4.70	0.29
11:20:21	13.35	4.69	0.28
11:20:31	13.34	4.71	0.28
11:20:41	13.34	4.71	0.29
11:20:51	13.34	4.71	0.28
11:21:01	13.35	4.70	0.27
11:21:11	13.33	4.72	0.27
11:21:21	13.30	4.75	0.27
11:21:31	13.27	4.77	0.27
11:21:41	13.23	4.81	0.25
11:21:51	13.19	4.85	0.24
11:22:01	13.16	4.87	0.25
11:22:11	13.15	4.88	0.24
11:22:21	13.13	4.89	0.24
11:22:31	13.14	4.85	0.74
11:22:41	3.52	0.22	0.12
11:22:51	0.16	0.10	0.09
11:23:01	0.09	0.07	0.07
11:23:11	0.07	0.07	0.06
11:23:21	0.06	0.06	0.06
11:23:31	0.06	0.06	0.03
11:23:41	0.05	0.05	0.03
11:23:51	0.05	0.05	0.04
11:24:01	5.54	2.89	2.75
11:24:11	18.32	0.15	7.87
11:24:21	20.44	0.05	8.31
11:24:31	20.50	0.04	8.38
11:24:41	20.52	0.03	8.41
11:24:51	20.54	0.03	8.44

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:25:01	20.54	0.03	8.44
11:25:11	20.55	0.03	8.45
11:25:21	20.56	0.03	8.46
11:25:31	20.55	0.03	8.17
11:25:41	18.80	2.37	1.62
11:25:51	13.15	5.07	0.41
11:26:01	12.70	5.16	0.35
11:26:11	12.61	5.23	0.32
11:26:21	12.52	5.29	0.30
11:26:31	12.44	5.33	0.28
11:26:41	12.36	5.38	0.27
11:26:51	12.30	5.39	0.26
11:27:01	12.24	5.45	0.26
11:27:11	12.18	5.48	0.25
11:27:21	12.13	5.53	0.25
11:27:31	12.08	5.57	0.25
11:27:41	12.05	5.60	0.24
11:27:51	12.01	5.64	0.24
11:28:01	11.99	5.66	0.25
11:28:11	11.96	5.69	0.24
11:28:21	11.94	5.71	0.24
11:28:31	11.92	5.72	0.24
11:28:41	11.93	5.72	0.24
11:28:51	11.91	5.74	0.24
11:29:01	11.90	5.75	0.24
11:29:11	11.88	5.77	0.23
11:29:21	11.86	5.80	0.24
11:29:31	11.87	5.78	0.24
11:29:41	11.86	5.78	0.24
11:29:51	11.83	5.82	0.24
11:30:01	11.80	5.83	0.23
11:30:11	11.78	5.84	0.24
11:30:21	11.80	5.83	0.24
11:30:31	11.79	5.85	0.23
11:30:41	11.82	5.83	0.24
11:30:51	11.82	5.84	0.24
11:31:01	11.86	5.80	0.24
11:31:11	11.93	5.76	0.24
11:31:21	11.99	5.72	0.24
11:31:31	12.06	5.67	0.24
11:31:41	12.13	5.63	0.23
11:31:51	12.19	5.59	0.25
11:32:01	12.25	5.53	0.24
11:32:11	12.28	5.52	0.24
11:32:21	12.32	5.51	0.24
11:32:31	12.32	5.52	0.23
11:32:41	12.33	5.51	0.24
11:32:51	12.32	5.54	0.25
11:33:01	12.32	5.53	0.23
11:33:11	12.35	5.51	0.23
11:33:21	12.36	5.50	0.23
11:33:31	12.38	5.48	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:33:41	12.41	5.47	0.24
11:33:51	12.43	5.47	0.24
11:34:01	12.41	5.49	0.24
11:34:11	12.38	5.51	0.24
11:34:21	12.40	5.49	0.24
11:34:31	12.40	5.50	0.24
11:34:41	12.41	5.49	0.24
11:34:51	12.42	5.49	0.24
11:35:01	12.43	5.48	0.24
11:35:11	12.45	5.47	0.24
11:35:21	12.45	5.47	0.24
11:35:31	12.44	5.48	0.24
11:35:41	12.43	5.48	0.24
11:35:51	12.41	5.50	0.24
11:36:01	12.37	5.53	0.24
11:36:11	12.32	5.56	0.24
11:36:21	12.28	5.60	0.23
11:36:31	12.19	5.66	0.23
11:36:41	12.08	5.74	0.23
11:36:51	11.95	5.82	0.23
11:37:01	11.82	5.92	0.23
11:37:11	11.65	6.02	0.24
11:37:21	11.48	6.13	0.23
11:37:31	11.34	6.22	0.22
11:37:41	11.20	6.30	0.23
11:37:51	11.08	6.37	0.24
11:38:01	10.98	6.43	0.25
11:38:11	10.92	6.47	0.25
11:38:21	10.91	6.47	0.24
11:38:31	10.88	6.49	0.24
11:38:41	10.90	6.47	0.24
11:38:51	10.92	6.45	0.25
11:39:01	10.93	6.44	0.24
11:39:11	10.95	6.43	0.24
11:39:21	10.99	6.40	0.24
11:39:31	11.05	6.35	0.24
11:39:41	11.08	6.32	0.24
11:39:51	11.08	6.32	0.23
11:40:01	11.08	6.31	0.24
11:40:11	11.08	6.32	0.24
11:40:21	11.08	6.32	0.24
11:40:31	11.09	6.32	0.24
11:40:41	11.08	6.32	0.24
11:40:51	11.09	6.31	0.23
11:41:01	11.08	6.32	0.24
11:41:11	11.09	6.31	0.24
11:41:21	11.10	6.31	0.25
11:41:31	11.11	6.30	0.25
11:41:41	11.10	6.31	0.25
11:41:51	11.09	6.32	0.25
11:42:01	11.11	6.29	0.24
11:42:11	11.13	6.28	0.26



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:42:21	11.16	6.26	0.26
11:42:31	11.19	6.24	0.25
11:42:41	11.20	6.23	0.25
11:42:51	11.22	6.22	0.25
11:43:01	11.24	6.21	0.25
11:43:11	11.26	6.20	0.25
11:43:21	11.28	6.18	0.24
11:43:31	11.32	6.15	0.24
11:43:41	11.36	6.13	0.24
11:43:51	11.42	6.09	0.23
11:44:01	11.50	6.02	0.23
11:44:11	11.71	5.87	0.25
11:44:21	12.04	5.64	0.24
11:44:31	12.45	5.40	0.25
11:44:41	12.79	5.22	0.24
11:44:51	13.11	5.06	0.24
11:45:01	13.33	4.95	0.22
11:45:11	13.52	4.85	0.23
11:45:21	13.64	4.78	0.23
11:45:31	13.72	4.75	0.23
11:45:41	13.79	4.70	0.24
11:45:51	13.82	4.69	0.24
11:46:01	13.85	4.67	0.24
11:46:11	13.89	4.64	0.24
11:46:21	13.90	4.65	0.24
11:46:31	13.86	4.68	0.24
11:46:41	13.86	4.68	0.24
11:46:51	13.83	4.69	0.24
11:47:01	13.81	4.71	0.24
11:47:11	13.78	4.73	0.24
11:47:21	13.76	4.74	0.24
11:47:31	13.75	4.75	0.24
11:47:41	13.73	4.76	0.24
11:47:51	13.73	4.76	0.24
11:48:01	13.74	4.76	0.23
11:48:11	13.75	4.75	0.22
11:48:21	13.75	4.75	0.24
11:48:31	13.74	4.76	0.25
11:48:41	13.75	4.75	0.24
11:48:51	13.75	4.75	0.24
11:49:01	13.77	4.74	0.24
11:49:11	13.78	4.74	0.24
11:49:21	13.77	4.75	0.23
11:49:31	13.79	4.73	0.24
11:49:41	13.79	4.73	0.24
11:49:51	13.77	4.74	0.24
11:50:01	13.74	4.75	0.24
11:50:11	13.73	4.76	0.24
11:50:21	13.73	4.76	0.24
11:50:31	13.70	4.77	0.24
11:50:41	13.69	4.79	0.24
11:50:51	13.67	4.80	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:51:01	13.59	4.86	0.23
11:51:11	13.45	4.94	0.24
11:51:21	13.27	5.04	0.24
11:51:31	13.07	5.15	0.24
11:51:41	12.91	5.24	0.24
11:51:51	12.80	5.29	0.24
11:52:01	12.69	5.36	0.24
11:52:11	12.61	5.40	0.24
11:52:21	12.57	5.43	0.24
11:52:31	12.53	5.44	0.24
11:52:41	12.53	5.45	0.23
11:52:51	12.52	5.44	0.24
11:53:01	12.47	5.53	0.23
11:53:11	12.09	5.78	0.21
11:53:21	12.03	5.81	0.21
11:53:31	12.03	5.81	0.21
11:53:41	11.98	5.87	0.21
11:53:51	11.86	5.95	0.21
11:54:01	11.77	6.02	0.22
11:54:11	11.68	6.08	0.22
11:54:21	11.65	6.11	0.21
11:54:31	11.88	5.70	0.28
11:54:41	13.55	4.73	0.29
11:54:51	13.07	5.22	0.26
11:55:01	12.41	5.63	0.23
11:55:11	11.93	5.96	0.22
11:55:21	11.84	5.99	0.22
11:55:31	11.87	5.96	0.22
11:55:41	11.91	5.94	0.21
11:55:51	11.92	5.94	0.21
11:56:01	11.93	5.93	0.21
11:56:11	11.92	5.93	0.21
11:56:21	11.94	5.91	0.23
11:56:31	11.99	5.83	0.25
11:56:41	12.65	5.29	0.26
11:56:51	12.66	5.43	0.25
11:57:01	12.59	5.44	0.24
11:57:11	12.39	5.61	0.22
11:57:21	12.29	5.66	0.22
11:57:31	12.29	5.66	0.21
11:57:41	12.29	5.66	0.22
11:57:51	12.29	5.66	0.22
11:58:01	12.29	5.66	0.22
11:58:11	12.30	5.66	0.22
11:58:21	12.29	5.67	0.23
11:58:31	12.23	5.67	0.21
11:58:41	12.27	5.62	0.22
11:58:51	12.32	5.61	0.23
11:59:01	12.34	5.61	0.23
11:59:11	12.37	5.57	0.23
11:59:21	12.44	5.53	0.22
11:59:31	12.52	5.47	0.23

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:59:41	12.58	5.43	0.23
11:59:51	12.61	5.41	0.22
12:00:01	12.66	5.38	0.23
12:00:11	12.68	5.36	0.22
12:00:21	12.71	5.35	0.22
12:00:31	12.74	5.33	0.23
12:00:41	12.76	5.32	0.23
12:00:51	12.77	5.32	0.22
12:01:01	12.78	5.31	0.22
12:01:11	12.79	5.31	0.21
12:01:21	12.79	5.31	0.20
12:01:31	12.75	5.34	0.20
12:01:41	12.71	5.36	0.20
12:01:51	12.66	5.39	0.21
12:02:01	12.62	5.40	0.20
12:02:11	12.63	5.39	0.20
12:02:21	12.66	5.37	0.19
12:02:31	12.69	5.35	0.20
12:02:41	12.78	5.29	0.20
12:02:51	12.84	5.27	0.20
12:03:01	12.79	5.31	0.21
12:03:11	12.69	5.38	0.20
12:03:21	12.56	5.46	0.21
12:03:31	12.47	5.51	0.20
12:03:41	12.44	5.52	0.20
12:03:51	12.45	5.51	0.20
12:04:01	12.51	5.45	0.20
12:04:11	12.63	5.38	0.20
12:04:21	12.69	5.36	0.20
12:04:31	12.65	5.39	0.21
12:04:41	12.59	5.44	0.20
12:04:51	12.50	5.48	0.20
12:05:01	12.46	5.50	0.20
12:05:11	12.46	5.50	0.20
12:05:21	12.47	5.49	0.20
12:05:31	12.55	5.43	0.21
12:05:41	12.64	5.37	0.21
12:05:51	12.66	5.38	0.20
12:06:01	12.59	5.43	0.20
12:06:11	12.50	5.50	0.20
12:06:21	12.41	5.54	0.21
12:06:31	12.40	5.55	0.20
12:06:41	12.39	5.55	0.21
12:06:51	12.42	5.51	0.21
12:07:01	12.50	5.45	0.22
12:07:11	12.59	5.40	0.22
12:07:21	12.60	5.41	0.22
12:07:31	12.58	5.43	0.22
12:07:41	12.53	5.46	0.22
12:07:51	12.50	5.48	0.24
12:08:01	12.47	5.49	0.24
12:08:11	12.43	5.51	0.23

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:08:21	12.41	5.52	0.20
12:08:31	12.40	5.52	0.20
12:08:41	12.39	5.52	0.20
12:08:51	12.38	5.53	0.20
12:09:01	12.37	5.54	0.21
12:09:11	12.37	5.53	0.20
12:09:21	12.41	5.48	0.20
12:09:31	12.47	5.44	0.20
12:09:41	12.52	5.41	0.20
12:09:51	12.57	5.37	0.20
12:10:01	12.61	5.33	0.19
12:10:11	12.67	5.30	0.20
12:10:21	12.71	5.27	0.20
12:10:31	12.76	5.24	0.20
12:10:41	12.82	5.18	0.20
12:10:51	12.89	5.14	0.20
12:11:01	12.96	5.09	0.21
12:11:11	13.00	5.06	0.20
12:11:21	13.03	5.04	0.20
12:11:31	13.05	5.03	0.19
12:11:41	13.06	5.01	0.20
12:11:51	13.07	5.01	0.21
12:12:01	13.08	5.00	0.21
12:12:11	13.09	4.99	0.21
12:12:21	13.09	4.99	0.20
12:12:31	13.09	4.98	0.20
12:12:41	13.09	4.99	0.20
12:12:51	13.11	4.97	0.22
12:13:01	13.10	4.97	0.22
12:13:11	13.09	4.98	0.22
12:13:21	13.10	4.97	0.23
12:13:31	13.10	4.97	0.22
12:13:41	13.13	4.96	0.22
12:13:51	13.13	4.95	0.23
12:14:01	13.14	4.95	0.23
12:14:11	13.19	4.91	0.23
12:14:21	13.32	4.83	0.23
12:14:31	13.50	4.73	0.24
12:14:41	13.67	4.64	0.24
12:14:51	13.84	4.54	0.25
12:15:01	13.95	4.48	0.26
12:15:11	14.04	4.43	0.26
12:15:21	14.13	4.38	0.26
12:15:31	14.19	4.35	0.26
12:15:41	14.23	4.33	0.25
12:15:51	14.25	4.32	0.25
12:16:01	14.27	4.31	0.26
12:16:11	14.26	4.33	0.25
12:16:21	14.23	4.35	0.25
12:16:31	14.18	4.38	0.25
12:16:41	14.12	4.42	0.25
12:16:51	14.03	4.49	0.25

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:17:01	13.97	4.53	0.25
12:17:11	13.91	4.58	0.24
12:17:21	13.88	4.60	0.24
12:17:31	13.89	4.59	0.25
12:17:41	13.91	4.58	0.24
12:17:51	13.96	4.54	0.23
12:18:01	14.03	4.49	0.23
12:18:11	14.05	4.48	0.24
12:18:21	14.00	4.53	0.24
12:18:31	13.95	4.56	0.24
12:18:41	13.86	4.63	0.25
12:18:51	13.79	4.69	0.24
12:19:01	13.74	4.71	0.23
12:19:11	13.74	4.71	0.22
12:19:21	13.79	4.67	0.23
12:19:31	13.90	4.59	0.23
12:19:41	13.96	4.56	0.24
12:19:51	13.94	4.58	0.26
12:20:01	13.89	4.63	0.25
12:20:11	13.78	4.70	0.24
12:20:21	13.67	4.77	0.24
12:20:31	13.51	4.86	0.24
12:20:41	13.36	4.94	0.24
12:20:51	13.27	4.97	0.24
12:21:01	13.23	4.97	0.24
12:21:11	13.14	5.03	0.24
12:21:21	13.00	5.12	0.24
12:21:31	12.83	5.22	0.22
12:21:41	12.68	5.30	0.22
12:21:51	12.58	5.36	0.22
12:22:01	12.52	5.38	0.23
12:22:11	12.52	5.39	0.23
12:22:21	12.62	5.32	0.23
12:22:31	12.74	5.24	0.22
12:22:41	12.76	5.26	0.22
12:22:51	12.71	5.30	0.22
12:23:01	12.61	5.36	0.21
12:23:11	12.53	5.42	0.21
12:23:21	12.47	5.44	0.20
12:23:31	12.48	5.43	0.20
12:23:41	12.52	5.39	0.20
12:23:51	12.65	5.31	0.20
12:24:01	12.77	5.24	0.20
12:24:11	12.79	5.24	0.20
12:24:21	12.73	5.28	0.20
12:24:31	12.66	5.33	0.20
12:24:41	12.58	5.37	0.20
12:24:51	12.54	5.39	0.20
12:25:01	12.54	5.39	0.21
12:25:11	12.59	5.35	0.23
12:25:21	12.73	5.26	0.23
12:25:31	12.83	5.20	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:25:41	12.87	5.20	0.21
12:25:51	12.79	5.26	0.21
12:26:01	12.67	5.34	0.22
12:26:11	12.56	5.40	0.23
12:26:21	12.47	5.45	0.22
12:26:31	12.47	5.43	0.23
12:26:41	12.53	5.39	0.23
12:26:51	12.69	5.28	0.24
12:27:01	12.85	5.19	0.24
12:27:11	12.89	5.17	0.24
12:27:21	12.83	5.22	0.23
12:27:31	12.70	5.32	0.22
12:27:41	12.56	5.40	0.22
12:27:51	12.46	5.45	0.20
12:28:01	12.42	5.46	0.21
12:28:11	12.52	5.38	0.21
12:28:21	12.68	5.28	0.21
12:28:31	12.84	5.19	0.21
12:28:41	12.87	5.19	0.20
12:28:51	12.82	5.23	0.20
12:29:01	12.71	5.31	0.20
12:29:11	12.61	5.36	0.20
12:29:21	12.54	5.38	0.20
12:29:31	12.57	5.35	0.20
12:29:41	12.65	5.29	0.20
12:29:51	12.80	5.18	0.20
12:30:01	12.91	5.13	0.21
12:30:11	12.94	5.12	0.22
12:30:21	12.88	5.17	0.21
12:30:31	12.80	5.23	0.22
12:30:41	12.72	5.27	0.22
12:30:51	12.68	5.28	0.22
12:31:01	12.68	5.29	0.22
12:31:11	12.65	5.30	0.21
12:31:21	12.63	5.30	0.20
12:31:31	12.59	5.34	0.20
12:31:41	12.56	5.35	0.18
12:31:51	12.52	5.36	0.19
12:32:01	12.55	5.33	0.18
12:32:11	12.67	5.25	0.17
12:32:21	12.85	5.13	0.19
12:32:31	13.01	5.04	0.20
12:32:41	13.06	5.03	0.21
12:32:51	13.00	5.08	0.21
12:33:01	12.89	5.15	0.20
12:33:11	12.79	5.22	0.20
12:33:21	12.73	5.24	0.20
12:33:31	12.77	5.20	0.21
12:33:41	12.90	5.11	0.22
12:33:51	13.05	5.01	0.20
12:34:01	13.12	4.99	0.20
12:34:11	13.07	5.04	0.20

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
12:34:21	12.96	5.11	0.20
12:34:31	12.85	5.19	0.20
12:34:41	12.75	5.23	0.20
12:34:51	12.78	5.20	0.19
12:35:01	12.86	5.14	0.20
12:35:11	13.03	5.03	0.19
12:35:21	13.13	4.98	0.20
12:35:31	13.13	5.00	0.21
12:35:41	13.02	5.07	0.20
12:35:51	12.92	5.13	0.20
12:36:01	12.85	5.16	0.19
12:36:11	12.87	5.14	0.19
12:36:21	12.96	5.07	0.20
12:36:31	13.12	4.96	0.20
12:36:41	13.21	4.91	0.20
12:36:51	13.21	4.93	0.21
12:37:01	13.12	5.00	0.20
12:37:11	13.02	5.06	0.20
12:37:21	12.93	5.11	0.18
12:37:31	12.94	5.09	0.19
12:37:41	13.01	5.03	0.20
12:37:51	13.18	4.91	0.20
12:38:01	13.31	4.85	0.20
12:38:11	13.30	4.88	0.20
12:38:21	13.23	4.93	0.22
12:38:31	13.10	5.02	0.21
12:38:41	13.00	5.08	0.20
12:38:51	12.91	5.12	0.20
12:39:01	12.95	5.08	0.20
12:39:11	13.06	5.00	0.20
12:39:21	13.20	4.90	0.20
12:39:31	13.30	4.85	0.21
12:39:41	13.29	4.88	0.21
12:39:51	13.18	4.95	0.22
12:40:01	13.05	5.03	0.21
<b>Cal Bias</b>			
12:40:11	12.93	5.10	0.20
12:40:21	12.94	5.07	0.41
12:40:31	9.10	1.10	0.24
12:40:41	1.08	0.16	0.08
12:40:51	0.12	0.07	0.07
12:41:01	0.08	0.05	0.07
12:41:11	0.06	0.05	0.06
12:41:21	0.06	0.04	0.06
12:41:31	0.05	0.04	0.04
12:41:41	0.05	0.04	0.03
12:41:51	0.04	0.03	0.02
<b>N2 Zero</b>	<b>0.05</b>	<b>0.04</b>	<b>0.03</b>
12:42:01	0.47	0.32	0.19
12:42:11	7.67	7.61	0.06
12:42:21	9.71	9.40	0.00
12:42:31	9.96	9.82	-0.01

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
12:42:41	9.97	9.86	-0.02
12:42:51	9.98	9.87	-0.02
12:43:01	9.98	9.88	-0.03
12:43:11	9.98	9.88	-0.03
12:43:21	9.98	9.89	-0.03
12:43:31	9.98	9.89	-0.04
<b>10.1/10.0 O2/CO2</b>	<b>9.98</b>	<b>9.89</b>	<b>-0.03</b>
12:43:41	9.99	9.88	0.15
12:43:51	12.28	5.92	1.65
12:44:01	18.76	1.03	7.31
12:44:11	20.23	0.26	8.23
12:44:21	20.50	0.11	8.36
12:44:31	20.52	0.08	8.40
12:44:41	20.53	0.06	8.43
12:44:51	20.54	0.06	8.44
12:45:01	20.54	0.05	8.45
12:45:11	20.54	0.05	8.44
12:45:21	20.54	0.04	8.08
12:45:31	17.00	3.86	1.52
12:45:41	13.89	4.60	0.38
12:45:51	13.01	5.09	0.32
12:46:01	12.85	5.14	0.30
12:46:11	12.83	5.15	0.26
12:46:21	12.81	5.16	0.25
12:46:31	12.77	5.18	0.23
12:46:41	12.78	5.18	0.19
12:46:51	12.73	5.21	0.20
12:47:01	12.70	5.23	0.20
12:47:11	12.68	5.24	0.19
12:47:21	12.76	5.18	0.19
12:47:31	12.87	5.10	0.19
12:47:41	13.06	4.98	0.20
12:47:51	13.18	4.92	0.20
12:48:01	13.22	4.91	0.20
12:48:11	13.19	4.94	0.20
12:48:21	13.13	4.97	0.20
12:48:31	13.08	5.01	0.20
12:48:41	13.01	5.05	0.20
12:48:51	12.94	5.10	0.20
12:49:01	12.85	5.15	0.20
12:49:11	12.78	5.20	0.20
12:49:21	12.71	5.25	0.21
12:49:31	12.65	5.28	0.21
12:49:41	12.60	5.31	0.20
12:49:51	12.53	5.34	0.20
12:50:01	12.49	5.37	0.19
12:50:11	12.51	5.34	0.19
12:50:21	12.59	5.30	0.19
12:50:31	12.72	5.21	0.19
12:50:41	12.88	5.12	0.20
12:50:51	12.95	5.10	0.20
12:51:01	12.91	5.14	0.20



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:51:11	12.81	5.21	0.20
12:51:21	12.70	5.28	0.20
12:51:31	12.63	5.31	0.19
12:51:41	12.67	5.29	0.20
12:51:51	12.78	5.21	0.20
12:52:01	12.92	5.13	0.19
12:52:11	12.97	5.11	0.20
12:52:21	12.95	5.15	0.20
12:52:31	12.85	5.21	0.20
12:52:41	12.76	5.26	0.20
12:52:51	12.70	5.28	0.19
12:53:01	12.74	5.24	0.20
12:53:11	12.84	5.17	0.19
12:53:21	12.96	5.09	0.19
12:53:31	13.00	5.08	0.20
12:53:41	12.92	5.15	0.20
12:53:51	12.81	5.22	0.19
12:54:01	12.71	5.28	0.19
12:54:11	12.71	5.27	0.19
12:54:21	12.75	5.24	0.20
12:54:31	12.84	5.18	0.20
12:54:41	12.86	5.19	0.19
12:54:51	12.81	5.22	0.17
12:55:01	12.72	5.28	0.17
12:55:11	12.71	5.28	0.17
12:55:21	12.74	5.25	0.17
12:55:31	12.83	5.19	0.18
12:55:41	12.89	5.16	0.18
12:55:51	12.86	5.20	0.17
12:56:01	12.77	5.26	0.17
12:56:11	12.71	5.28	0.19
12:56:21	12.72	5.27	0.17
12:56:31	12.78	5.22	0.19
12:56:41	12.87	5.17	0.18
12:56:51	12.85	5.20	0.20
12:57:01	12.77	5.26	0.20
12:57:11	12.68	5.31	0.20
12:57:21	12.68	5.30	0.20
12:57:31	12.75	5.24	0.20
12:57:41	12.84	5.17	0.20
12:57:51	12.88	5.17	0.20
12:58:01	12.82	5.22	0.19
12:58:11	12.74	5.27	0.19
12:58:21	12.70	5.28	0.19
12:58:31	12.72	5.27	0.20
12:58:41	12.82	5.20	0.21
12:58:51	12.91	5.15	0.20
12:59:01	12.90	5.17	0.21
12:59:11	12.79	5.24	0.20
12:59:21	12.67	5.31	0.20
12:59:31	12.60	5.35	0.20
12:59:41	12.56	5.35	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:59:51	12.61	5.31	0.20
13:00:01	12.76	5.21	0.20
13:00:11	12.88	5.14	0.20
13:00:21	12.89	5.16	0.20
13:00:31	12.84	5.20	0.20
13:00:41	12.73	5.27	0.20
13:00:51	12.66	5.31	0.20
13:01:01	12.60	5.34	0.21
13:01:11	12.60	5.33	0.20
13:01:21	12.68	5.27	0.21
13:01:31	12.82	5.17	0.21
13:01:41	12.91	5.13	0.20
13:01:51	12.90	5.16	0.21
13:02:01	12.83	5.21	0.21
13:02:11	12.69	5.30	0.19
13:02:21	12.60	5.35	0.19
13:02:31	12.56	5.37	0.18
13:02:41	12.58	5.34	0.19
13:02:51	12.65	5.29	0.19
13:03:01	12.79	5.19	0.20
13:03:11	12.86	5.18	0.20
13:03:21	12.84	5.20	0.20
13:03:31	12.78	5.24	0.19
13:03:41	12.73	5.27	0.18
13:03:51	12.64	5.34	0.18
13:04:01	12.59	5.35	0.18
13:04:11	12.51	5.40	0.18
13:04:21	12.48	5.40	0.16
13:04:31	12.47	5.39	0.17
13:04:41	12.56	5.34	0.17
13:04:51	12.66	5.26	0.19
13:05:01	12.81	5.18	0.19
13:05:11	12.91	5.12	0.21
13:05:21	12.90	5.14	0.21
13:05:31	12.83	5.20	0.20
13:05:41	12.70	5.28	0.20
13:05:51	12.62	5.33	0.19
13:06:01	12.56	5.35	0.18
13:06:11	12.61	5.31	0.20
13:06:21	12.70	5.24	0.19
13:06:31	12.84	5.16	0.20
13:06:41	12.93	5.12	0.20
13:06:51	12.90	5.14	0.22
13:07:01	12.82	5.22	0.21
13:07:11	12.68	5.29	0.20
13:07:21	12.61	5.33	0.20
13:07:31	12.59	5.33	0.20
13:07:41	12.64	5.29	0.20
13:07:51	12.75	5.21	0.20
13:08:01	12.87	5.15	0.20
13:08:11	12.91	5.13	0.21
13:08:21	12.85	5.19	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:08:31	12.75	5.24	0.20
13:08:41	12.67	5.29	0.19
13:08:51	12.63	5.30	0.19
13:09:01	12.68	5.26	0.19
13:09:11	12.80	5.18	0.18
13:09:21	12.91	5.11	0.19
13:09:31	12.94	5.11	0.19
13:09:41	12.83	5.20	0.20
13:09:51	12.72	5.26	0.20
13:10:01	12.63	5.30	0.19
13:10:11	12.64	5.29	0.19
13:10:21	12.70	5.24	0.19
13:10:31	12.84	5.14	0.19
13:10:41	12.91	5.12	0.20
13:10:51	12.89	5.14	0.20
13:11:01	12.80	5.21	0.20
13:11:11	12.72	5.26	0.20
13:11:21	12.65	5.28	0.20
13:11:31	12.69	5.25	0.19
13:11:41	12.78	5.17	0.19
13:11:51	12.90	5.10	0.20
13:12:01	12.97	5.08	0.20
13:12:11	12.97	5.09	0.20
13:12:21	12.90	5.14	0.20
13:12:31	12.79	5.21	0.20
13:12:41	12.68	5.28	0.20
13:12:51	12.58	5.32	0.20
13:13:01	12.56	5.34	0.20
13:13:11	12.56	5.33	0.20
13:13:21	12.62	5.28	0.20
13:13:31	12.76	5.19	0.20
13:13:41	12.89	5.11	0.20
13:13:51	12.93	5.12	0.18
13:14:01	12.88	5.16	0.20
13:14:11	12.81	5.21	0.18
13:14:21	12.75	5.24	0.20
13:14:31	12.70	5.26	0.21
13:14:41	12.65	5.29	0.20
13:14:51	12.60	5.32	0.20
13:15:01	12.59	5.33	0.20
13:15:11	12.54	5.35	0.19
13:15:21	12.51	5.37	0.19
13:15:31	12.50	5.38	0.19
13:15:41	12.50	5.38	0.19
13:15:51	12.49	5.38	0.19
<b>Start Run 1A</b>			
13:16:01	12.49	5.38	0.20
13:16:11	12.50	5.36	0.20
13:16:21	12.50	5.38	0.19
13:16:31	12.50	5.38	0.20
13:16:41	12.47	5.40	0.19
13:16:51	12.47	5.39	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:17:01	12.49	5.37	0.17
13:17:11	12.59	5.31	0.17
13:17:21	12.71	5.22	0.18
13:17:31	12.88	5.12	0.18
13:17:41	12.98	5.07	0.19
13:17:51	12.99	5.08	0.20
13:18:01	12.94	5.11	0.20
13:18:11	12.87	5.16	0.21
13:18:21	12.78	5.21	0.21
13:18:31	12.75	5.22	0.22
13:18:41	12.70	5.26	0.20
13:18:51	12.68	5.27	0.20
13:19:01	12.67	5.27	0.20
13:19:11	12.64	5.30	0.20
13:19:21	12.61	5.30	0.19
13:19:31	12.63	5.29	0.19
13:19:41	12.65	5.26	0.19
13:19:51	12.73	5.21	0.20
13:20:01	12.84	5.13	0.20
13:20:11	12.95	5.07	0.20
13:20:21	12.98	5.07	0.20
13:20:31	12.91	5.13	0.20
13:20:41	12.82	5.18	0.20
13:20:51	12.74	5.24	0.19
13:21:01	12.73	5.22	0.18
13:21:11	12.77	5.19	0.20
13:21:21	12.89	5.12	0.20
13:21:31	12.96	5.09	0.20
13:21:41	12.96	5.10	0.20
13:21:51	12.87	5.17	0.20
13:22:01	12.78	5.23	0.20
13:22:11	12.69	5.27	0.20
13:22:21	12.73	5.24	0.19
13:22:31	12.80	5.19	0.20
13:22:41	12.92	5.11	0.20
13:22:51	12.95	5.11	0.20
13:23:01	12.90	5.15	0.20
13:23:11	12.76	5.24	0.20
13:23:21	12.67	5.29	0.19
13:23:31	12.61	5.32	0.19
13:23:41	12.63	5.28	0.19
13:23:51	12.71	5.22	0.19
13:24:01	12.86	5.13	0.20
13:24:11	12.92	5.11	0.19
13:24:21	12.88	5.14	0.20
13:24:31	12.80	5.21	0.21
13:24:41	12.67	5.28	0.20
13:24:51	12.61	5.31	0.20
13:25:01	12.59	5.31	0.20
13:25:11	12.66	5.26	0.20
13:25:21	12.77	5.18	0.20
13:25:31	12.91	5.10	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:25:41	12.93	5.11	0.20
13:25:51	12.87	5.15	0.20
13:26:01	12.77	5.23	0.21
13:26:11	12.67	5.28	0.20
13:26:21	12.62	5.31	0.20
13:26:31	12.61	5.29	0.19
13:26:41	12.69	5.24	0.20
13:26:51	12.81	5.15	0.19
13:27:01	12.74	5.28	0.17
13:27:11	12.56	5.35	0.17
13:27:21	12.42	5.44	0.17
13:27:31	12.28	5.53	0.15
13:27:41	12.16	5.62	0.15
13:27:51	12.06	5.68	0.15
13:28:01	12.03	5.69	0.17
13:28:11	12.08	5.64	0.18
13:28:21	12.15	5.57	0.19
13:28:31	13.00	4.80	0.25
13:28:41	13.89	4.53	0.26
13:28:51	13.23	5.00	0.23
13:29:01	12.72	5.34	0.20
13:29:11	12.33	5.53	0.18
13:29:21	12.22	5.57	0.17
13:29:31	12.29	5.51	0.17
13:29:41	12.44	5.40	0.17
13:29:51	12.57	5.34	0.18
13:30:01	12.59	5.34	0.17
13:30:11	12.52	5.40	0.18
13:30:21	12.41	5.47	0.18
13:30:31	12.49	5.32	0.21
13:30:41	13.05	5.03	0.22
13:30:51	12.80	5.20	0.21
13:31:01	12.91	5.15	0.21
13:31:11	12.88	5.16	0.20
13:31:21	12.97	5.10	0.20
13:31:31	13.00	5.09	0.20
13:31:41	12.93	5.16	0.19
13:31:51	12.81	5.23	0.20
13:32:01	12.70	5.29	0.19
13:32:11	12.63	5.34	0.18
13:32:21	12.59	5.36	0.18
13:32:31	12.64	5.27	0.19
13:32:41	12.74	5.21	0.18
13:32:51	12.86	5.15	0.19
13:33:01	12.92	5.13	0.19
13:33:11	12.94	5.13	0.19
13:33:21	12.93	5.14	0.20
13:33:31	12.90	5.18	0.20
13:33:41	12.88	5.18	0.20
13:33:51	12.81	5.22	0.19
13:34:01	12.77	5.23	0.18
13:34:11	12.78	5.23	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:34:21	12.85	5.16	0.19
13:34:31	12.95	5.10	0.18
13:34:41	13.11	5.00	0.19
13:34:51	13.19	4.97	0.20
13:35:01	13.13	5.02	0.20
13:35:11	13.06	5.07	0.20
13:35:21	12.93	5.15	0.19
13:35:31	12.86	5.19	0.19
13:35:41	12.80	5.22	0.19
13:35:51	12.84	5.18	0.19
13:36:01	12.93	5.12	0.17
13:36:11	13.04	5.05	0.18
13:36:21	13.08	5.04	0.20
13:36:31	13.03	5.08	0.19
13:36:41	12.96	5.14	0.18
13:36:51	12.82	5.22	0.19
13:37:01	12.75	5.26	0.18
13:37:11	12.69	5.28	0.16
13:37:21	12.73	5.24	0.17
13:37:31	12.82	5.18	0.18
13:37:41	12.96	5.09	0.18
13:37:51	13.05	5.05	0.18
13:38:01	13.02	5.08	0.19
13:38:11	12.95	5.13	0.19
13:38:21	12.83	5.21	0.19
13:38:31	12.74	5.25	0.18
13:38:41	12.68	5.29	0.18
13:38:51	12.71	5.26	0.17
13:39:01	12.81	5.19	0.17
13:39:11	12.94	5.10	0.18
13:39:21	13.01	5.07	0.19
13:39:31	12.99	5.11	0.18
13:39:41	12.89	5.18	0.19
13:39:51	12.75	5.25	0.18
13:40:01	12.68	5.29	0.17
13:40:11	12.63	5.30	0.17
13:40:21	12.71	5.25	0.18
13:40:31	12.82	5.17	0.18
13:40:41	12.97	5.08	0.19
13:40:51	13.03	5.07	0.19
13:41:01	12.97	5.12	0.19
13:41:11	12.87	5.19	0.19
13:41:21	12.74	5.27	0.19
13:41:31	12.67	5.30	0.17
13:41:41	12.65	5.30	0.18
13:41:51	12.71	5.25	0.17
13:42:01	12.83	5.17	0.18
13:42:11	12.99	5.07	0.18
13:42:21	13.02	5.08	0.19
13:42:31	12.95	5.13	0.19
13:42:41	12.85	5.20	0.19
13:42:51	12.74	5.26	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:43:01	12.68	5.29	0.19
13:43:11	12.69	5.27	0.18
13:43:21	12.78	5.21	0.18
13:43:31	12.91	5.12	0.19
13:43:41	13.01	5.07	0.19
13:43:51	13.00	5.09	0.20
13:44:01	12.97	5.12	0.20
13:44:11	12.85	5.21	0.19
13:44:21	12.73	5.26	0.19
13:44:31	12.67	5.30	0.18
13:44:41	12.68	5.27	0.18
13:44:51	12.74	5.23	0.18
13:45:01	12.84	5.16	0.20
13:45:11	12.93	5.11	0.20
13:45:21	12.89	5.16	0.20
13:45:31	12.81	5.21	0.21
13:45:41	12.68	5.30	0.20
13:45:51	12.59	5.34	0.19
13:46:01	12.55	5.37	0.20
13:46:11	12.59	5.34	0.19
13:46:21	12.67	5.27	0.20
13:46:31	12.81	5.19	0.20
13:46:41	12.91	5.14	0.21
13:46:51	12.90	5.17	0.20
13:47:01	12.84	5.20	0.21
13:47:11	12.76	5.26	0.21
13:47:21	12.71	5.27	0.21
13:47:31	12.65	5.31	0.21
13:47:41	12.62	5.33	0.21
13:47:51	12.58	5.35	0.20
13:48:01	12.55	5.36	0.21
13:48:11	12.53	5.38	0.20
13:48:21	12.47	5.41	0.21
13:48:31	12.43	5.45	0.19
13:48:41	12.39	5.47	0.19
13:48:51	12.39	5.47	0.18
13:49:01	12.43	5.43	0.18
13:49:11	12.53	5.36	0.19
13:49:21	12.66	5.27	0.20
13:49:31	12.80	5.20	0.20
13:49:41	12.81	5.20	0.20
13:49:51	12.74	5.26	0.19
13:50:01	12.60	5.34	0.19
13:50:11	12.55	5.37	0.19
13:50:21	12.49	5.39	0.17
13:50:31	12.56	5.33	0.19
13:50:41	12.66	5.27	0.20
13:50:51	12.77	5.20	0.20
13:51:01	12.81	5.19	0.20
13:51:11	12.79	5.23	0.20
13:51:21	12.68	5.31	0.20
13:51:31	12.61	5.34	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:51:41	12.56	5.36	0.19
13:51:51	12.61	5.32	0.19
13:52:01	12.70	5.26	0.19
13:52:11	12.83	5.17	0.20
13:52:21	12.88	5.16	0.20
13:52:31	12.84	5.19	0.20
13:52:41	12.74	5.26	0.19
13:52:51	12.62	5.33	0.18
13:53:01	12.56	5.35	0.18
13:53:11	12.57	5.34	0.18
13:53:21	12.62	5.31	0.18
13:53:31	12.73	5.22	0.19
13:53:41	12.80	5.19	0.19
13:53:51	12.80	5.20	0.19
13:54:01	12.70	5.28	0.19
13:54:11	12.59	5.34	0.18
13:54:21	12.52	5.37	0.17
13:54:31	12.53	5.36	0.18
13:54:41	12.58	5.32	0.18
13:54:51	12.70	5.23	0.19
13:55:01	12.78	5.20	0.19
13:55:11	12.78	5.20	0.19
13:55:21	12.72	5.26	0.19
13:55:31	12.59	5.33	0.18
13:55:41	12.53	5.37	0.17
13:55:51	12.52	5.36	0.17
13:56:01	12.56	5.33	0.18
13:56:11	12.65	5.27	0.18
13:56:21	12.74	5.22	0.18
13:56:31	12.76	5.22	0.18
13:56:41	12.70	5.26	0.17
13:56:51	12.58	5.34	0.17
13:57:01	12.49	5.39	0.17
13:57:11	12.44	5.41	0.17
13:57:21	12.48	5.37	0.17
13:57:31	12.58	5.31	0.17
13:57:41	12.69	5.24	0.16
13:57:51	12.75	5.22	0.17
13:58:01	12.71	5.25	0.17
13:58:11	12.61	5.33	0.17
13:58:21	12.53	5.37	0.17
13:58:31	12.48	5.40	0.17
13:58:41	12.48	5.39	0.17
13:58:51	12.56	5.32	0.17
13:59:01	12.68	5.24	0.17
13:59:11	12.77	5.20	0.17
13:59:21	12.74	5.22	0.18
13:59:31	12.71	5.26	0.17
13:59:41	12.58	5.34	0.17
13:59:51	12.50	5.37	0.18
14:00:01	12.49	5.37	0.17
14:00:11	12.54	5.33	0.18



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:00:21	12.65	5.26	0.18
14:00:31	12.77	5.19	0.18
14:00:41	12.82	5.17	0.18
14:00:51	12.77	5.22	0.19
14:01:01	12.67	5.30	0.19
14:01:11	12.56	5.36	0.19
14:01:21	12.51	5.38	0.18
14:01:31	12.47	5.39	0.17
14:01:41	12.55	5.33	0.17
14:01:51	12.66	5.27	0.19
14:02:01	12.78	5.19	0.19
14:02:11	12.81	5.19	0.19
14:02:21	12.78	5.22	0.18
14:02:31	12.72	5.26	0.18
14:02:41	12.68	5.29	0.18
14:02:51	12.63	5.31	0.20
14:03:01	12.58	5.34	0.19
14:03:11	12.56	5.34	0.19
14:03:21	12.53	5.35	0.19
14:03:31	12.51	5.36	0.19
14:03:41	12.48	5.38	0.19
14:03:51	12.43	5.41	0.17
14:04:01	12.43	5.40	0.17
14:04:11	12.47	5.36	0.18
14:04:21	12.58	5.29	0.17
14:04:31	12.72	5.20	0.18
14:04:41	12.84	5.15	0.17
14:04:51	12.83	5.17	0.18
14:05:01	12.72	5.25	0.17
14:05:11	12.63	5.30	0.17
14:05:21	12.57	5.33	0.17
14:05:31	12.60	5.30	0.17
14:05:41	12.66	5.26	0.15
14:05:51	12.77	5.18	0.15
14:06:01	12.85	5.15	0.17
14:06:11	12.79	5.21	0.18
14:06:21	12.67	5.29	0.18
14:06:31	12.58	5.34	0.17
14:06:41	12.53	5.36	0.17
14:06:51	12.58	5.32	0.17
14:07:01	12.69	5.25	0.17
14:07:11	12.80	5.18	0.18
14:07:21	12.83	5.18	0.18
14:07:31	12.76	5.24	0.17
14:07:41	12.64	5.31	0.17
14:07:51	12.56	5.35	0.17
14:08:01	12.52	5.36	0.17
14:08:11	12.60	5.31	0.17
14:08:21	12.68	5.26	0.17
14:08:31	12.79	5.18	0.17
14:08:41	12.80	5.19	0.18
14:08:51	12.74	5.24	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:09:01	12.64	5.31	0.17
14:09:11	12.56	5.36	0.18
14:09:21	12.54	5.35	0.17
14:09:31	12.62	5.30	0.17
14:09:41	12.69	5.24	0.18
14:09:51	12.79	5.18	0.17
14:10:01	12.82	5.19	0.17
14:10:11	12.75	5.24	0.17
14:10:21	12.64	5.31	0.17
14:10:31	12.53	5.37	0.17
14:10:41	12.46	5.41	0.15
14:10:51	12.43	5.42	0.15
14:11:01	12.48	5.37	0.16
14:11:11	12.56	5.32	0.16
14:11:21	12.69	5.23	0.16
14:11:31	12.76	5.21	0.17
14:11:41	12.74	5.23	0.17
14:11:51	12.64	5.31	0.17
14:12:01	12.54	5.38	0.16
14:12:11	12.49	5.40	0.16
14:12:21	12.49	5.38	0.16
14:12:31	12.56	5.34	0.16
14:12:41	12.70	5.24	0.16
14:12:51	12.82	5.17	0.17
14:13:01	12.82	5.20	0.17
14:13:11	12.75	5.25	0.16
14:13:21	12.63	5.32	0.17
14:13:31	12.53	5.38	0.17
14:13:41	12.50	5.39	0.16
14:13:51	12.56	5.34	0.17
14:14:01	12.65	5.29	0.17
14:14:11	12.80	5.18	0.18
14:14:21	12.89	5.13	0.18
14:14:31	12.89	5.15	0.17
14:14:41	12.84	5.18	0.18
14:14:51	12.78	5.22	0.18
14:15:01	12.73	5.25	0.17
14:15:11	12.66	5.29	0.17
14:15:21	12.60	5.32	0.17
14:15:31	12.55	5.36	0.17
14:15:41	12.49	5.39	0.17
14:15:51	12.48	5.39	0.17
14:16:01	12.53	5.35	0.16
14:16:11	12.64	5.28	0.17
14:16:21	12.78	5.19	0.17
14:16:31	12.93	5.10	0.17
14:16:41	12.98	5.09	0.18
14:16:51	12.93	5.13	0.18
14:17:01	12.85	5.18	0.18
14:17:11	12.77	5.23	0.18
14:17:21	12.70	5.27	0.18
14:17:31	12.65	5.29	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:17:41	12.61	5.30	0.16
14:17:51	12.57	5.32	0.16
14:18:01	12.55	5.33	0.17
14:18:11	12.52	5.35	0.17
14:18:21	12.47	5.36	0.17
14:18:31	12.41	5.43	0.16
14:18:41	12.40	5.42	0.16
14:18:51	12.39	5.43	0.16
14:19:01	12.45	5.38	0.17
14:19:11	12.55	5.31	0.17
14:19:21	12.69	5.22	0.18
14:19:31	12.83	5.16	0.19
14:19:41	12.81	5.18	0.20
14:19:51	12.71	5.26	0.19
14:20:01	12.58	5.33	0.17
14:20:11	12.52	5.35	0.17
14:20:21	12.52	5.34	0.17
14:20:31	12.57	5.32	0.17
14:20:41	12.69	5.23	0.18
14:20:51	12.77	5.21	0.18
14:21:01	12.69	5.26	0.16
14:21:11	12.58	5.35	0.17
14:21:21	12.47	5.41	0.18
14:21:31	12.38	5.46	0.18
14:21:41	12.36	5.45	0.18
14:21:51	12.41	5.41	0.17
14:22:01	12.54	5.33	0.17
14:22:11	12.66	5.28	0.18
14:22:21	12.66	5.29	0.20
14:22:31	12.58	5.35	0.19
14:22:41	12.46	5.41	0.18
14:22:51	12.39	5.45	0.17
14:23:01	12.35	5.46	0.18
14:23:11	12.41	5.41	0.18
14:23:21	12.52	5.34	0.18
14:23:31	12.64	5.26	0.18
14:23:41	12.69	5.25	0.17
14:23:51	12.62	5.30	0.18
14:24:01	12.52	5.38	0.18
14:24:11	12.37	5.44	0.17
14:24:21	12.30	5.49	0.17
14:24:31	12.27	5.49	0.17
14:24:41	12.35	5.43	0.17
14:24:51	12.47	5.34	0.19
<b>End Run 1A</b>	<b>12.69</b>	<b>5.26</b>	
14:25:01	12.61	5.27	0.19
14:25:11	12.65	5.27	0.19
14:25:21	12.59	5.31	0.18
14:25:31	12.49	5.38	0.17
14:25:41	12.36	5.46	0.17
14:25:51	12.29	5.50	0.17
14:26:01	12.21	5.53	0.17

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
14:26:11	12.24	5.50	0.17
14:26:21	12.31	5.44	0.17
14:26:31	12.45	5.36	0.17
14:26:41	12.50	5.34	0.18
14:26:51	12.46	5.38	0.17
14:27:01	12.39	5.42	0.17
14:27:11	12.32	5.46	0.17
14:27:21	12.26	5.49	0.17
14:27:31	12.22	5.52	0.17
14:27:41	12.18	5.55	0.16
14:27:51	12.15	5.56	0.17
14:28:01	12.13	5.58	0.17
14:28:11	12.13	5.56	0.18
14:28:21	12.22	5.49	0.18
14:28:31	12.26	5.46	0.18
14:28:41	12.32	5.41	0.19
14:28:51	12.50	5.28	0.19
14:29:01	12.89	4.98	0.18
14:29:11	13.43	4.58	0.17
14:29:21	13.91	4.25	0.18
14:29:31	14.26	4.01	0.18
14:29:41	14.46	3.85	0.18
14:29:51	14.50	3.78	0.19
14:30:01	14.51	3.74	0.18
14:30:11	14.48	3.72	0.18
14:30:21	15.87	1.34	0.60
14:30:31	0.98	0.25	0.08
14:30:41	0.59	0.22	0.05
14:30:51	0.52	0.18	0.04
14:31:01	0.41	0.14	0.04
14:31:11	0.29	0.10	0.02
14:31:21	0.18	0.07	0.01
<b>Cal Bias</b>			
14:31:31	0.11	0.06	0.00
14:31:41	0.08	0.05	0.00
14:31:51	0.06	0.04	-0.01
14:32:01	0.05	0.04	-0.01
14:32:11	0.05	0.04	-0.01
<b>N2 Zero</b>	<b>0.05</b>	<b>0.04</b>	<b>-0.01</b>
14:32:21	3.00	1.41	0.22
14:32:31	8.85	8.81	0.03
14:32:41	9.65	9.49	-0.03
14:32:51	9.67	9.56	-0.03
14:33:01	9.71	9.61	-0.04
14:33:11	9.78	9.67	-0.04
14:33:21	9.84	9.74	-0.06
14:33:31	9.89	9.80	-0.05
14:33:41	9.92	9.83	-0.05
14:33:51	9.94	9.86	-0.05
14:34:01	9.96	9.87	-0.05
14:34:11	9.96	9.88	-0.05
<b>10.1/10.0 O2/CO2</b>	<b>9.95</b>	<b>9.87</b>	<b>-0.05</b>

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:34:21	10.08	9.30	0.24
14:34:31	13.50	4.22	0.31
14:34:41	13.70	4.10	0.26
14:34:51	13.71	4.08	0.22
14:35:01	13.71	4.06	0.22
14:35:11	13.72	4.02	0.20
14:35:21	13.80	3.96	0.19
14:35:31	13.96	3.85	0.18
14:35:41	14.12	3.74	0.18
14:35:51	14.25	3.67	0.17
14:36:01	14.34	3.61	0.17
14:36:11	14.40	3.58	0.16
14:36:21	14.45	3.55	0.16
14:36:31	14.47	3.53	0.16
14:36:41	14.51	3.51	0.15
14:36:51	14.51	3.51	0.15
14:37:01	14.51	3.51	0.14
14:37:11	14.52	3.51	0.16
14:37:21	14.52	3.50	0.15
14:37:31	14.55	3.49	0.15
14:37:41	14.56	3.48	0.15
14:37:51	14.58	3.47	0.14
14:38:01	14.58	3.46	0.14
14:38:11	14.57	3.48	0.14
14:38:21	14.57	3.48	0.15
14:38:31	14.55	3.48	0.14
14:38:41	14.55	3.48	0.14
14:38:51	14.56	3.48	0.15
14:39:01	14.56	3.48	0.15
14:39:11	14.56	3.49	0.14
14:39:21	14.56	3.48	0.14
14:39:31	14.57	3.48	0.14
14:39:41	14.56	3.48	0.15
14:39:51	14.55	3.49	0.14
14:40:01	14.53	3.50	0.15
14:40:11	14.53	3.50	0.15
14:40:21	14.52	3.51	0.15
14:40:31	14.52	3.51	0.15
14:40:41	14.52	3.51	0.14
14:40:51	14.52	3.51	0.13
14:41:01	14.52	3.51	0.14
14:41:11	14.53	3.51	0.15
14:41:21	14.54	3.51	0.17
14:41:31	14.53	3.51	0.15
14:41:41	14.51	3.52	0.15
14:41:51	14.51	3.52	0.15
14:42:01	14.51	3.52	0.17
14:42:11	14.51	3.52	0.17
14:42:21	14.51	3.52	0.16
14:42:31	14.51	3.52	0.16
14:42:41	14.52	3.51	0.15
14:42:51	14.53	3.51	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:43:01	14.53	3.50	0.17
14:43:11	14.53	3.51	0.17
14:43:21	14.53	3.51	0.17
14:43:31	14.53	3.51	0.15
14:43:41	14.54	3.51	0.15
14:43:51	14.54	3.50	0.14
14:44:01	14.53	3.51	0.14
14:44:11	14.53	3.51	0.14
14:44:21	14.53	3.51	0.14
14:44:31	14.51	3.52	0.14
14:44:41	14.50	3.53	0.14
14:44:51	14.50	3.53	0.15
14:45:01	14.50	3.52	0.15
14:45:11	14.52	3.51	0.15
14:45:21	14.53	3.51	0.15
14:45:31	14.54	3.50	0.16
14:45:41	14.55	3.50	0.16
14:45:51	14.55	3.50	0.17
14:46:01	14.55	3.49	0.17
14:46:11	14.55	3.49	0.17
14:46:21	14.55	3.49	0.17
14:46:31	14.56	3.49	0.16
14:46:41	14.56	3.49	0.17
14:46:51	14.57	3.48	0.17
14:47:01	14.55	3.49	0.17
14:47:11	14.53	3.50	0.16
14:47:21	14.52	3.50	0.16
14:47:31	14.51	3.51	0.17
14:47:41	14.49	3.52	0.17
14:47:51	14.47	3.53	0.17
14:48:01	14.46	3.53	0.17
14:48:11	14.44	3.55	0.17
14:48:21	14.41	3.57	0.18
14:48:31	14.38	3.58	0.17
14:48:41	14.36	3.60	0.17
14:48:51	14.34	3.60	0.17
14:49:01	14.32	3.61	0.17
14:49:11	14.31	3.62	0.17
14:49:21	14.29	3.62	0.18
14:49:31	14.31	3.61	0.18
14:49:41	14.30	3.62	0.17
14:49:51	14.27	3.63	0.17
14:50:01	14.26	3.63	0.18
14:50:11	14.26	3.63	0.17
14:50:21	14.26	3.63	0.17
14:50:31	14.26	3.63	0.18
14:50:41	14.25	3.65	0.17
14:50:51	14.26	3.65	0.18
14:51:01	14.27	3.65	0.17
14:51:11	14.26	3.65	0.17
14:51:21	14.28	3.64	0.17
14:51:31	14.28	3.64	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:51:41	14.28	3.64	0.17
14:51:51	14.27	3.64	0.17
14:52:01	14.27	3.64	0.17
14:52:11	14.27	3.64	0.17
14:52:21	14.27	3.64	0.17
14:52:31	14.28	3.63	0.17
14:52:41	14.28	3.63	0.18
14:52:51	14.29	3.63	0.18
14:53:01	14.29	3.62	0.18
14:53:11	14.28	3.63	0.17
14:53:21	14.27	3.64	0.17
14:53:31	14.27	3.65	0.17
14:53:41	14.28	3.65	0.17
14:53:51	14.26	3.66	0.18
14:54:01	14.25	3.66	0.17
14:54:11	14.27	3.65	0.17
14:54:21	14.28	3.64	0.17
14:54:31	14.29	3.63	0.17
14:54:41	14.29	3.64	0.17
14:54:51	14.29	3.64	0.17
14:55:01	14.29	3.63	0.17
14:55:11	14.28	3.63	0.16
14:55:21	14.29	3.63	0.16
14:55:31	14.29	3.63	0.16
14:55:41	14.30	3.63	0.16
14:55:51	14.31	3.62	0.16
14:56:01	14.30	3.62	0.16
14:56:11	14.32	3.62	0.14
14:56:21	14.31	3.62	0.16
14:56:31	14.32	3.61	0.17
14:56:41	14.33	3.61	0.16
14:56:51	14.33	3.61	0.17
14:57:01	14.34	3.60	0.16
14:57:11	14.34	3.60	0.16
14:57:21	14.34	3.61	0.15
14:57:31	14.33	3.61	0.16
14:57:41	14.34	3.61	0.16
14:57:51	14.36	3.60	0.17
14:58:01	14.37	3.59	0.17
14:58:11	14.38	3.57	0.17
14:58:21	14.38	3.57	0.17
14:58:31	14.37	3.57	0.17
14:58:41	14.37	3.57	0.17
14:58:51	14.38	3.57	0.15
14:59:01	14.38	3.56	0.15
14:59:11	14.38	3.57	0.17
14:59:21	14.40	3.56	0.17
14:59:31	14.40	3.56	0.17
14:59:41	14.39	3.56	0.16
14:59:51	14.38	3.57	0.16
15:00:01	14.39	3.56	0.17
15:00:11	14.38	3.57	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:00:21	14.40	3.56	0.17
15:00:31	14.44	3.53	0.17
15:00:41	14.48	3.50	0.16
15:00:51	14.52	3.48	0.16
15:01:01	14.56	3.46	0.17
15:01:11	14.61	3.43	0.17
15:01:21	14.70	3.38	0.16
15:01:31	14.81	3.31	0.14
15:01:41	14.93	3.24	0.15
15:01:51	15.05	3.17	0.17
15:02:01	15.15	3.11	0.18
15:02:11	15.21	3.08	0.18
15:02:21	15.23	3.08	0.18
15:02:31	15.20	3.09	0.17
15:02:41	15.16	3.12	0.17
15:02:51	15.12	3.15	0.17
15:03:01	15.07	3.18	0.18
15:03:11	15.02	3.20	0.19
15:03:21	14.98	3.23	0.17
15:03:31	14.92	3.26	0.17
15:03:41	14.88	3.28	0.17
15:03:51	14.84	3.30	0.17
15:04:01	14.83	3.31	0.18
15:04:11	14.82	3.31	0.17
15:04:21	14.81	3.31	0.17
15:04:31	14.81	3.32	0.16
15:04:41	14.82	3.31	0.18
15:04:51	14.81	3.32	0.17
15:05:01	14.82	3.31	0.17
15:05:11	14.82	3.31	0.17
15:05:21	14.84	3.30	0.17
15:05:31	14.84	3.31	0.17
15:05:41	14.83	3.31	0.17
15:05:51	14.84	3.31	0.17
15:06:01	14.84	3.30	0.17
15:06:11	14.85	3.30	0.17
15:06:21	14.84	3.31	0.15
15:06:31	14.85	3.30	0.16
15:06:41	14.85	3.30	0.17
15:06:51	14.86	3.29	0.16
15:07:01	14.86	3.30	0.15
15:07:11	14.87	3.29	0.15
15:07:21	14.89	3.28	0.17
15:07:31	14.89	3.28	0.17
15:07:41	14.89	3.28	0.17
15:07:51	14.88	3.28	0.17
15:08:01	14.90	3.27	0.17
15:08:11	14.90	3.27	0.17
15:08:21	14.91	3.26	0.17
15:08:31	14.92	3.26	0.17
15:08:41	14.92	3.25	0.17
15:08:51	14.92	3.25	0.17



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
15:09:01	14.91	3.26	0.17
15:09:11	14.91	3.25	0.17
15:09:21	14.91	3.25	0.17
15:09:31	14.92	3.23	0.18
15:09:41	14.88	3.35	0.23
15:09:51	1.33	0.33	0.04
<b>Cal Bias THC</b>			
15:10:01	0.47	0.19	0.00
15:10:11	0.41	0.15	-0.02
15:10:21	0.39	0.13	-0.02
15:10:31	0.34	0.12	-0.04
15:10:41	0.28	0.10	-0.05
15:10:51	0.22	0.08	-0.04
15:11:01	0.16	0.07	-0.04
15:11:11	0.12	0.05	-0.04
15:11:21	0.09	0.04	-0.06
<b>N2 Zero</b>			
15:11:31	<b>0.13</b>	<b>0.06</b>	<b>-0.05</b>
15:11:41	0.07	0.04	-0.06
15:11:51	0.10	0.06	0.14
15:11:51	13.68	3.03	0.84
15:12:01	16.51	0.13	19.11
15:12:11	19.96	0.06	24.23
15:12:21	20.05	0.04	24.50
15:12:31	20.09	0.04	24.58
15:12:41	20.14	0.04	24.60
15:12:51	20.20	0.04	24.61
15:13:01	20.27	0.04	24.62
15:13:11	20.33	0.04	24.63
15:13:21	20.38	0.04	24.64
15:13:31	20.42	0.04	24.65
<b>24.7 propane</b>			
15:13:41	<b>20.38</b>	<b>0.04</b>	<b>24.64</b>
15:13:41	20.44	0.03	20.58
15:13:51	16.55	2.19	10.32
15:14:01	20.32	0.07	14.56
15:14:11	20.40	0.04	14.81
15:14:21	20.42	0.04	14.85
15:14:31	20.43	0.03	14.89
15:14:41	20.43	0.04	14.90
15:14:51	20.43	0.04	14.91
15:15:01	20.43	0.04	14.92
15:15:11	20.43	0.03	14.92
15:15:21	20.44	0.03	14.92
<b>14.8 propane</b>			
15:15:31	<b>20.43</b>	<b>0.03</b>	<b>14.92</b>
15:15:31	20.43	0.03	13.92
15:15:41	16.55	2.86	4.48
15:15:51	20.21	0.11	7.94
15:16:01	20.50	0.06	8.34
15:16:11	20.51	0.04	8.39
15:16:21	20.51	0.04	8.39
15:16:31	20.51	0.04	8.41
15:16:41	20.51	0.04	8.42
15:16:51	20.51	0.04	8.42

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:17:01	20.51	0.04	8.42
<b>8.43 propane</b>	<b>20.51</b>	<b>0.04</b>	<b>8.42</b>
15:17:11	20.51	0.03	8.20
15:17:21	17.94	2.51	1.72
15:17:31	15.19	3.09	0.31
15:17:41	15.07	3.15	0.24
15:17:51	15.05	3.16	0.22
15:18:01	15.05	3.17	0.20
15:18:11	15.05	3.18	0.20
15:18:21	15.04	3.19	0.18
15:18:31	15.03	3.20	0.18
15:18:41	15.01	3.20	0.17
15:18:51	14.98	3.22	0.17
15:19:01	14.97	3.22	0.17
15:19:11	14.97	3.23	0.16
15:19:21	14.96	3.23	0.17
15:19:31	14.97	3.22	0.17
15:19:41	14.95	3.23	0.16
15:19:51	14.94	3.24	0.17
15:20:01	14.92	3.24	0.17
15:20:11	14.92	3.24	0.15
15:20:21	14.91	3.25	0.15
15:20:31	14.91	3.26	0.17
15:20:41	14.92	3.26	0.17
15:20:51	14.94	3.25	0.17
15:21:01	14.94	3.25	0.17
15:21:11	14.94	3.25	0.17
15:21:21	14.92	3.25	0.17
15:21:31	14.93	3.25	0.17
15:21:41	14.95	3.24	0.17
15:21:51	14.95	3.23	0.14
15:22:01	14.94	3.24	0.14
15:22:11	14.95	3.23	0.14
15:22:21	15.00	3.20	0.14
15:22:31	15.02	3.20	0.16
15:22:41	14.95	3.29	0.16
15:22:51	14.77	3.45	0.15
15:23:01	14.57	3.63	0.15
15:23:11	14.40	3.80	0.15
15:23:21	14.25	3.94	0.15
15:23:31	14.11	4.08	0.15
15:23:41	14.01	4.18	0.16
15:23:51	13.92	4.28	0.16
15:24:01	13.86	4.35	0.15
15:24:11	13.84	4.39	0.17
15:24:21	13.86	4.41	0.17
15:24:31	13.96	4.38	0.17
15:24:41	14.11	4.33	0.17
15:24:51	14.27	4.26	0.17
15:25:01	14.38	4.23	0.17
15:25:11	14.46	4.20	0.17
15:25:21	14.49	4.21	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:25:31	14.49	4.23	0.17
15:25:41	14.49	4.24	0.17
15:25:51	14.46	4.26	0.16
15:26:01	14.41	4.30	0.16
15:26:11	14.35	4.34	0.16
15:26:21	14.26	4.39	0.16
15:26:31	14.17	4.44	0.15
15:26:41	14.11	4.49	0.16
15:26:51	14.00	4.55	0.17
15:27:01	13.87	4.64	0.17
15:27:11	13.65	4.77	0.17
15:27:21	13.43	4.89	0.17
15:27:31	13.21	5.01	0.17
15:27:41	13.00	5.11	0.16
15:27:51	12.86	5.19	0.17
15:28:01	12.72	5.26	0.17
15:28:11	12.63	5.31	0.16
15:28:21	12.55	5.35	0.16
15:28:31	12.49	5.38	0.16
15:28:41	12.47	5.39	0.16
15:28:51	12.42	5.41	0.16
15:29:01	12.41	5.42	0.16
15:29:11	12.39	5.43	0.15
15:29:21	12.38	5.43	0.15
15:29:31	12.38	5.44	0.17
15:29:41	12.37	5.44	0.16
15:29:51	12.35	5.46	0.16
15:30:01	12.32	5.47	0.16
15:30:11	12.29	5.48	0.16
15:30:21	12.28	5.49	0.16
15:30:31	12.25	5.51	0.17
15:30:41	12.22	5.55	0.17
15:30:51	12.19	5.57	0.17
15:31:01	12.16	5.61	0.17
15:31:11	12.13	5.63	0.15
15:31:21	12.11	5.64	0.16
15:31:31	12.08	5.67	0.15
15:31:41	12.07	5.69	0.15
15:31:51	12.06	5.69	0.17
15:32:01	12.05	5.71	0.17
15:32:11	12.03	5.72	0.17
15:32:21	12.03	5.73	0.17
15:32:31	12.01	5.75	0.17
15:32:41	11.98	5.76	0.17
15:32:51	12.01	5.75	0.17
15:33:01	11.98	5.76	0.17
15:33:11	11.96	5.78	0.17
15:33:21	11.95	5.78	0.17
15:33:31	11.95	5.78	0.17
15:33:41	11.94	5.80	0.16
15:33:51	11.90	5.82	0.16
15:34:01	11.84	5.87	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:34:11	11.82	5.88	0.17
15:34:21	11.79	5.92	0.17
15:34:31	11.76	5.93	0.17
15:34:41	11.73	5.95	0.16
15:34:51	11.69	5.98	0.16
15:35:01	11.61	6.05	0.16
15:35:11	11.57	6.07	0.16
15:35:21	11.53	6.11	0.17
15:35:31	11.49	6.14	0.16
15:35:41	11.43	6.17	0.16
15:35:51	11.38	6.21	0.16
15:36:01	11.36	6.22	0.14
15:36:11	11.29	6.27	0.14
15:36:21	11.25	6.29	0.15
15:36:31	11.23	6.31	0.15
15:36:41	11.20	6.33	0.15
15:36:51	11.16	6.36	0.15
15:37:01	11.11	6.40	0.15
15:37:11	11.05	6.44	0.15
15:37:21	11.03	6.45	0.15
15:37:31	10.98	6.48	0.16
15:37:41	10.92	6.53	0.16
15:37:51	10.86	6.55	0.16
15:38:01	10.83	6.58	0.17
15:38:11	10.79	6.61	0.17
15:38:21	10.75	6.63	0.16
15:38:31	10.69	6.67	0.15
15:38:41	10.66	6.68	0.15
15:38:51	10.63	6.71	0.17
15:39:01	10.58	6.74	0.17
15:39:11	10.54	6.77	0.17
15:39:21	10.49	6.79	0.17
15:39:31	10.53	6.76	0.17
15:39:41	10.49	6.79	0.17
15:39:51	10.46	6.81	0.17
15:40:01	10.43	6.82	0.18
15:40:11	10.42	6.82	0.17
15:40:21	10.46	6.80	0.16
15:40:31	10.55	6.73	0.16
15:40:41	10.73	6.62	0.16
15:40:51	10.93	6.50	0.15
15:41:01	11.12	6.38	0.15
15:41:11	11.26	6.31	0.15
15:41:21	11.40	6.22	0.14
15:41:31	11.51	6.15	0.14
15:41:41	11.59	6.10	0.14
15:41:51	11.65	6.07	0.15
15:42:01	11.69	6.04	0.14
15:42:11	11.72	6.02	0.14
15:42:21	11.74	6.00	0.14
15:42:31	11.77	5.97	0.14
15:42:41	11.78	5.98	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:42:51	11.77	5.98	0.14
15:43:01	11.77	5.99	0.14
15:43:11	11.79	5.97	0.13
15:43:21	11.77	5.98	0.14
15:43:31	11.78	5.97	0.14
15:43:41	11.78	5.97	0.14
15:43:51	11.79	5.96	0.14
15:44:01	11.80	5.95	0.14
15:44:11	11.82	5.94	0.13
15:44:21	11.81	5.95	0.14
15:44:31	11.82	5.94	0.14
15:44:41	11.82	5.93	0.15
15:44:51	11.83	5.93	0.15
15:45:01	11.83	5.93	0.16
15:45:11	11.81	5.95	0.15
15:45:21	11.82	5.94	0.15
15:45:31	11.82	5.94	0.14
15:45:41	11.81	5.95	0.15
15:45:51	11.81	5.95	0.15
15:46:01	11.81	5.94	0.15
15:46:11	11.83	5.94	0.15
15:46:21	11.80	5.95	0.15
15:46:31	11.79	5.97	0.14
15:46:41	11.75	5.99	0.14
15:46:51	11.72	6.01	0.14
15:47:01	11.78	5.96	0.15
15:47:11	11.86	5.90	0.16
15:47:21	12.00	5.78	0.16
15:47:31	12.14	5.69	0.15
15:47:41	12.16	5.70	0.14
15:47:51	12.05	5.81	0.14
15:48:01	11.93	5.93	0.15
15:48:11	11.76	6.05	0.14
15:48:21	11.64	6.14	0.14
15:48:31	11.64	6.12	0.14
15:48:41	11.69	6.08	0.16
15:48:51	11.81	5.97	0.17
15:49:01	11.96	5.88	0.16
15:49:11	11.98	5.88	0.16
15:49:21	11.92	5.95	0.15
15:49:31	11.81	6.05	0.15
15:49:41	11.73	6.11	0.16
15:49:51	11.64	6.19	0.15
15:50:01	11.66	6.14	0.15
15:50:11	11.72	6.09	0.15
15:50:21	11.87	5.97	0.16
15:50:31	11.97	5.89	0.17
15:50:41	11.95	5.94	0.16
15:50:51	11.86	6.02	0.15
15:51:01	11.74	6.10	0.15
15:51:11	11.62	6.17	0.15
15:51:21	11.56	6.21	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:51:31	11.54	6.21	0.14
15:51:41	11.61	6.15	0.14
15:51:51	11.74	6.03	0.15
15:52:01	11.88	5.95	0.15
15:52:11	11.87	5.99	0.16
15:52:21	11.78	6.08	0.16
15:52:31	11.65	6.20	0.15
15:52:41	11.52	6.28	0.15
15:52:51	11.47	6.32	0.15
15:53:01	11.48	6.30	0.16
15:53:11	11.55	6.23	0.16
15:53:21	11.70	6.11	0.16
15:53:31	11.84	6.00	0.17
15:53:41	11.85	6.04	0.16
15:53:51	11.77	6.10	0.14
15:54:01	11.65	6.21	0.14
15:54:11	11.58	6.25	0.14
15:54:21	11.52	6.29	0.14
15:54:31	11.55	6.25	0.14
15:54:41	11.64	6.18	0.14
15:54:51	11.79	6.04	0.14
15:55:01	11.88	5.99	0.14
15:55:11	11.86	6.02	0.14
15:55:21	11.78	6.09	0.14
15:55:31	11.64	6.21	0.14
15:55:41	11.53	6.28	0.14
15:55:51	11.47	6.32	0.13
15:56:01	11.50	6.27	0.14
15:56:11	11.58	6.20	0.15
15:56:21	11.72	6.08	0.16
15:56:31	11.86	5.98	0.14
15:56:41	11.84	6.03	0.14
15:56:51	11.74	6.12	0.14
15:57:01	11.59	6.26	0.14
15:57:11	11.45	6.35	0.14
15:57:21	11.41	6.35	0.14
15:57:31	11.48	6.28	0.13
15:57:41	11.63	6.16	0.14
15:57:51	11.83	6.02	0.14
15:58:01	11.94	5.95	0.15
15:58:11	11.93	5.99	0.15
15:58:21	11.86	6.05	0.14
15:58:31	11.77	6.14	0.14
15:58:41	11.69	6.19	0.14
15:58:51	11.66	6.21	0.14
15:59:01	11.74	6.14	0.14
15:59:11	11.84	6.05	0.14
15:59:21	12.01	5.94	0.14
15:59:31	12.11	5.87	0.14
15:59:41	12.05	5.94	0.14
15:59:51	11.96	6.02	0.14
16:00:01	11.81	6.13	0.15

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
16:00:11	11.74	6.17	0.13
16:00:21	11.69	6.20	0.12
16:00:31	11.72	6.17	0.14
16:00:41	11.81	6.08	0.13
16:00:51	11.93	6.00	0.13
16:01:01	11.97	5.98	0.14
16:01:11	11.93	6.03	0.14
16:01:21	11.93	6.02	0.14
16:01:31	12.02	5.97	0.14
16:01:41	12.13	5.90	0.14
16:01:51	12.22	5.86	0.14
16:02:01	12.31	5.78	0.14
16:02:11	12.35	5.75	0.14
16:02:21	12.38	5.72	0.14
16:02:31	12.31	5.81	0.14
16:02:41	12.16	5.90	0.15
<b>25A Drift Check</b>			
16:02:51	13.54	2.68	1.05
16:03:01	0.66	0.26	0.06
16:03:11	0.22	0.17	0.03
16:03:21	0.18	0.13	0.02
16:03:31	0.16	0.12	0.01
16:03:41	0.13	0.10	0.00
16:03:51	0.11	0.09	0.00
16:04:01	0.09	0.08	-0.01
16:04:11	0.09	0.06	-0.02
<b>N2 Zero</b>	<b>0.09</b>	<b>0.08</b>	<b>-0.01</b>
16:04:21	0.08	0.06	0.02
16:04:31	8.47	3.99	3.77
16:04:41	19.35	0.11	13.52
16:04:51	20.07	0.07	14.62
16:05:01	20.15	0.06	14.76
16:05:11	20.21	0.05	14.82
16:05:21	20.24	0.05	14.85
16:05:31	20.27	0.04	14.87
16:05:41	20.29	0.04	14.88
16:05:51	20.31	0.04	14.88
16:06:01	20.32	0.04	14.88
16:06:11	20.34	0.04	14.90
<b>14.8 propane</b>	<b>20.32</b>	<b>0.04</b>	<b>14.89</b>
16:06:21	20.33	0.04	11.59
16:06:31	13.14	5.94	0.95
16:06:41	11.56	6.24	0.32
16:06:51	11.41	6.36	0.26
16:07:01	11.31	6.46	0.24
16:07:11	11.15	6.60	0.21
16:07:21	11.01	6.70	0.19
16:07:31	10.92	6.77	0.18
16:07:41	10.91	6.76	0.18
16:07:51	10.99	6.69	0.17
16:08:01	11.14	6.57	0.17
16:08:11	11.26	6.49	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:08:21	11.27	6.50	0.14
16:08:31	11.21	6.56	0.15
16:08:41	11.09	6.67	0.16
16:08:51	10.98	6.74	0.16
16:09:01	10.91	6.78	0.15
16:09:11	10.93	6.76	0.15
16:09:21	11.00	6.68	0.15
16:09:31	11.19	6.55	0.17
16:09:41	11.29	6.49	0.17
16:09:51	11.30	6.50	0.18
16:10:01	11.27	6.53	0.17
16:10:11	11.13	6.65	0.17
16:10:21	11.08	6.68	0.17
16:10:31	11.08	6.67	0.17
16:10:41	11.22	6.56	0.15
16:10:51	11.50	6.34	0.14
16:11:01	11.81	6.11	0.13
16:11:11	12.10	5.94	0.12
16:11:21	12.20	5.89	0.12
16:11:31	12.22	5.89	0.13
16:11:41	12.06	6.03	0.13
16:11:51	11.84	6.19	0.13
16:12:01	11.64	6.32	0.13
16:12:11	11.53	6.37	0.13
16:12:21	11.52	6.34	0.14
16:12:31	11.57	6.29	0.14
16:12:41	11.56	6.31	0.15
16:12:51	11.45	6.40	0.14
16:13:01	11.32	6.50	0.15
16:13:11	11.17	6.61	0.13
16:13:21	11.05	6.69	0.14
16:13:31	10.99	6.71	0.14
16:13:41	11.04	6.66	0.14
16:13:51	11.17	6.55	0.14
16:14:01	11.31	6.45	0.15
16:14:11	11.35	6.44	0.15
16:14:21	11.31	6.48	0.15
16:14:31	11.26	6.52	0.16
16:14:41	11.18	6.57	0.16
16:14:51	11.11	6.63	0.15
<b>Start Run 1B</b>			
16:15:01	11.06	6.66	0.15
16:15:11	10.98	6.71	0.15
16:15:21	10.92	6.75	0.14
16:15:31	10.90	6.76	0.15
16:15:41	10.94	6.72	0.16
16:15:51	11.08	6.60	0.16
16:16:01	11.24	6.49	0.16
16:16:11	11.31	6.46	0.16
16:16:21	11.29	6.49	0.16
16:16:31	11.25	6.53	0.16
16:16:41	11.19	6.57	0.16



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:16:51	11.14	6.61	0.15
16:17:01	11.09	6.64	0.16
16:17:11	11.04	6.66	0.16
16:17:21	10.98	6.72	0.15
16:17:31	10.94	6.74	0.14
16:17:41	10.92	6.75	0.15
16:17:51	10.99	6.69	0.15
16:18:01	11.11	6.58	0.16
16:18:11	11.27	6.46	0.17
16:18:21	11.36	6.42	0.17
16:18:31	11.32	6.47	0.17
16:18:41	11.26	6.53	0.17
16:18:51	11.13	6.62	0.17
16:19:01	11.07	6.66	0.16
16:19:11	11.04	6.66	0.15
16:19:21	11.12	6.58	0.14
16:19:31	11.26	6.45	0.15
16:19:41	11.41	6.33	0.16
16:19:51	11.47	6.31	0.16
16:20:01	11.42	6.36	0.15
16:20:11	11.32	6.45	0.15
16:20:21	11.19	6.55	0.15
16:20:31	11.11	6.60	0.15
16:20:41	11.06	6.63	0.14
16:20:51	11.10	6.58	0.14
16:21:01	11.22	6.48	0.14
16:21:11	11.36	6.38	0.15
16:21:21	11.40	6.38	0.14
16:21:31	11.34	6.44	0.15
16:21:41	11.26	6.51	0.16
16:21:51	11.13	6.59	0.14
16:22:01	11.04	6.66	0.14
16:22:11	11.00	6.66	0.13
16:22:21	11.08	6.58	0.15
16:22:31	11.20	6.48	0.16
16:22:41	11.35	6.39	0.16
16:22:51	11.36	6.41	0.17
16:23:01	11.29	6.46	0.16
16:23:11	11.17	6.56	0.16
16:23:21	11.07	6.62	0.15
16:23:31	10.99	6.68	0.15
16:23:41	10.99	6.67	0.15
16:23:51	11.07	6.59	0.15
16:24:01	11.22	6.48	0.17
16:24:11	11.36	6.40	0.17
16:24:21	11.37	6.42	0.16
16:24:31	11.31	6.47	0.16
16:24:41	11.19	6.57	0.16
16:24:51	11.11	6.62	0.16
16:25:01	11.05	6.66	0.15
16:25:11	11.08	6.61	0.15
16:25:21	11.17	6.54	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:25:31	11.33	6.40	0.14
16:25:41	11.45	6.33	0.15
16:25:51	11.46	6.33	0.14
16:26:01	11.41	6.37	0.14
16:26:11	11.37	6.40	0.14
16:26:21	10.91	6.76	0.13
16:26:31	10.76	6.85	0.13
16:26:41	10.72	6.88	0.12
16:26:51	10.74	6.87	0.13
16:27:01	10.74	6.88	0.12
16:27:11	10.71	6.91	0.14
16:27:21	10.67	6.95	0.14
16:27:31	10.59	7.01	0.14
16:27:41	10.56	7.05	0.15
16:27:51	12.44	5.37	0.22
16:28:01	12.58	5.64	0.21
16:28:11	11.93	6.08	0.19
16:28:21	11.60	6.37	0.17
16:28:31	11.54	6.42	0.16
16:28:41	11.69	6.33	0.15
16:28:51	11.85	6.24	0.15
16:29:01	11.99	6.17	0.15
16:29:11	12.13	6.06	0.14
16:29:21	12.27	5.93	0.16
16:29:31	12.47	5.78	0.14
16:29:41	12.64	5.66	0.16
16:29:51	12.73	5.35	0.20
16:30:01	13.30	5.12	0.19
16:30:11	13.27	5.21	0.17
16:30:21	13.13	5.39	0.16
16:30:31	12.95	5.50	0.15
16:30:41	12.94	5.49	0.15
16:30:51	12.99	5.46	0.15
16:31:01	13.07	5.40	0.15
16:31:11	13.25	5.27	0.15
16:31:21	13.34	5.21	0.16
16:31:31	13.34	5.23	0.15
16:31:41	13.19	5.30	0.17
16:31:51	13.14	5.25	0.17
16:32:01	13.09	5.34	0.16
16:32:11	13.00	5.44	0.14
16:32:21	12.97	5.46	0.15
16:32:31	12.98	5.45	0.16
16:32:41	13.04	5.41	0.15
16:32:51	13.10	5.36	0.15
16:33:01	13.11	5.33	0.15
16:33:11	13.00	5.39	0.15
16:33:21	12.77	5.52	0.15
16:33:31	12.50	5.71	0.14
16:33:41	12.22	5.88	0.15
16:33:51	12.04	5.98	0.13
16:34:01	12.02	5.96	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:34:11	12.04	5.93	0.13
16:34:21	12.16	5.81	0.13
16:34:31	12.21	5.78	0.14
16:34:41	12.15	5.85	0.14
16:34:51	12.01	5.97	0.13
16:35:01	11.86	6.07	0.11
16:35:11	11.74	6.14	0.12
16:35:21	11.71	6.16	0.13
16:35:31	11.75	6.11	0.14
16:35:41	11.85	6.03	0.13
16:35:51	11.93	5.98	0.14
16:36:01	11.88	6.02	0.14
16:36:11	11.76	6.12	0.13
16:36:21	11.63	6.22	0.13
16:36:31	11.51	6.30	0.12
16:36:41	11.45	6.33	0.13
16:36:51	11.50	6.28	0.14
16:37:01	11.58	6.21	0.14
16:37:11	11.74	6.09	0.16
16:37:21	11.82	6.03	0.16
16:37:31	11.79	6.07	0.16
16:37:41	11.69	6.17	0.15
16:37:51	11.56	6.29	0.14
16:38:01	11.44	6.40	0.14
16:38:11	11.40	6.42	0.15
16:38:21	11.45	6.39	0.15
16:38:31	11.56	6.26	0.15
16:38:41	11.73	6.13	0.14
16:38:51	11.77	6.11	0.14
16:39:01	11.70	6.17	0.15
16:39:11	11.60	6.25	0.15
16:39:21	11.49	6.31	0.14
16:39:31	11.43	6.35	0.14
16:39:41	11.40	6.36	0.14
16:39:51	11.44	6.31	0.14
16:40:01	11.57	6.18	0.13
16:40:11	11.71	6.09	0.13
16:40:21	11.73	6.07	0.14
16:40:31	11.70	6.12	0.14
16:40:41	11.57	6.21	0.11
16:40:51	11.49	6.27	0.11
16:41:01	11.48	6.26	0.14
16:41:11	11.50	6.25	0.13
16:41:21	11.61	6.15	0.12
16:41:31	11.77	6.04	0.13
16:41:41	11.86	5.99	0.13
16:41:51	11.82	6.06	0.14
16:42:01	11.67	6.17	0.13
16:42:11	11.56	6.26	0.13
16:42:21	11.49	6.28	0.13
16:42:31	11.52	6.26	0.12
16:42:41	11.61	6.16	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:42:51	11.75	6.05	0.13
16:43:01	11.80	6.03	0.13
16:43:11	11.75	6.07	0.13
16:43:21	11.65	6.17	0.13
16:43:31	11.49	6.27	0.14
16:43:41	11.43	6.32	0.13
16:43:51	11.40	6.31	0.13
16:44:01	11.47	6.26	0.15
16:44:11	11.59	6.14	0.15
16:44:21	11.73	6.05	0.16
16:44:31	11.76	6.04	0.14
16:44:41	11.70	6.09	0.14
16:44:51	11.59	6.19	0.14
16:45:01	11.45	6.29	0.13
16:45:11	11.34	6.36	0.14
16:45:21	11.38	6.32	0.14
16:45:31	11.44	6.27	0.14
16:45:41	11.60	6.13	0.14
16:45:51	11.74	6.04	0.15
16:46:01	11.82	5.99	0.15
16:46:11	11.79	6.00	0.16
16:46:21	11.77	6.02	0.17
16:46:31	11.73	6.06	0.17
16:46:41	11.70	6.07	0.15
16:46:51	11.70	6.07	0.15
16:47:01	11.70	6.06	0.14
16:47:11	11.68	6.08	0.14
16:47:21	11.66	6.09	0.14
16:47:31	11.60	6.13	0.13
16:47:41	11.58	6.14	0.13
16:47:51	11.57	6.13	0.12
16:48:01	11.67	6.04	0.12
16:48:11	11.80	5.93	0.13
16:48:21	11.96	5.80	0.14
16:48:31	12.04	5.76	0.14
16:48:41	12.00	5.81	0.14
16:48:51	11.92	5.89	0.14
16:49:01	11.80	5.97	0.14
16:49:11	11.71	6.03	0.13
16:49:21	11.67	6.04	0.12
16:49:31	11.76	5.97	0.13
16:49:41	11.88	5.86	0.13
16:49:51	12.01	5.78	0.13
16:50:01	12.05	5.77	0.14
16:50:11	12.01	5.80	0.14
16:50:21	11.94	5.86	0.13
16:50:31	11.85	5.93	0.13
16:50:41	11.82	5.96	0.13
16:50:51	11.82	5.95	0.13
16:51:01	11.86	5.90	0.14
16:51:11	12.01	5.78	0.14
16:51:21	12.13	5.68	0.15

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:51:31	12.17	5.66	0.15
16:51:41	12.10	5.72	0.14
16:51:51	11.97	5.83	0.13
16:52:01	11.86	5.90	0.13
16:52:11	11.79	5.95	0.14
16:52:21	11.82	5.90	0.13
16:52:31	11.90	5.83	0.13
16:52:41	12.03	5.72	0.14
16:52:51	12.13	5.65	0.13
16:53:01	12.12	5.68	0.14
16:53:11	12.05	5.74	0.14
16:53:21	11.92	5.85	0.14
16:53:31	11.83	5.92	0.13
16:53:41	11.76	5.96	0.13
16:53:51	11.79	5.92	0.12
16:54:01	11.85	5.87	0.13
16:54:11	12.00	5.74	0.14
16:54:21	12.14	5.65	0.14
16:54:31	12.12	5.68	0.14
16:54:41	12.06	5.74	0.14
16:54:51	11.91	5.86	0.14
16:55:01	11.82	5.92	0.14
16:55:11	11.76	5.95	0.14
16:55:21	11.80	5.91	0.14
16:55:31	11.86	5.85	0.13
16:55:41	12.02	5.72	0.14
16:55:51	12.08	5.66	0.14
16:56:01	12.06	5.67	0.14
16:56:11	11.99	5.74	0.14
16:56:21	11.87	5.84	0.13
16:56:31	11.76	5.91	0.13
16:56:41	11.68	5.97	0.13
16:56:51	11.72	5.93	0.13
16:57:01	11.81	5.85	0.14
16:57:11	11.98	5.72	0.14
16:57:21	12.03	5.70	0.14
16:57:31	11.98	5.75	0.14
16:57:41	11.91	5.82	0.14
16:57:51	11.78	5.91	0.14
16:58:01	11.71	5.97	0.14
16:58:11	11.68	5.98	0.14
16:58:21	11.72	5.94	0.13
16:58:31	11.83	5.83	0.14
16:58:41	11.98	5.72	0.13
16:58:51	12.01	5.72	0.13
16:59:01	11.95	5.78	0.14
16:59:11	11.86	5.86	0.14
16:59:21	11.73	5.95	0.14
16:59:31	11.68	5.99	0.14
16:59:41	11.64	6.01	0.14
16:59:51	11.69	5.97	0.12
17:00:01	11.81	5.87	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:00:11	11.95	5.76	0.13
17:00:21	12.00	5.75	0.14
17:00:31	11.98	5.77	0.14
17:00:41	11.87	5.86	0.13
17:00:51	11.78	5.92	0.12
17:01:01	11.72	5.97	0.12
17:01:11	11.76	5.94	0.13
17:01:21	11.83	5.87	0.13
17:01:31	12.03	5.72	0.14
17:01:41	12.16	5.62	0.13
17:01:51	12.21	5.59	0.14
17:02:01	12.17	5.64	0.13
17:02:11	12.05	5.73	0.13
17:02:21	11.92	5.83	0.12
17:02:31	11.81	5.90	0.12
17:02:41	11.75	5.95	0.12
17:02:51	11.73	5.96	0.12
17:03:01	11.77	5.93	0.13
17:03:11	11.89	5.84	0.13
17:03:21	11.99	5.78	0.14
17:03:31	11.97	5.83	0.14
17:03:41	11.87	5.91	0.14
17:03:51	11.71	6.04	0.14
17:04:01	11.58	6.13	0.14
17:04:11	11.47	6.21	0.14
17:04:21	11.47	6.19	0.14
17:04:31	11.53	6.15	0.14
17:04:41	11.65	6.05	0.14
17:04:51	11.76	5.97	0.14
17:05:01	11.76	5.98	0.14
17:05:11	11.69	6.04	0.14
17:05:21	11.54	6.16	0.14
17:05:31	11.47	6.20	0.14
17:05:41	11.41	6.22	0.13
17:05:51	11.44	6.20	0.12
17:06:01	11.48	6.15	0.13
17:06:11	11.59	6.07	0.14
17:06:21	11.63	6.04	0.14
17:06:31	11.54	6.11	0.14
17:06:41	11.41	6.21	0.13
17:06:51	11.23	6.33	0.14
17:07:01	11.10	6.43	0.14
17:07:11	10.97	6.50	0.13
17:07:21	11.00	6.47	0.13
17:07:31	11.06	6.41	0.13
17:07:41	11.21	6.31	0.13
17:07:51	11.27	6.30	0.12
17:08:01	11.23	6.35	0.11
17:08:11	11.15	6.41	0.12
17:08:21	11.01	6.52	0.13
17:08:31	10.95	6.57	0.14
17:08:41	10.90	6.60	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:08:51	10.94	6.57	0.13
17:09:01	11.04	6.49	0.13
17:09:11	11.16	6.40	0.13
17:09:21	11.16	6.43	0.14
17:09:31	11.07	6.49	0.14
17:09:41	10.90	6.64	0.14
17:09:51	10.67	6.79	0.13
17:10:01	10.47	6.93	0.13
17:10:11	10.35	6.99	0.13
17:10:21	10.36	6.96	0.13
17:10:31	10.50	6.83	0.13
17:10:41	10.59	6.78	0.14
17:10:51	10.55	6.83	0.14
17:11:01	10.47	6.90	0.13
17:11:11	10.31	7.04	0.13
17:11:21	10.18	7.12	0.13
17:11:31	10.13	7.16	0.13
17:11:41	10.16	7.13	0.13
17:11:51	10.24	7.06	0.13
17:12:01	10.43	6.92	0.13
17:12:11	10.56	6.84	0.13
17:12:21	10.57	6.86	0.14
17:12:31	10.50	6.91	0.15
17:12:41	10.38	6.98	0.14
17:12:51	10.28	7.05	0.13
17:13:01	10.22	7.12	0.14
17:13:11	10.25	7.06	0.14
17:13:21	10.36	6.97	0.14
17:13:31	10.58	6.80	0.15
17:13:41	10.78	6.69	0.17
17:13:51	10.86	6.65	0.17
17:14:01	10.90	6.63	0.15
17:14:11	10.88	6.65	0.15
17:14:21	10.83	6.68	0.15
17:14:31	10.73	6.76	0.15
17:14:41	10.63	6.82	0.15
17:14:51	10.53	6.89	0.16
17:15:01	10.52	6.87	0.14
17:15:11	10.55	6.84	0.13
17:15:21	10.66	6.75	0.14
17:15:31	10.76	6.69	0.14
17:15:41	10.73	6.73	0.15
17:15:51	10.67	6.77	0.15
17:16:01	10.55	6.87	0.15
17:16:11	10.45	6.94	0.15
17:16:21	10.32	7.00	0.15
17:16:31	10.26	7.04	0.17
<b>25A Drift Check</b>			
17:16:41	10.22	7.01	1.66
17:16:51	1.90	0.37	0.20
17:17:01	0.22	0.22	0.03
17:17:11	0.17	0.16	0.02

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
17:17:21	0.15	0.13	0.01
17:17:31	0.11	0.10	0.02
17:17:41	0.10	0.09	0.01
17:17:51	0.09	0.08	0.00
17:18:01	0.07	0.07	0.00
17:18:11	0.06	0.07	-0.01
17:18:21	0.06	0.06	-0.02
<b>N2 Zero</b>	<b>0.07</b>	<b>0.07</b>	<b>-0.01</b>
17:18:31	0.06	0.06	0.09
17:18:41	7.44	3.62	4.46
17:18:51	19.52	0.14	13.45
17:19:01	20.03	0.09	14.33
17:19:11	20.09	0.08	14.44
17:19:21	20.14	0.07	14.47
17:19:31	20.18	0.06	14.51
17:19:41	20.21	0.05	14.53
17:19:51	20.22	0.05	14.54
17:20:01	20.25	0.05	14.56
17:20:11	20.26	0.05	14.59
17:20:21	20.27	0.04	14.60
<b>14.8 propane</b>	<b>20.26</b>	<b>0.05</b>	<b>14.58</b>
17:20:31	20.27	0.04	10.10
17:20:41	11.70	6.62	0.69
17:20:51	10.59	6.83	0.32
17:21:01	10.61	6.80	0.26
17:21:11	10.77	6.68	0.23
17:21:21	10.87	6.63	0.20
17:21:31	10.84	6.66	0.19
<b>Resume 1B</b>			
17:21:41	10.77	6.74	0.18
17:21:51	10.59	6.88	0.17
17:22:01	10.45	6.97	0.18
17:22:11	10.38	7.00	0.18
17:22:21	10.44	6.94	0.17
17:22:31	10.55	6.85	0.17
17:22:41	10.72	6.73	0.16
17:22:51	10.80	6.68	0.18
17:23:01	10.74	6.75	0.19
17:23:11	10.62	6.85	0.18
17:23:21	10.48	6.96	0.18
17:23:31	10.34	7.06	0.19
17:23:41	10.33	7.03	0.18
17:23:51	10.42	6.96	0.18
17:24:01	10.61	6.80	0.17
17:24:11	10.80	6.68	0.18
17:24:21	10.87	6.63	0.17
17:24:31	10.90	6.63	0.17
17:24:41	10.85	6.67	0.17
17:24:51	10.80	6.70	0.16
17:25:01	10.82	6.69	0.16
17:25:11	10.92	6.59	0.16
17:25:21	11.07	6.49	0.16



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:25:31	11.30	6.30	0.16
17:25:41	11.49	6.18	0.16
17:25:51	11.61	6.10	0.15
17:26:01	11.63	6.10	0.15
17:26:11	11.57	6.16	0.13
17:26:21	11.49	6.23	0.13
17:26:31	11.42	6.29	0.14
17:26:41	11.46	6.23	0.14
17:26:51	11.52	6.17	0.14
17:27:01	11.70	6.02	0.14
17:27:11	11.84	5.92	0.14
17:27:21	11.88	5.89	0.14
17:27:31	11.86	5.94	0.15
17:27:41	11.73	6.03	0.14
17:27:51	11.66	6.09	0.14
17:28:01	11.58	6.14	0.13
17:28:11	11.59	6.10	0.13
17:28:21	11.65	6.04	0.13
17:28:31	11.83	5.89	0.14
17:28:41	11.95	5.81	0.13
17:28:51	11.95	5.82	0.14
17:29:01	11.90	5.85	0.14
17:29:11	11.84	5.91	0.14
17:29:21	11.72	6.00	0.14
17:29:31	11.67	6.03	0.15
17:29:41	11.67	6.02	0.15
17:29:51	11.70	6.01	0.15
17:30:01	11.81	5.91	0.14
17:30:11	11.93	5.82	0.14
17:30:21	11.94	5.82	0.14
17:30:31	11.92	5.84	0.14
17:30:41	11.81	5.93	0.14
17:30:51	11.70	6.01	0.14
17:31:01	11.63	6.06	0.13
17:31:11	11.66	6.01	0.14
17:31:21	11.73	5.97	0.13
17:31:31	11.88	5.85	0.14
17:31:41	11.99	5.76	0.14
17:31:51	12.02	5.75	0.15
17:32:01	11.96	5.82	0.15
17:32:11	11.89	5.89	0.15
17:32:21	11.81	5.96	0.14
17:32:31	11.73	6.00	0.14
17:32:41	11.70	6.03	0.14
17:32:51	11.66	6.05	0.15
17:33:01	11.65	6.05	0.15
17:33:11	11.66	6.03	0.15
17:33:21	11.67	6.03	0.15
17:33:31	11.67	6.03	0.16
17:33:41	11.68	6.02	0.16
17:33:51	11.69	6.02	0.16
17:34:01	11.69	6.00	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:34:11	11.72	5.99	0.16
17:34:21	11.73	5.97	0.17
17:34:31	11.74	5.97	0.17
17:34:41	11.72	5.98	0.17
17:34:51	11.72	5.97	0.16
17:35:01	11.71	5.98	0.16
17:35:11	11.74	5.96	0.16
17:35:21	11.74	5.97	0.15
17:35:31	11.75	5.96	0.16
17:35:41	11.78	5.94	0.16
17:35:51	11.76	5.97	0.17
17:36:01	11.74	5.98	0.17
17:36:11	11.74	5.98	0.15
17:36:21	11.77	5.97	0.15
17:36:31	11.79	5.95	0.15
17:36:41	11.80	5.93	0.15
17:36:51	11.82	5.92	0.15
17:37:01	11.79	5.94	0.16
17:37:11	11.81	5.91	0.16
17:37:21	11.86	5.87	0.15
17:37:31	11.98	5.77	0.15
17:37:41	12.12	5.65	0.15
17:37:51	12.30	5.53	0.17
17:38:01	12.35	5.52	0.16
17:38:11	12.26	5.61	0.16
17:38:21	12.12	5.73	0.16
17:38:31	11.97	5.85	0.14
17:38:41	11.96	5.85	0.15
17:38:51	11.97	5.82	0.15
17:39:01	12.11	5.71	0.15
17:39:11	12.17	5.67	0.17
17:39:21	12.16	5.68	0.17
17:39:31	12.07	5.77	0.17
17:39:41	11.96	5.85	0.16
17:39:51	11.85	5.92	0.16
17:40:01	11.86	5.91	0.15
17:40:11	11.93	5.82	0.16
17:40:21	12.08	5.70	0.16
17:40:31	12.12	5.69	0.16
17:40:41	12.10	5.72	0.16
17:40:51	11.98	5.83	0.16
17:41:01	11.88	5.90	0.15
17:41:11	11.81	5.94	0.15
17:41:21	11.82	5.93	0.14
17:41:31	11.89	5.85	0.14
17:41:41	12.02	5.75	0.14
17:41:51	12.06	5.75	0.14
17:42:01	12.01	5.79	0.14
17:42:11	11.85	5.92	0.15
17:42:21	11.77	5.99	0.14
17:42:31	11.70	6.02	0.13
17:42:41	11.76	5.97	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:42:51	11.85	5.89	0.14
17:43:01	11.99	5.78	0.14
17:43:11	12.03	5.77	0.14
17:43:21	12.00	5.80	0.14
17:43:31	11.88	5.93	0.14
17:43:41	11.77	6.00	0.14
17:43:51	11.69	6.05	0.14
17:44:01	11.70	6.04	0.13
17:44:11	11.79	5.94	0.13
17:44:21	11.93	5.82	0.12
17:44:31	12.01	5.77	0.13
17:44:41	11.98	5.81	0.13
17:44:51	11.86	5.92	0.14
17:45:01	11.77	6.00	0.13
17:45:11	11.66	6.06	0.13
17:45:21	11.67	6.05	0.13
17:45:31	11.73	5.98	0.13
17:45:41	11.88	5.86	0.13
17:45:51	11.98	5.79	0.13
17:46:01	12.01	5.79	0.14
17:46:11	11.95	5.82	0.14
17:46:21	11.90	5.88	0.14
17:46:31	11.83	5.95	0.14
17:46:41	11.74	6.02	0.14
17:46:51	11.69	6.07	0.14
17:47:01	11.57	6.15	0.14
17:47:11	11.53	6.18	0.13
17:47:21	11.54	6.15	0.14
17:47:31	11.65	6.08	0.14
17:47:41	11.78	5.96	0.13
17:47:51	11.97	5.81	0.14
17:48:01	12.05	5.77	0.14
17:48:11	12.04	5.79	0.12
17:48:21	11.93	5.88	0.15
17:48:31	11.88	5.93	0.15
17:48:41	11.78	6.00	0.14
17:48:51	11.81	5.98	0.14
17:49:01	11.91	5.87	0.14
17:49:11	12.06	5.76	0.15
17:49:21	12.12	5.73	0.15
17:49:31	12.13	5.72	0.15
17:49:41	12.00	5.85	0.15
17:49:51	11.86	5.95	0.15
17:50:01	11.73	6.05	0.14
17:50:11	11.75	6.02	0.14
17:50:21	11.82	5.94	0.15
17:50:31	11.98	5.80	0.14
17:50:41	12.07	5.76	0.15
17:50:51	12.06	5.77	0.15
17:51:01	12.00	5.84	0.14
17:51:11	11.86	5.94	0.14
17:51:21	11.77	6.01	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:51:31	11.73	6.02	0.13
17:51:41	11.79	5.95	0.13
17:51:51	11.94	5.82	0.13
17:52:01	12.10	5.70	0.14
17:52:11	12.16	5.66	0.14
17:52:21	12.18	5.66	0.14
17:52:31	12.05	5.77	0.12
17:52:41	11.94	5.85	0.12
17:52:51	11.90	5.87	0.14
17:53:01	11.93	5.84	0.13
17:53:11	12.04	5.74	0.14
17:53:21	12.20	5.62	0.14
17:53:31	12.23	5.63	0.14
17:53:41	12.19	5.66	0.14
17:53:51	12.06	5.78	0.14
17:54:01	11.96	5.83	0.14
17:54:11	11.90	5.88	0.13
17:54:21	11.94	5.81	0.12
17:54:31	12.05	5.70	0.14
17:54:41	12.23	5.56	0.14
17:54:51	12.34	5.49	0.14
17:55:01	12.33	5.50	0.14
17:55:11	12.27	5.55	0.14
17:55:21	12.19	5.61	0.14
17:55:31	12.09	5.70	0.14
17:55:41	12.09	5.69	0.14
17:55:51	12.13	5.64	0.14
17:56:01	12.31	5.49	0.16
17:56:11	12.41	5.45	0.17
17:56:21	12.40	5.46	0.17
17:56:31	12.31	5.55	0.15
17:56:41	12.15	5.65	0.15
17:56:51	12.05	5.72	0.14
17:57:01	12.03	5.71	0.14
17:57:11	12.09	5.65	0.14
17:57:21	12.26	5.51	0.14
17:57:31	12.38	5.43	0.16
17:57:41	12.41	5.43	0.16
17:57:51	12.33	5.50	0.14
17:58:01	12.20	5.60	0.14
17:58:11	12.10	5.68	0.15
17:58:21	12.06	5.68	0.15
17:58:31	12.11	5.66	0.15
17:58:41	12.22	5.55	0.14
17:58:51	12.34	5.48	0.14
17:59:01	12.32	5.51	0.14
17:59:11	12.22	5.61	0.14
17:59:21	12.04	5.75	0.13
17:59:31	11.92	5.86	0.13
17:59:41	11.79	5.93	0.13
17:59:51	11.79	5.93	0.13
18:00:01	11.90	5.82	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:00:11	12.03	5.73	0.14
18:00:21	12.06	5.73	0.13
18:00:31	11.98	5.80	0.13
18:00:41	11.79	5.97	0.14
18:00:51	11.63	6.08	0.14
18:01:01	11.52	6.16	0.14
18:01:11	11.55	6.13	0.14
18:01:21	11.67	6.01	0.14
18:01:31	11.86	5.87	0.14
18:01:41	11.98	5.81	0.14
18:01:51	11.96	5.82	0.13
18:02:01	11.89	5.90	0.12
18:02:11	11.76	5.99	0.12
18:02:21	11.66	6.06	0.14
18:02:31	11.65	6.06	0.14
18:02:41	11.72	6.00	0.14
18:02:51	11.87	5.86	0.15
18:03:01	12.01	5.76	0.14
18:03:11	12.04	5.76	0.14
18:03:21	11.98	5.82	0.14
18:03:31	11.84	5.93	0.14
18:03:41	11.74	6.02	0.14
18:03:51	11.63	6.10	0.13
18:04:01	11.67	6.05	0.14
18:04:11	11.75	5.97	0.14
18:04:21	11.91	5.84	0.14
18:04:31	11.97	5.82	0.14
18:04:41	11.93	5.86	0.15
18:04:51	11.81	5.99	0.15
18:05:01	11.67	6.10	0.16
18:05:11	11.55	6.20	0.16
18:05:21	11.56	6.18	0.16
18:05:31	11.64	6.10	0.16
18:05:41	11.83	5.95	0.15
18:05:51	11.95	5.87	0.16
18:06:01	11.95	5.88	0.16
18:06:11	11.87	5.96	0.16
18:06:21	11.72	6.07	0.15
18:06:31	11.65	6.12	0.15
18:06:41	11.61	6.13	0.14
18:06:51	11.67	6.07	0.14
18:07:01	11.81	5.94	0.14
18:07:11	11.97	5.83	0.14
18:07:21	12.00	5.82	0.14
18:07:31	11.95	5.87	0.15
18:07:41	11.83	5.97	0.14
18:07:51	11.75	6.03	0.14
18:08:01	11.65	6.11	0.14
18:08:11	11.68	6.07	0.14
18:08:21	11.77	5.98	0.14
18:08:31	11.95	5.84	0.15
18:08:41	12.04	5.78	0.15

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:08:51	12.05	5.79	0.14
18:09:01	11.94	5.90	0.14
18:09:11	11.81	5.99	0.14
18:09:21	11.74	6.04	0.13
18:09:31	11.72	6.03	0.14
18:09:41	11.78	5.98	0.14
18:09:51	11.91	5.85	0.14
18:10:01	12.07	5.74	0.14
18:10:11	12.09	5.73	0.13
18:10:21	12.04	5.78	0.13
18:10:31	11.91	5.89	0.12
18:10:41	11.79	5.97	0.12
18:10:51	11.73	6.00	0.11
18:11:01	11.79	5.96	0.12
18:11:11	11.89	5.85	0.11
18:11:21	12.04	5.73	0.13
18:11:31	12.13	5.69	0.14
18:11:41	12.08	5.75	0.13
18:11:51	11.98	5.84	0.13
18:12:01	11.86	5.93	0.13
18:12:11	11.74	6.02	0.13
18:12:21	11.73	6.01	0.14
18:12:31	11.78	5.95	0.13
18:12:41	11.97	5.79	0.13
18:12:51	12.10	5.70	0.14
18:13:01	12.09	5.72	0.14
18:13:11	12.03	5.78	0.14
18:13:21	11.85	5.93	0.14
18:13:31	11.72	6.03	0.14
18:13:41	11.63	6.07	0.13
18:13:51	11.69	6.02	0.14
18:14:01	11.82	5.90	0.14
18:14:11	11.99	5.79	0.14
18:14:21	12.04	5.76	0.14
18:14:31	12.00	5.81	0.13
18:14:41	11.86	5.92	0.13
18:14:51	11.75	5.98	0.14
18:15:01	11.67	6.03	0.14
18:15:11	11.68	6.00	0.13
18:15:21	11.78	5.89	0.14
18:15:31	11.95	5.77	0.14
18:15:41	12.03	5.71	0.14
18:15:51	12.01	5.75	0.13
18:16:01	11.92	5.83	0.14
18:16:11	11.79	5.93	0.13
18:16:21	11.73	5.97	0.13
18:16:31	11.70	5.99	0.14
18:16:41	11.75	5.94	0.14
18:16:51	11.86	5.84	0.15
18:17:01	12.02	5.72	0.15
18:17:11	12.11	5.67	0.15
18:17:21	12.05	5.74	0.14

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
18:17:31	11.94	5.84	0.14
18:17:41	11.79	5.95	0.15
18:17:51	11.73	5.99	0.15
18:18:01	11.70	6.00	0.15
18:18:11	11.76	5.94	0.14
18:18:21	11.86	5.85	0.15
18:18:31	11.97	5.77	0.15
18:18:41	12.01	5.76	0.14
18:18:51	11.93	5.82	0.16
18:19:01	11.78	5.94	0.14
18:19:11	11.62	6.06	0.12
18:19:21	11.49	6.16	0.12
18:19:31	11.44	6.17	0.14
<b>25A Drift Check</b>			
18:19:41	12.30	4.38	1.76
18:19:51	0.96	0.30	0.07
18:20:01	0.20	0.16	0.00
18:20:11	0.18	0.13	0.01
18:20:21	0.14	0.10	0.01
18:20:31	0.11	0.09	0.01
18:20:41	0.10	0.08	0.01
18:20:51	0.09	0.07	-0.01
18:21:01	0.08	0.06	0.00
<b>N2 Zero</b>	<b>0.09</b>	<b>0.07</b>	<b>0.00</b>
18:21:11	7.33	5.38	2.44
18:21:21	18.93	0.14	12.84
18:21:31	20.02	0.09	14.18
18:21:41	20.10	0.07	14.36
18:21:51	20.15	0.06	14.46
18:22:01	20.18	0.06	14.52
18:22:11	20.22	0.05	14.57
18:22:21	20.23	0.05	14.61
18:22:31	20.25	0.05	14.64
18:22:41	20.26	0.05	14.66
18:22:51	20.27	0.04	14.69
18:23:01	20.28	0.04	14.69
18:23:11	20.29	0.05	14.69
<b>14.8 propane</b>	<b>20.28</b>	<b>0.05</b>	<b>14.69</b>
18:23:21	20.06	0.62	7.44
18:23:31	11.04	6.68	0.49
18:23:41	10.31	7.00	0.30
18:23:51	10.17	7.07	0.26
18:24:01	10.16	7.07	0.23
18:24:11	10.26	6.99	0.21
18:24:21	10.46	6.84	0.19
18:24:31	10.59	6.78	0.18
18:24:41	10.54	6.84	0.18
<b>Resume 1B</b>			
18:24:51	10.46	6.91	0.17
18:25:01	10.31	7.02	0.16
18:25:11	10.20	7.08	0.16
18:25:21	10.10	7.14	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:25:31	10.15	7.08	0.17
18:25:41	10.27	6.99	0.17
18:25:51	10.42	6.88	0.16
18:26:01	10.50	6.85	0.16
18:26:11	10.45	6.89	0.16
18:26:21	10.36	6.96	0.16
18:26:31	10.21	7.05	0.17
18:26:41	10.13	7.11	0.16
18:26:51	10.02	7.17	0.17
18:27:01	10.08	7.13	0.17
18:27:11	10.17	7.04	0.17
18:27:21	10.36	6.91	0.18
18:27:31	10.47	6.85	0.17
18:27:41	10.47	6.88	0.17
18:27:51	10.46	6.91	0.17
18:28:01	10.42	6.94	0.16
18:28:11	10.40	6.96	0.14
18:28:21	10.42	6.94	0.15
18:28:31	10.52	6.87	0.16
18:28:41	10.67	6.75	0.16
18:28:51	10.85	6.63	0.16
18:29:01	10.91	6.61	0.17
18:29:11	10.89	6.65	0.17
18:29:21	10.78	6.75	0.17
18:29:31	10.70	6.81	0.17
18:29:41	10.59	6.89	0.17
18:29:51	10.61	6.86	0.18
18:30:01	10.68	6.82	0.17
18:30:11	10.84	6.67	0.17
18:30:21	10.99	6.59	0.18
18:30:31	11.02	6.59	0.18
18:30:41	10.94	6.66	0.18
18:30:51	10.88	6.71	0.18
18:31:01	10.79	6.78	0.19
18:31:11	10.72	6.85	0.19
18:31:21	10.62	6.92	0.19
18:31:31	10.54	6.98	0.19
18:31:41	10.49	7.02	0.19
18:31:51	10.43	7.08	0.19
18:32:01	10.37	7.12	0.17
18:32:11	10.38	7.08	0.17
18:32:21	10.49	7.00	0.17
18:32:31	10.66	6.85	0.18
18:32:41	10.87	6.70	0.20
18:32:51	10.97	6.65	0.19
18:33:01	10.95	6.66	0.20
18:33:11	10.83	6.76	0.20
18:33:21	10.74	6.80	0.20
18:33:31	10.68	6.84	0.18
18:33:41	10.68	6.82	0.17
18:33:51	10.75	6.75	0.17
18:34:01	10.90	6.63	0.17



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:34:11	11.08	6.53	0.18
18:34:21	11.11	6.53	0.20
18:34:31	11.04	6.59	0.19
18:34:41	10.90	6.71	0.18
18:34:51	10.77	6.80	0.17
18:35:01	10.69	6.85	0.16
18:35:11	10.70	6.83	0.15
18:35:21	10.75	6.78	0.17
18:35:31	10.89	6.67	0.17
18:35:41	10.96	6.65	0.18
18:35:51	10.88	6.72	0.17
18:36:01	10.74	6.82	0.17
18:36:11	10.57	6.94	0.17
18:36:21	10.43	7.04	0.17
18:36:31	10.33	7.07	0.17
18:36:41	10.37	7.04	0.17
18:36:51	10.44	6.97	0.17
18:37:01	10.60	6.86	0.17
18:37:11	10.70	6.83	0.17
18:37:21	10.66	6.87	0.17
18:37:31	10.58	6.95	0.18
18:37:41	10.44	7.06	0.20
18:37:51	10.35	7.13	0.20
18:38:01	10.29	7.16	0.19
18:38:11	10.34	7.13	0.19
18:38:21	10.45	7.04	0.19
18:38:31	10.62	6.94	0.18
18:38:41	10.66	6.95	0.19
18:38:51	10.61	7.00	0.18
18:39:01	10.54	7.07	0.17
18:39:11	10.42	7.15	0.16
18:39:21	10.36	7.19	0.17
18:39:31	10.43	7.12	0.17
18:39:41	10.52	7.08	0.18
18:39:51	10.62	6.98	0.18
18:40:01	10.76	6.89	0.18
18:40:11	10.79	6.90	0.19
18:40:21	10.69	6.98	0.20
18:40:31	10.58	7.07	0.18
18:40:41	10.41	7.18	0.17
18:40:51	10.31	7.24	0.18
18:41:01	10.31	7.20	0.17
18:41:11	10.35	7.18	0.18
18:41:21	10.46	7.10	0.18
18:41:31	10.63	6.97	0.18
18:41:41	10.67	6.97	0.18
18:41:51	10.62	7.01	0.17
18:42:01	10.55	7.08	0.16
18:42:11	10.39	7.19	0.17
18:42:21	10.26	7.28	0.17
18:42:31	10.19	7.31	0.18
18:42:41	10.20	7.29	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:42:51	10.32	7.19	0.18
18:43:01	10.43	7.12	0.19
18:43:11	10.43	7.14	0.20
18:43:21	10.36	7.18	0.19
18:43:31	10.27	7.28	0.19
18:43:41	10.14	7.38	0.20
18:43:51	10.05	7.42	0.20
18:44:01	10.08	7.39	0.20
18:44:11	10.15	7.32	0.19
18:44:21	10.30	7.22	0.20
18:44:31	10.38	7.19	0.20
18:44:41	10.34	7.22	0.19
18:44:51	10.27	7.28	0.19
18:45:01	10.18	7.34	0.19
18:45:11	10.05	7.44	0.20
18:45:21	9.99	7.45	0.19
18:45:31	10.04	7.41	0.18
18:45:41	10.17	7.30	0.18
18:45:51	10.33	7.21	0.17
18:46:01	10.37	7.20	0.18
18:46:11	10.35	7.24	0.19
18:46:21	10.30	7.29	0.17
18:46:31	10.18	7.38	0.17
18:46:41	10.05	7.46	0.18
18:46:51	9.99	7.49	0.17
18:47:01	10.03	7.45	0.18
18:47:11	10.11	7.37	0.18
18:47:21	10.30	7.24	0.19
18:47:31	10.34	7.23	0.19
18:47:41	10.32	7.26	0.19
18:47:51	10.23	7.34	0.19
18:48:01	10.16	7.38	0.19
18:48:11	10.07	7.44	0.19
18:48:21	10.12	7.41	0.17
18:48:31	10.21	7.33	0.19
18:48:41	10.34	7.24	0.19
18:48:51	10.45	7.18	0.19
18:49:01	10.43	7.21	0.20
18:49:11	10.35	7.28	0.20
18:49:21	10.24	7.36	0.19
18:49:31	10.18	7.41	0.19
18:49:41	10.11	7.44	0.18
18:49:51	10.13	7.42	0.19
18:50:01	10.22	7.35	0.19
18:50:11	10.36	7.26	0.19
18:50:21	10.39	7.26	0.18
18:50:31	10.35	7.30	0.18
18:50:41	10.23	7.40	0.18
18:50:51	10.13	7.45	0.18
18:51:01	10.06	7.50	0.19
18:51:11	10.10	7.46	0.20
18:51:21	10.18	7.39	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
18:51:31	10.34	7.28	0.20
18:51:41	10.49	7.18	0.19
18:51:51	10.51	7.19	0.19
18:52:01	10.48	7.22	0.18
18:52:11	10.42	7.26	0.18
18:52:21	10.44	7.26	0.18
18:52:31	10.46	7.24	0.19
18:52:41	10.53	7.21	0.18
18:52:51	10.61	7.12	0.19
18:53:01	10.77	7.01	0.17
18:53:11	10.80	7.01	0.18
18:53:21	10.74	7.06	0.18
18:53:31	10.62	7.15	0.20
18:53:41	10.49	7.23	0.20
18:53:51	10.40	7.29	0.19
18:54:01	10.39	7.28	0.20
18:54:11	10.43	7.24	0.20
18:54:21	10.56	7.15	0.19
18:54:31	10.67	7.08	0.19
18:54:41	10.68	7.08	0.19
18:54:51	10.62	7.15	0.18
18:55:01	10.49	7.25	0.18
18:55:11	10.38	7.32	0.18
18:55:21	10.28	7.38	0.17
18:55:31	10.31	7.35	0.19
18:55:41	10.38	7.27	0.19
18:55:51	10.50	7.19	0.19
18:56:01	10.57	7.16	0.19
18:56:11	10.55	7.18	0.18
18:56:21	10.48	7.25	0.19
18:56:31	10.36	7.34	0.19
18:56:41	10.24	7.42	0.20
18:56:51	10.22	7.40	0.20
18:57:01	10.27	7.36	0.20
18:57:11	10.41	7.26	0.19
18:57:21	10.51	7.21	0.19
18:57:31	10.49	7.23	0.19
18:57:41	10.46	7.26	0.18
18:57:51	10.32	7.38	0.17
18:58:01	10.17	7.47	0.17
18:58:11	10.10	7.50	0.17
18:58:21	10.10	7.50	0.17
18:58:31	10.15	7.45	0.17
18:58:41	10.26	7.37	0.17
18:58:51	10.33	7.34	0.17
18:59:01	10.30	7.36	0.17
18:59:11	10.29	7.39	0.18
18:59:21	10.21	7.45	0.18
18:59:31	10.22	7.45	0.18
18:59:41	10.24	7.43	0.19
18:59:51	10.27	7.40	0.19
19:00:01	10.38	7.30	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:00:11	10.55	7.20	0.19
19:00:21	10.60	7.18	0.20
19:00:31	10.61	7.18	0.19
19:00:41	10.56	7.23	0.18
19:00:51	10.47	7.28	0.19
19:01:01	10.41	7.32	0.19
19:01:11	10.48	7.26	0.19
19:01:21	10.54	7.22	0.20
19:01:31	10.69	7.09	0.20
19:01:41	10.84	7.00	0.20
19:01:51	10.85	7.02	0.20
19:02:01	10.79	7.08	0.20
19:02:11	10.75	7.11	0.19
19:02:21	10.66	7.19	0.18
19:02:31	10.57	7.26	0.17
19:02:41	10.40	7.38	0.17
19:02:51	10.30	7.46	0.17
19:03:01	10.25	7.47	0.15
19:03:11	10.32	7.43	0.16
19:03:21	10.42	7.33	0.16
19:03:31	10.58	7.22	0.16
19:03:41	10.67	7.17	0.17
19:03:51	10.66	7.18	0.17
19:04:01	10.55	7.27	0.17
19:04:11	10.42	7.35	0.16
19:04:21	10.37	7.37	0.16
19:04:31	10.39	7.33	0.16
19:04:41	10.52	7.22	0.16
19:04:51	10.72	7.06	0.16
19:05:01	10.89	6.94	0.15
19:05:11	10.93	6.93	0.15
19:05:21	10.94	6.93	0.15
19:05:31	10.91	6.97	0.15
19:05:41	10.88	6.98	0.14
19:05:51	10.90	6.96	0.14
19:06:01	11.01	6.86	0.14
19:06:11	11.15	6.75	0.14
19:06:21	11.36	6.59	0.15
19:06:31	11.51	6.50	0.15
19:06:41	11.52	6.51	0.17
19:06:51	11.44	6.58	0.16
19:07:01	11.28	6.72	0.16
19:07:11	11.17	6.78	0.15
19:07:21	11.09	6.84	0.15
19:07:31	11.12	6.80	0.17
19:07:41	11.21	6.72	0.17
19:07:51	11.35	6.60	0.15
19:08:01	11.44	6.55	0.15
19:08:11	11.40	6.59	0.13
19:08:21	11.30	6.66	0.13
19:08:31	11.15	6.77	0.13
19:08:41	11.05	6.84	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:08:51	10.95	6.91	0.14
19:09:01	10.93	6.90	0.14
19:09:11	10.99	6.83	0.15
19:09:21	11.13	6.73	0.15
19:09:31	11.23	6.66	0.15
19:09:41	11.17	6.73	0.14
19:09:51	11.03	6.83	0.15
19:10:01	10.87	6.95	0.14
19:10:11	10.79	6.99	0.14
19:10:21	10.76	7.00	0.14
19:10:31	10.82	6.96	0.15
19:10:41	10.93	6.88	0.14
19:10:51	11.08	6.76	0.15
19:11:01	11.17	6.70	0.16
19:11:11	11.10	6.77	0.17
19:11:21	10.99	6.85	0.16
19:11:31	10.86	6.94	0.15
19:11:41	10.80	6.98	0.15
19:11:51	10.76	7.00	0.14
19:12:01	10.80	6.97	0.14
19:12:11	10.91	6.86	0.16
19:12:21	11.05	6.77	0.16
19:12:31	11.08	6.77	0.15
19:12:41	11.03	6.82	0.15
19:12:51	10.98	6.86	0.14
19:13:01	10.91	6.91	0.15
19:13:11	10.82	6.99	0.14
19:13:21	10.75	7.04	0.14
19:13:31	10.69	7.08	0.14
19:13:41	10.62	7.13	0.14
19:13:51	10.66	7.08	0.14
19:14:01	10.72	7.03	0.14
19:14:11	10.88	6.91	0.15
19:14:21	10.99	6.83	0.14
19:14:31	11.03	6.81	0.14
19:14:41	10.96	6.87	0.14
19:14:51	10.93	6.89	0.14
19:15:01	10.90	6.92	0.15
19:15:11	10.86	6.95	0.15
19:15:21	10.84	6.96	0.15
19:15:31	10.83	6.97	0.15
19:15:41	10.84	6.97	0.15
19:15:51	10.83	6.97	0.14
19:16:01	10.84	6.98	0.15
19:16:11	10.83	7.00	0.15
19:16:21	10.82	7.01	0.17
19:16:31	10.81	7.02	0.17
19:16:41	10.83	7.01	0.16
19:16:51	10.79	7.03	0.16
19:17:01	10.78	7.03	0.16
19:17:11	10.73	7.07	0.16
19:17:21	10.75	7.04	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:17:31	10.83	6.97	0.16
19:17:41	10.93	6.89	0.17
19:17:51	11.08	6.76	0.16
19:18:01	11.25	6.65	0.17
19:18:11	11.34	6.60	0.16
19:18:21	11.29	6.65	0.16
19:18:31	11.15	6.77	0.16
19:18:41	10.98	6.88	0.14
19:18:51	10.84	6.98	0.14
19:19:01	10.78	7.00	0.14
19:19:11	10.75	7.01	0.14
19:19:21	10.78	6.97	0.14
19:19:31	10.85	6.92	0.13
19:19:41	10.82	6.96	0.14
19:19:51	10.67	7.07	0.14
19:20:01	10.49	7.21	0.15
19:20:11	10.33	7.32	0.15
19:20:21	10.26	7.36	0.17
19:20:31	10.25	7.34	0.17
19:20:41	10.30	7.30	0.16
19:20:51	10.41	7.21	0.16
19:21:01	10.51	7.15	0.17
19:21:11	10.46	7.21	0.16
19:21:21	10.34	7.30	0.16
19:21:31	10.13	7.46	0.16
19:21:41	10.02	7.52	0.15
19:21:51	9.94	7.58	0.14
19:22:01	9.96	7.54	0.13
19:22:11	10.05	7.47	0.14
19:22:21	10.23	7.34	0.14
19:22:31	10.34	7.29	0.14
19:22:41	10.32	7.32	0.14
19:22:51	10.20	7.41	0.14
19:23:01	10.08	7.50	0.14
19:23:11	9.99	7.54	0.15
19:23:21	9.93	7.56	0.16
19:23:31	10.04	7.49	0.15
19:23:41	10.17	7.38	0.14
19:23:51	10.35	7.26	0.15
19:24:01	10.42	7.23	0.14
19:24:11	10.38	7.27	0.15
19:24:21	10.29	7.34	0.14
19:24:31	10.14	7.44	0.14
19:24:41	10.07	7.49	0.14
19:24:51	10.02	7.51	0.14
19:25:01	10.06	7.47	0.14
19:25:11	10.17	7.37	0.14
19:25:21	10.31	7.27	0.14
19:25:31	10.38	7.23	0.15
19:25:41	10.34	7.28	0.15
19:25:51	10.22	7.36	0.14
19:26:01	10.08	7.46	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
19:26:11	9.95	7.54	0.14
19:26:21	9.93	7.54	0.14
19:26:31	9.97	7.51	0.14
19:26:41	10.06	7.43	0.15
19:26:51	10.20	7.34	0.15
19:27:01	10.20	7.35	0.14
19:27:11	10.12	7.42	0.14
19:27:21	10.03	7.49	0.14
19:27:31	9.88	7.58	0.14
19:27:41	9.80	7.62	0.15
19:27:51	9.79	7.61	0.14
19:28:01	9.88	7.54	0.15
19:28:11	10.01	7.44	0.15
19:28:21	10.16	7.35	0.14
19:28:31	10.18	7.36	0.15
19:28:41	10.13	7.41	0.14
19:28:51	9.99	7.52	0.14
19:29:01	9.86	7.61	0.13
19:29:11	9.77	7.67	0.14
19:29:21	9.81	7.63	0.14
19:29:31	9.91	7.54	0.14
19:29:41	10.08	7.42	0.15
19:29:51	10.17	7.38	0.14
19:30:01	10.22	7.36	0.14
19:30:11	10.20	7.39	0.14
19:30:21	10.15	7.42	0.14
19:30:31	10.10	7.45	0.15
19:30:41	10.07	7.48	0.14
19:30:51	9.97	7.55	0.14
19:31:01	9.92	7.58	0.14
19:31:11	9.91	7.58	0.14
19:31:21	10.02	7.50	0.13
19:31:31	10.11	7.43	0.14
19:31:41	10.27	7.30	0.14
19:31:51	10.42	7.22	0.14
19:32:01	10.46	7.22	0.14
19:32:11	10.43	7.26	0.15
19:32:21	10.33	7.34	0.14
19:32:31	10.26	7.39	0.14
19:32:41	10.22	7.40	0.15
19:32:51	10.25	7.34	0.15
19:33:01	10.35	7.28	0.14
19:33:11	10.49	7.18	0.14
19:33:21	10.59	7.12	0.15
19:33:31	10.57	7.17	0.15
19:33:41	10.50	7.23	0.14
19:33:51	10.38	7.32	0.14
<b>End Run 1B</b>	<b>11.25</b>	<b>6.46</b>	<b>0.15</b>
19:34:01	10.32	7.36	0.14
19:34:11	10.26	7.39	0.14
19:34:21	10.30	7.35	0.14
19:34:31	10.35	7.29	0.14

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
19:34:41	10.50	7.17	0.15
19:34:51	10.56	7.15	0.15
19:35:01	10.52	7.18	0.15
19:35:11	10.46	7.24	0.15
19:35:21	10.34	7.32	0.15
19:35:31	10.27	7.37	0.14
19:35:41	10.26	7.36	0.14
19:35:51	10.30	7.34	0.15
19:36:01	10.42	7.24	0.15
19:36:11	10.55	7.16	0.14
19:36:21	10.55	7.17	0.15
19:36:31	10.51	7.20	0.15
19:36:41	10.40	7.29	0.14
19:36:51	10.28	7.36	0.14
19:37:01	10.23	7.40	0.14
19:37:11	10.26	7.35	0.15
<b>25A Drift Check / Cal Bias</b>			
19:37:21	10.78	6.68	0.56
19:37:31	1.46	0.41	0.03
19:37:41	0.23	0.22	0.01
19:37:51	0.17	0.17	0.01
19:38:01	0.13	0.14	0.01
19:38:11	0.12	0.12	0.01
19:38:21	0.10	0.11	0.01
19:38:31	0.09	0.10	0.00
19:38:41	0.08	0.09	0.00
19:38:51	0.07	0.08	-0.01
<b>N2 Zero</b>			
	<b>0.08</b>	<b>0.09</b>	<b>0.00</b>
19:39:01	3.32	1.60	0.20
19:39:11	8.62	7.72	0.01
19:39:21	9.83	9.62	-0.03
19:39:31	9.88	9.73	-0.03
19:39:41	9.90	9.78	-0.03
19:39:51	9.92	9.81	-0.04
19:40:01	9.92	9.84	-0.04
19:40:11	9.93	9.85	-0.04
19:40:21	9.94	9.87	-0.05
19:40:31	9.94	9.86	-0.05
<b>10.1/10.0 O2/CO2</b>			
	<b>9.94</b>	<b>9.86</b>	<b>-0.05</b>
19:40:41	10.09	9.49	0.28
19:40:51	12.56	6.86	8.17
19:41:01	19.90	0.46	14.04
19:41:11	20.22	0.29	14.56
19:41:21	20.28	0.21	14.67
19:41:31	20.31	0.16	14.70
19:41:41	20.34	0.13	14.73
19:41:51	20.36	0.11	14.76
19:42:01	20.37	0.10	14.77
19:42:11	20.38	0.09	14.78
<b>14.8 propane</b>			
	<b>20.37</b>	<b>0.10</b>	<b>14.77</b>
19:42:21	20.39	0.08	14.80
19:42:31	20.39	0.08	13.45



**Veolia Sauguet Unit 3**

Uncorrected Concentrations									
16-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 2A	1115-1225	13.22	4.95						0.00
Run 2B	1400-1720	11.05	6.82				0.18	42.94	0.31

Corrected O <sub>2</sub> Conc.					
16-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	1115-1225	13.22	0.09	1.02	13.38
Run 2B	1400-1720	11.05	0.10	1.02	11.19

Corrected CO <sub>2</sub> Conc.					
16-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	1115-1225	4.95	0.06	1.01	4.96
Run 2B	1400-1720	6.82	0.05	1.02	6.88

**Veolia Sauget Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/16/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 0-25  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	8:24	0.03	0.03	0.1%
span gas	cc189665	22.50	8:26	22.50	0.00	0.0%
mid-range	cc43355	10.10	8:27	10.11	0.01	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 2A	0.00	0.03	8:31	0.07	0.2%	12:28	0.10	0.3%	0.1%	C <sub>0</sub> = 0.088 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.019
	10.10	10.11	8:29	10.04	-0.3%	12:31	9.96	-0.7%	-0.4%	
Run 2B	0.00	0.03	13:49	0.12	0.4%	17:26	0.08	0.2%	-0.2%	C <sub>0</sub> = 0.100 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.023
	10.10	10.11	13:51	9.98	-0.6%	17:28	9.97	-0.6%	0.0%	

**Veolia Sauget Unit 3  
CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/16/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 0-20  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	8:24	0.05	0.05	0.2%
span gas	cc189665	19.20	8:26	19.22	0.02	0.1%
mid-range	cc43355	10.00	8:27	10.10	0.10	0.5%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 2A	0.00	0.05	8:31	0.06	0.1%	12:28	0.07	0.1%	0.0%	$C_O = 0.064$
	10.00	10.10	8:29	9.93	-0.9%	12:31	9.92	-0.9%	0.0%	$C_{MM}/(C_M - C_O) = 1.014$
Run 2B	0.00	0.05	13:49	0.03	-0.1%	17:26	0.08	0.1%	0.3%	$C_O = 0.052$
	10.00	10.10	13:51	9.88	-1.1%	17:28	9.89	-1.1%	0.0%	$C_{MM}/(C_M - C_O) = 1.017$

**Veolia Sauget Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/16/2013  
**Instrument Make/Model:** Thermo 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 0-30  
**Units:** ppm  
**Technician(s):** dc

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	13:49	-0.08	0.08	n/a
<b>Span</b>	alm025456	24.70	13:44	24.79	0.09	0.4%
<b>Mid</b>	alm028646	14.80	13:45	15.17	0.37	2.5%
<b>Low</b>	alm057529	8.43	13:47	8.61	0.18	2.2%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 2B	-0.08	15:03	0.01	0.3
	15.17	15:05	14.95	-0.7
Run 2B	-0.08	16:16	0.03	0.3
	15.17	16:17	14.88	-1.0
Run 2B	-0.08	17:26	-0.02	0.2
	15.17	17:29	15.25	0.3

		<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>		<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
	8:21:55	0.05	0.01	0.32
	8:22:05	0.04	0.01	0.32
	8:22:15	0.05	0.01	0.31
	8:22:25	12.13	11.89	0.30
	8:22:35	22.25	19.10	0.34
	8:22:45	22.48	19.16	0.34
	8:22:55	22.49	19.18	0.36
	8:23:05	22.50	19.18	0.35
	8:23:15	22.51	19.19	0.34
	8:23:25	22.51	19.20	0.33
	8:23:35	22.47	19.03	0.32
	8:23:45	1.71	0.16	0.39
<b>Cal Error</b>				
	8:23:55	0.08	0.10	0.37
	8:24:05	0.05	0.07	0.31
	8:24:15	0.04	0.06	0.32
	8:24:25	0.03	0.05	0.31
	8:24:35	0.03	0.05	0.31
	8:24:45	0.02	0.05	0.31
	8:24:55	0.03	0.05	0.33
<b>N2 Zero</b>		<b>0.03</b>	<b>0.05</b>	<b>0.32</b>
	8:25:05	2.95	1.46	0.32
	8:25:15	22.16	19.12	0.31
	8:25:25	22.47	19.18	0.32
	8:25:35	22.49	19.20	0.33
	8:25:45	22.50	19.21	0.32
	8:25:55	22.50	19.22	0.31
	8:26:05	22.51	19.22	0.30
<b>22.5/19.2 O2/CO2</b>		<b>22.50</b>	<b>19.22</b>	<b>0.31</b>
	8:26:15	22.45	19.09	0.31
	8:26:25	21.27	13.91	0.31
	8:26:35	10.25	10.11	0.30
	8:26:45	10.13	10.10	0.30
	8:26:55	10.12	10.10	0.31
	8:27:05	10.11	10.10	0.30
	8:27:15	10.11	10.10	0.32
	8:27:25	10.11	10.10	0.37
	8:27:35	10.11	10.10	0.41
<b>10.1/10.0 O2/CO2</b>		<b>10.11</b>	<b>10.10</b>	<b>0.36</b>
	8:27:45	10.09	10.03	0.47
	8:27:55	10.10	10.01	0.35
	8:28:05	14.44	3.17	1.09
	8:28:15	12.50	9.02	0.49
<b>Cal Bias</b>				
	8:28:25	10.16	9.80	0.01
	8:28:35	10.10	9.86	-0.03
	8:28:45	10.08	9.88	-0.06
	8:28:55	10.06	9.90	-0.06
	8:29:05	10.05	9.92	-0.05
	8:29:15	10.04	9.93	-0.05
	8:29:25	10.04	9.94	-0.07

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
8:29:35	10.03	9.94	0.06
<b>10.1/10.0 O2/CO2</b>	<b>10.04</b>	<b>9.93</b>	<b>-0.02</b>
8:29:45	14.55	3.62	0.14
8:29:55	1.36	0.49	-0.05
8:30:05	0.29	0.26	-0.07
8:30:15	0.20	0.19	-0.08
8:30:25	0.16	0.15	-0.09
8:30:35	0.13	0.12	-0.10
8:30:45	0.11	0.10	-0.08
8:30:55	0.10	0.09	-0.08
8:31:05	0.09	0.08	-0.08
8:31:15	0.08	0.07	-0.09
8:31:25	0.08	0.06	-0.10
8:31:35	0.07	0.06	-0.08
<b>N2 Zero</b>	<b>0.07</b>	<b>0.06</b>	<b>-0.09</b>
8:31:45	7.38	2.10	0.23
8:31:55	14.71	2.96	0.22
8:32:05	14.99	3.01	0.20
8:32:15	13.43	2.98	0.17
8:32:25	15.18	3.05	0.17
8:32:35	15.25	3.06	0.16
8:32:45	15.25	3.07	0.15
8:32:55	15.26	3.06	0.14
8:33:05	15.28	3.06	0.15
8:33:15	15.29	3.05	0.15
8:33:25	15.31	3.05	0.14
8:33:35	15.33	3.03	0.14
8:33:45	15.37	3.00	0.15
8:33:55	15.47	2.93	0.15
8:34:05	15.66	2.82	0.15
8:34:15	15.88	2.71	0.15
8:34:25	16.08	2.61	0.14
8:34:35	16.24	2.53	0.14
8:34:45	16.37	2.47	0.13
8:34:55	16.41	2.47	0.14
8:35:05	16.38	2.50	0.14
8:35:15	16.32	2.54	0.14
8:35:25	16.25	2.59	0.14
8:35:35	16.18	2.64	0.14
8:35:45	16.06	2.71	0.14
8:35:55	15.91	2.81	0.14
8:36:05	15.73	2.92	0.15
8:36:15	15.58	3.03	0.16
8:36:25	15.47	3.10	0.14
8:36:35	15.36	3.17	0.14
8:36:45	15.29	3.22	0.14
8:36:55	15.23	3.26	0.14
8:37:05	15.19	3.29	0.15
8:37:15	15.16	3.31	0.15
8:37:25	15.12	3.34	0.15
8:37:35	15.07	3.36	0.14
8:37:45	15.06	3.37	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:37:55	15.00	3.41	0.14
8:38:05	14.94	3.46	0.14
8:38:15	14.90	3.50	0.14
8:38:25	14.90	3.51	0.14
8:38:35	14.95	3.50	0.14
8:38:45	15.03	3.48	0.13
8:38:55	15.11	3.46	0.14
8:39:05	15.20	3.41	0.14
8:39:15	15.29	3.37	0.14
8:39:25	15.37	3.33	0.14
8:39:35	15.46	3.29	0.14
8:39:45	15.51	3.27	0.14
8:39:55	15.52	3.27	0.15
8:40:05	15.53	3.26	0.15
8:40:15	15.53	3.27	0.14
8:40:25	15.55	3.26	0.15
8:40:35	15.49	3.31	0.14
8:40:45	15.44	3.33	0.14
8:40:55	15.38	3.38	0.14
8:41:05	15.35	3.40	0.14
8:41:15	15.34	3.40	0.15
8:41:25	15.33	3.40	0.15
8:41:35	15.33	3.41	0.15
8:41:45	15.31	3.42	0.16
8:41:55	15.26	3.45	0.15
8:42:05	15.18	3.51	0.15
8:42:15	15.11	3.55	0.16
8:42:25	14.98	3.64	0.16
8:42:35	14.66	3.88	0.14
8:42:45	14.19	4.14	0.13
8:42:55	13.83	4.35	0.13
8:43:05	13.59	4.50	0.13
8:43:15	13.36	4.66	0.13
8:43:25	13.17	4.79	0.13
8:43:35	13.00	4.90	0.12
8:43:45	12.90	4.97	0.13
8:43:55	12.83	5.02	0.13
8:44:05	13.79	4.19	0.20
8:44:15	14.77	3.86	0.22
8:44:25	14.07	4.34	0.19
8:44:35	13.63	4.61	0.15
8:44:45	13.28	4.80	0.14
8:44:55	13.23	4.81	0.14
8:45:05	13.32	4.75	0.14
8:45:15	13.42	4.69	0.15
8:45:25	13.51	4.64	0.13
8:45:35	13.59	4.59	0.12
8:45:45	13.66	4.55	0.12
8:45:55	13.70	4.53	0.12
8:46:05	13.72	4.47	0.15
8:46:15	14.37	4.07	0.17
8:46:25	14.32	4.17	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:46:35	14.40	4.14	0.15
8:46:45	14.23	4.24	0.14
8:46:55	14.20	4.25	0.14
8:47:05	14.21	4.24	0.13
8:47:15	14.22	4.24	0.14
8:47:25	14.22	4.23	0.14
8:47:35	14.25	4.22	0.13
8:47:45	14.23	4.23	0.13
8:47:55	14.24	4.23	0.14
8:48:05	14.17	4.22	0.14
8:48:15	14.24	4.19	0.14
8:48:25	14.27	4.19	0.14
8:48:35	14.29	4.18	0.13
8:48:45	14.32	4.16	0.14
8:48:55	14.35	4.16	0.13
8:49:05	14.39	4.13	0.14
8:49:15	14.42	4.12	0.13
8:49:25	14.45	4.09	0.13
8:49:35	14.51	4.06	0.14
8:49:45	14.53	4.06	0.14
8:49:55	14.52	4.06	0.14
8:50:05	14.51	4.06	0.13
8:50:15	14.50	4.07	0.13
8:50:25	14.48	4.08	0.14
8:50:35	14.47	4.09	0.15
8:50:45	14.44	4.11	0.15
8:50:55	14.42	4.12	0.15
8:51:05	14.40	4.13	0.14
8:51:15	14.39	4.13	0.14
8:51:25	14.41	4.13	0.14
8:51:35	14.43	4.11	0.14
8:51:45	14.47	4.09	0.14
8:51:55	14.48	4.09	0.14
8:52:05	14.50	4.07	0.14
8:52:15	14.52	4.07	0.13
8:52:25	14.53	4.06	0.13
8:52:35	14.53	4.06	0.13
8:52:45	14.55	4.05	0.13
8:52:55	14.54	4.06	0.13
8:53:05	14.55	4.05	0.13
8:53:15	14.56	4.05	0.14
8:53:25	14.54	4.06	0.14
8:53:35	14.53	4.06	0.14
8:53:45	14.53	4.06	0.14
8:53:55	14.53	4.06	0.14
8:54:05	14.52	4.06	0.14
8:54:15	14.52	4.06	0.14
8:54:25	14.51	4.07	0.14
8:54:35	14.50	4.07	0.14
8:54:45	14.49	4.08	0.14
8:54:55	14.50	4.08	0.14
8:55:05	14.49	4.09	0.13



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
8:55:15	14.46	4.11	0.13
8:55:25	14.44	4.12	0.14
8:55:35	14.43	4.13	0.14
8:55:45	14.42	4.13	0.14
8:55:55	14.40	4.15	0.13
8:56:05	14.41	4.14	0.13
8:56:15	14.42	4.14	0.13
8:56:25	14.44	4.13	0.13
8:56:35	14.45	4.12	0.13
8:56:45	14.45	4.13	0.14
8:56:55	14.44	4.13	0.14
8:57:05	14.43	4.14	0.15
8:57:15	14.44	4.13	0.15
8:57:25	14.44	4.13	0.15
8:57:35	14.42	4.15	0.14
8:57:45	14.40	4.17	0.14
8:57:55	14.39	4.16	0.14
8:58:05	14.40	4.16	0.14
8:58:15	14.41	4.15	0.13
8:58:25	14.42	4.15	0.14
8:58:35	14.42	4.15	0.14
8:58:45	14.42	4.14	0.14
8:58:55	14.43	4.14	0.14
8:59:05	14.43	4.14	0.14
8:59:15	14.44	4.14	0.14
8:59:25	14.44	4.13	0.15
8:59:35	14.45	4.13	0.14
8:59:45	14.43	4.14	0.13
8:59:55	14.42	4.14	0.12
9:00:05	14.41	4.15	0.14
9:00:15	14.41	4.15	0.14
9:00:25	14.41	4.15	0.13
9:00:35	14.41	4.15	0.14
9:00:45	14.41	4.16	0.15
9:00:55	14.40	4.16	0.15
9:01:05	14.41	4.16	0.14
9:01:15	14.41	4.15	0.14
9:01:25	14.42	4.15	0.13
9:01:35	14.42	4.15	0.14
9:01:45	14.42	4.15	0.14
9:01:55	14.42	4.14	0.14
9:02:05	14.42	4.14	0.14
9:02:15	14.44	4.13	0.13
9:02:25	14.43	4.13	0.13
9:02:35	14.44	4.13	0.13
9:02:45	14.43	4.14	0.13
9:02:55	14.43	4.14	0.14
9:03:05	14.42	4.14	0.13
9:03:15	14.42	4.15	0.13
9:03:25	14.41	4.15	0.13
9:03:35	14.41	4.16	0.14
9:03:45	14.41	4.16	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:03:55	14.41	4.16	0.13
9:04:05	14.40	4.16	0.13
9:04:15	14.41	4.16	0.13
9:04:25	14.40	4.16	0.14
9:04:35	14.40	4.17	0.13
9:04:45	14.39	4.17	0.13
9:04:55	14.39	4.17	0.13
9:05:05	14.39	4.17	0.13
9:05:15	14.40	4.17	0.14
9:05:25	14.39	4.17	0.14
9:05:35	14.40	4.17	0.14
9:05:45	14.40	4.17	0.14
9:05:55	14.39	4.18	0.14
9:06:05	14.41	4.17	0.13
9:06:15	14.41	4.17	0.14
9:06:25	14.40	4.17	0.14
9:06:35	14.41	4.17	0.14
9:06:45	14.41	4.15	0.15
9:06:55	14.40	4.16	0.14
9:07:05	14.41	4.16	0.15
9:07:15	14.40	4.16	0.15
9:07:25	14.41	4.16	0.13
9:07:35	14.40	4.16	0.13
9:07:45	14.39	4.17	0.14
9:07:55	14.38	4.18	0.14
9:08:05	14.39	4.17	0.14
9:08:15	14.39	4.17	0.13
9:08:25	14.37	4.18	0.14
9:08:35	14.38	4.18	0.13
9:08:45	14.39	4.17	0.14
9:08:55	14.40	4.17	0.15
9:09:05	14.41	4.16	0.14
9:09:15	14.42	4.16	0.13
9:09:25	14.46	4.13	0.13
9:09:35	14.60	4.05	0.13
9:09:45	14.75	3.98	0.13
9:09:55	14.88	3.91	0.14
9:10:05	15.02	3.84	0.14
9:10:15	15.14	3.78	0.14
9:10:25	15.23	3.73	0.13
9:10:35	15.30	3.69	0.13
9:10:45	15.34	3.67	0.13
9:10:55	15.35	3.67	0.13
9:11:05	15.38	3.66	0.13
9:11:15	15.37	3.66	0.13
9:11:25	15.37	3.66	0.13
9:11:35	15.31	3.71	0.13
9:11:45	15.17	3.79	0.12
9:11:55	15.00	3.88	0.11
9:12:05	14.87	3.95	0.11
9:12:15	14.75	4.01	0.11
9:12:25	14.63	4.08	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:12:35	14.54	4.12	0.11
9:12:45	14.50	4.14	0.12
9:12:55	14.45	4.18	0.12
9:13:05	14.43	4.18	0.13
9:13:15	14.44	4.18	0.13
9:13:25	14.47	4.16	0.13
9:13:35	14.58	4.10	0.13
9:13:45	14.73	4.02	0.13
9:13:55	14.88	3.94	0.11
9:14:05	15.00	3.89	0.13
9:14:15	15.10	3.83	0.13
9:14:25	15.17	3.80	0.13
9:14:35	15.21	3.78	0.13
9:14:45	15.20	3.80	0.12
9:14:55	15.08	3.87	0.12
9:15:05	14.96	3.93	0.12
9:15:15	14.80	4.01	0.12
9:15:25	14.64	4.09	0.12
9:15:35	14.51	4.17	0.12
9:15:45	14.40	4.22	0.12
9:15:55	14.31	4.27	0.11
9:16:05	14.23	4.31	0.10
9:16:15	14.17	4.33	0.10
9:16:25	14.12	4.35	0.11
9:16:35	14.09	4.37	0.11
9:16:45	14.04	4.39	0.10
9:16:55	14.00	4.41	0.11
9:17:05	13.97	4.42	0.10
9:17:15	13.95	4.43	0.11
9:17:25	13.91	4.46	0.11
9:17:35	13.89	4.47	0.11
9:17:45	13.86	4.48	0.11
9:17:55	13.83	4.50	0.10
9:18:05	13.84	4.49	0.11
9:18:15	13.84	4.49	0.10
9:18:25	13.81	4.51	0.11
9:18:35	13.80	4.52	0.12
9:18:45	13.82	4.51	0.12
9:18:55	13.82	4.51	0.12
9:19:05	13.82	4.50	0.12
9:19:15	13.88	4.53	0.12
9:19:25	13.82	4.51	0.10
9:19:35	13.85	4.45	0.11
9:19:45	13.85	4.47	0.12
9:19:55	13.81	4.50	0.11
9:20:05	13.82	4.50	0.11
9:20:15	13.78	4.53	0.12
9:20:25	13.82	4.50	0.12
9:20:35	13.77	4.57	0.12
9:20:45	13.71	4.63	0.12
9:20:55	13.67	4.63	0.13
9:21:05	13.71	4.64	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:21:15	13.78	4.58	0.12
9:21:25	13.84	4.54	0.12
9:21:35	13.93	4.48	0.13
9:21:45	14.01	4.41	0.12
9:21:55	14.11	4.36	0.12
9:22:05	14.19	4.29	0.11
9:22:15	14.33	4.21	0.10
9:22:25	14.43	4.15	0.11
9:22:35	14.42	4.17	0.10
9:22:45	14.33	4.23	0.11
9:22:55	14.33	4.22	0.11
9:23:05	14.40	4.17	0.10
9:23:15	14.53	4.08	0.10
9:23:25	14.65	3.99	0.10
9:23:35	14.75	3.92	0.10
9:23:45	14.85	3.85	0.10
9:23:55	14.94	3.79	0.10
9:24:05	14.98	3.76	0.10
9:24:15	15.03	3.72	0.10
9:24:25	15.08	3.69	0.10
9:24:35	15.08	3.69	0.10
9:24:45	15.06	3.70	0.10
9:24:55	15.03	3.71	0.10
9:25:05	15.03	3.70	0.09
9:25:15	15.05	3.70	0.10
9:25:25	15.04	3.70	0.09
9:25:35	14.97	3.76	0.11
9:25:45	14.87	3.83	0.11
9:25:55	14.82	3.86	0.12
9:26:05	14.82	3.86	0.12
9:26:15	14.88	3.81	0.13
9:26:25	14.91	3.79	0.15
9:26:35	14.97	3.74	0.17
9:26:45	15.03	3.71	0.15
9:26:55	15.07	3.68	0.13
9:27:05	15.12	3.64	0.14
9:27:15	15.16	3.62	0.14
9:27:25	15.17	3.61	0.13
9:27:35	15.16	3.61	0.12
9:27:45	15.16	3.61	0.12
9:27:55	15.15	3.62	0.12
9:28:05	15.15	3.61	0.13
9:28:15	15.14	3.62	0.12
9:28:25	15.13	3.62	0.13
9:28:35	15.10	3.65	0.12
9:28:45	15.11	3.64	0.12
9:28:55	15.10	3.65	0.11
9:29:05	15.09	3.67	0.11
9:29:15	15.03	3.69	0.11
9:29:25	14.96	3.74	0.11
9:29:35	14.94	3.75	0.12
9:29:45	14.93	3.76	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:29:55	14.94	3.75	0.13
9:30:05	14.99	3.71	0.11
9:30:15	15.05	3.67	0.11
9:30:25	15.11	3.63	0.13
9:30:35	15.18	3.58	0.12
9:30:45	15.24	3.53	0.12
9:30:55	15.28	3.51	0.12
9:31:05	15.30	3.49	0.13
9:31:15	15.31	3.48	0.12
9:31:25	15.32	3.47	0.12
9:31:35	15.33	3.47	0.13
9:31:45	15.36	3.44	0.13
9:31:55	15.38	3.42	0.13
9:32:05	15.37	3.42	0.13
9:32:15	15.37	3.42	0.11
9:32:25	15.38	3.42	0.11
9:32:35	15.37	3.42	0.11
9:32:45	15.38	3.42	0.12
9:32:55	15.37	3.43	0.11
9:33:05	15.32	3.46	0.10
9:33:15	15.30	3.48	0.11
9:33:25	15.24	3.52	0.11
9:33:35	15.16	3.59	0.12
9:33:45	15.08	3.64	0.11
9:33:55	15.01	3.69	0.12
9:34:05	14.94	3.75	0.11
9:34:15	14.90	3.78	0.11
9:34:25	14.85	3.82	0.11
9:34:35	14.79	3.86	0.10
9:34:45	14.75	3.88	0.11
9:34:55	14.71	3.91	0.11
9:35:05	14.69	3.93	0.11
9:35:15	14.66	3.95	0.12
9:35:25	14.65	3.96	0.12
9:35:35	14.64	3.97	0.12
9:35:45	14.64	3.97	0.12
9:35:55	14.63	3.98	0.12
9:36:05	14.63	3.98	0.11
9:36:15	14.63	3.98	0.11
9:36:25	14.62	3.98	0.10
9:36:35	14.64	3.97	0.11
9:36:45	14.66	3.96	0.10
9:36:55	14.66	3.96	0.10
9:37:05	14.68	3.95	0.11
9:37:15	14.68	3.96	0.12
9:37:25	14.67	3.96	0.11
9:37:35	14.69	3.95	0.12
9:37:45	14.70	3.95	0.11
9:37:55	14.69	3.96	0.11
9:38:05	14.69	3.96	0.10
9:38:15	14.70	3.95	0.11
9:38:25	14.70	3.95	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:38:35	14.71	3.95	0.11
9:38:45	14.69	3.96	0.11
9:38:55	14.70	3.95	0.12
9:39:05	14.69	3.96	0.12
9:39:15	14.71	3.94	0.11
9:39:25	14.72	3.93	0.12
9:39:35	14.76	3.91	0.12
9:39:45	14.80	3.88	0.12
9:39:55	14.82	3.87	0.10
9:40:05	14.85	3.84	0.10
9:40:15	14.90	3.81	0.11
9:40:25	14.91	3.79	0.13
9:40:35	14.94	3.78	0.12
9:40:45	14.96	3.77	0.13
9:40:55	14.98	3.75	0.13
9:41:05	14.98	3.75	0.12
9:41:15	14.98	3.75	0.13
9:41:25	14.98	3.75	0.13
9:41:35	14.97	3.75	0.12
9:41:45	14.97	3.75	0.12
9:41:55	14.97	3.75	0.12
9:42:05	14.96	3.75	0.12
9:42:15	14.95	3.76	0.12
9:42:25	14.95	3.76	0.12
9:42:35	14.92	3.78	0.11
9:42:45	14.87	3.80	0.12
9:42:55	14.82	3.84	0.12
9:43:05	14.79	3.86	0.12
9:43:15	14.66	3.96	0.12
9:43:25	14.50	4.08	0.13
9:43:35	14.25	4.25	0.13
9:43:45	14.08	4.34	0.13
9:43:55	14.07	4.34	0.13
9:44:05	14.17	4.27	0.13
9:44:15	14.30	4.19	0.13
9:44:25	14.42	4.11	0.13
9:44:35	14.52	4.05	0.12
9:44:45	14.60	4.00	0.12
9:44:55	14.67	3.94	0.13
9:45:05	14.75	3.90	0.13
9:45:15	14.80	3.87	0.13
9:45:25	14.82	3.85	0.13
9:45:35	14.84	3.84	0.13
9:45:45	14.87	3.82	0.12
9:45:55	14.87	3.82	0.13
9:46:05	14.87	3.82	0.12
9:46:15	14.90	3.80	0.13
9:46:25	14.90	3.80	0.13
9:46:35	14.90	3.80	0.12
9:46:45	14.91	3.79	0.13
9:46:55	14.91	3.79	0.12
9:47:05	14.91	3.79	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:47:15	14.89	3.81	0.13
9:47:25	14.90	3.79	0.12
9:47:35	14.91	3.79	0.13
9:47:45	14.90	3.79	0.12
9:47:55	14.91	3.79	0.12
9:48:05	14.91	3.79	0.12
9:48:15	14.90	3.80	0.12
9:48:25	14.90	3.80	0.12
9:48:35	14.90	3.80	0.12
9:48:45	14.89	3.80	0.13
9:48:55	14.89	3.81	0.13
9:49:05	14.86	3.82	0.13
9:49:15	14.87	3.82	0.12
9:49:25	14.89	3.80	0.12
9:49:35	14.88	3.81	0.12
9:49:45	14.86	3.82	0.13
9:49:55	14.88	3.81	0.12
9:50:05	14.88	3.82	0.13
9:50:15	14.89	3.80	0.12
9:50:25	14.89	3.81	0.13
9:50:35	14.87	3.82	0.12
9:50:45	14.84	3.84	0.12
9:50:55	14.81	3.86	0.13
9:51:05	14.77	3.89	0.14
9:51:15	14.75	3.91	0.14
9:51:25	14.73	3.91	0.14
9:51:35	14.76	3.89	0.13
9:51:45	14.76	3.89	0.12
9:51:55	14.78	3.87	0.12
9:52:05	14.82	3.85	0.13
9:52:15	14.83	3.84	0.11
9:52:25	14.82	3.85	0.11
9:52:35	14.79	3.87	0.14
9:52:45	14.73	3.91	0.13
9:52:55	14.58	4.02	0.12
9:53:05	14.32	4.20	0.13
9:53:15	13.94	4.48	0.13
9:53:25	13.56	4.76	0.14
9:53:35	13.37	4.87	0.14
9:53:45	13.44	4.80	0.15
9:53:55	13.63	4.68	0.18
9:54:05	13.82	4.54	0.18
9:54:15	13.96	4.44	0.19
9:54:25	14.09	4.36	0.19
9:54:35	14.16	4.31	0.19
9:54:45	14.24	4.26	0.20
9:54:55	14.29	4.23	0.20
9:55:05	14.33	4.20	0.20
9:55:15	14.32	4.20	0.20
9:55:25	14.27	4.24	0.19
9:55:35	14.26	4.23	0.18
9:55:45	14.25	4.23	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
9:55:55	14.19	4.28	0.18
9:56:05	13.92	4.49	0.19
9:56:15	13.64	4.68	0.17
9:56:25	13.48	4.79	0.17
9:56:35	13.37	4.87	0.16
9:56:45	13.31	4.91	0.15
9:56:55	13.27	4.93	0.14
9:57:05	13.31	4.92	0.14
9:57:15	13.31	4.91	0.13
9:57:25	13.41	4.85	0.12
9:57:35	13.52	4.77	0.13
9:57:45	13.75	4.60	0.14
9:57:55	14.05	4.39	0.15
9:58:05	14.30	4.24	0.17
9:58:15	14.49	4.12	0.16
9:58:25	14.62	4.03	0.16
9:58:35	14.72	3.96	0.16
9:58:45	14.80	3.90	0.14
9:58:55	14.84	3.87	0.13
9:59:05	14.87	3.84	0.12
9:59:15	14.90	3.82	0.12
9:59:25	14.92	3.80	0.12
9:59:35	14.93	3.79	0.12
9:59:45	14.95	3.77	0.13
9:59:55	14.95	3.76	0.13
10:00:05	14.96	3.75	0.12
10:00:15	14.96	3.75	0.11
10:00:25	14.98	3.74	0.12
10:00:35	15.00	3.73	0.11
10:00:45	15.00	3.72	0.11
10:00:55	15.02	3.71	0.10
10:01:05	15.02	3.71	0.10
10:01:15	15.03	3.71	0.10
10:01:25	15.03	3.71	0.10
10:01:35	15.05	3.70	0.10
10:01:45	15.07	3.69	0.10
10:01:55	15.07	3.69	0.10
10:02:05	15.07	3.69	0.10
10:02:15	15.08	3.68	0.10
10:02:25	15.07	3.68	0.10
10:02:35	15.08	3.67	0.10
10:02:45	15.08	3.66	0.10
10:02:55	15.08	3.67	0.10
10:03:05	15.09	3.66	0.10
10:03:15	15.09	3.66	0.11
10:03:25	15.11	3.65	0.10
10:03:35	15.10	3.65	0.10
10:03:45	15.10	3.65	0.10
10:03:55	15.09	3.66	0.10
10:04:05	15.08	3.67	0.10
10:04:15	15.06	3.69	0.10
10:04:25	15.02	3.72	0.10



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:04:35	14.97	3.75	0.11
10:04:45	14.92	3.79	0.11
10:04:55	14.89	3.82	0.11
10:05:05	14.85	3.84	0.11
10:05:15	14.82	3.86	0.11
10:05:25	14.80	3.89	0.11
10:05:35	14.78	3.91	0.11
10:05:45	14.78	3.91	0.10
10:05:55	14.76	3.92	0.11
10:06:05	14.77	3.92	0.12
10:06:15	14.78	3.92	0.12
10:06:25	14.77	3.92	0.11
10:06:35	14.76	3.92	0.12
10:06:45	14.77	3.92	0.12
10:06:55	14.76	3.92	0.13
10:07:05	14.76	3.92	0.12
10:07:15	14.80	3.89	0.11
10:07:25	14.81	3.89	0.12
10:07:35	14.81	3.89	0.11
10:07:45	14.82	3.88	0.10
10:07:55	14.82	3.88	0.12
10:08:05	14.82	3.88	0.12
10:08:15	14.80	3.90	0.11
10:08:25	14.77	3.93	0.11
10:08:35	14.76	3.93	0.11
10:08:45	14.73	3.96	0.10
10:08:55	14.70	3.97	0.11
10:09:05	14.68	3.99	0.11
10:09:15	14.66	4.00	0.12
10:09:25	14.65	4.01	0.11
10:09:35	14.65	4.01	0.10
10:09:45	14.65	4.01	0.10
10:09:55	14.66	4.00	0.11
10:10:05	14.64	4.01	0.12
10:10:15	14.65	4.01	0.12
10:10:25	14.66	4.00	0.11
10:10:35	14.66	4.00	0.11
10:10:45	14.67	3.99	0.11
10:10:55	14.68	3.98	0.11
10:11:05	14.70	3.97	0.11
10:11:15	14.70	3.97	0.11
10:11:25	14.70	3.98	0.11
10:11:35	14.71	3.97	0.12
10:11:45	14.72	3.96	0.12
10:11:55	14.71	3.97	0.12
10:12:05	14.71	3.97	0.11
10:12:15	14.70	3.97	0.12
10:12:25	14.68	3.98	0.12
10:12:35	14.66	3.99	0.11
10:12:45	14.61	4.03	0.10
10:12:55	14.56	4.06	0.10
10:13:05	14.50	4.10	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:13:15	14.41	4.16	0.10
10:13:25	14.31	4.22	0.11
10:13:35	14.20	4.28	0.12
10:13:45	14.15	4.31	0.13
10:13:55	14.13	4.32	0.13
10:14:05	14.14	4.32	0.12
10:14:15	14.16	4.30	0.12
10:14:25	14.16	4.31	0.12
10:14:35	14.14	4.31	0.13
10:14:45	14.14	4.31	0.13
10:14:55	14.13	4.31	0.13
10:15:05	14.12	4.31	0.12
10:15:15	14.11	4.32	0.13
10:15:25	14.11	4.32	0.13
10:15:35	14.09	4.32	0.14
10:15:45	14.12	4.31	0.13
10:15:55	14.12	4.30	0.13
10:16:05	14.15	4.29	0.14
10:16:15	14.15	4.28	0.14
10:16:25	14.15	4.28	0.14
10:16:35	14.15	4.28	0.14
10:16:45	14.12	4.30	0.14
10:16:55	14.13	4.29	0.14
10:17:05	14.13	4.29	0.14
10:17:15	14.13	4.28	0.14
10:17:25	14.15	4.27	0.14
10:17:35	14.14	4.28	0.13
10:17:45	14.14	4.27	0.13
10:17:55	14.13	4.29	0.12
10:18:05	14.12	4.29	0.12
10:18:15	14.09	4.31	0.12
10:18:25	14.07	4.33	0.12
10:18:35	14.00	4.37	0.12
10:18:45	13.94	4.41	0.12
10:18:55	13.88	4.46	0.10
10:19:05	13.83	4.49	0.11
10:19:15	13.75	4.55	0.12
10:19:25	13.69	4.59	0.10
10:19:35	13.64	4.63	0.10
10:19:45	13.59	4.66	0.10
10:19:55	13.54	4.70	0.10
10:20:05	13.52	4.70	0.11
10:20:15	13.50	4.72	0.11
10:20:25	13.47	4.74	0.10
10:20:35	13.47	4.75	0.10
10:20:45	13.45	4.76	0.09
10:20:55	13.45	4.77	0.10
10:21:05	13.44	4.77	0.09
10:21:15	13.44	4.78	0.09
10:21:25	13.44	4.78	0.10
10:21:35	13.43	4.78	0.10
10:21:45	13.43	4.78	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:21:55	13.45	4.77	0.10
10:22:05	13.44	4.77	0.10
10:22:15	13.46	4.75	0.10
10:22:25	13.48	4.74	0.10
10:22:35	13.49	4.74	0.09
10:22:45	13.50	4.74	0.10
10:22:55	13.50	4.73	0.10
10:23:05	13.50	4.74	0.10
10:23:15	13.50	4.74	0.10
10:23:25	13.50	4.73	0.10
10:23:35	13.51	4.73	0.10
10:23:45	13.52	4.72	0.10
10:23:55	13.51	4.73	0.10
10:24:05	13.51	4.72	0.10
10:24:15	13.53	4.71	0.10
10:24:25	13.52	4.72	0.10
10:24:35	13.53	4.70	0.10
10:24:45	13.53	4.71	0.11
10:24:55	13.53	4.70	0.11
10:25:05	13.53	4.69	0.12
10:25:15	13.55	4.69	0.11
10:25:25	13.53	4.70	0.10
10:25:35	13.53	4.70	0.10
10:25:45	13.52	4.71	0.11
10:25:55	13.52	4.70	0.11
10:26:05	13.52	4.71	0.11
10:26:15	13.53	4.70	0.11
10:26:25	13.52	4.71	0.11
10:26:35	13.53	4.70	0.10
10:26:45	13.53	4.70	0.11
10:26:55	13.52	4.70	0.11
10:27:05	13.53	4.70	0.10
10:27:15	13.53	4.70	0.10
10:27:25	13.55	4.69	0.10
10:27:35	13.55	4.69	0.10
10:27:45	13.55	4.69	0.10
10:27:55	13.54	4.70	0.10
10:28:05	13.51	4.72	0.10
10:28:15	13.49	4.74	0.09
10:28:25	13.47	4.74	0.09
10:28:35	13.45	4.76	0.10
10:28:45	13.42	4.77	0.08
10:28:55	13.42	4.77	0.09
10:29:05	13.40	4.79	0.09
10:29:15	13.43	4.77	0.09
10:29:25	13.43	4.77	0.09
10:29:35	13.43	4.76	0.10
10:29:45	13.43	4.76	0.09
10:29:55	13.43	4.75	0.09
10:30:05	13.42	4.76	0.10
10:30:15	13.42	4.76	0.10
10:30:25	13.42	4.77	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:30:35	13.42	4.77	0.09
10:30:45	13.43	4.77	0.10
10:30:55	13.42	4.78	0.10
10:31:05	13.43	4.78	0.09
10:31:15	13.43	4.77	0.10
10:31:25	13.44	4.77	0.10
10:31:35	13.44	4.77	0.10
10:31:45	13.43	4.78	0.09
10:31:55	13.43	4.78	0.09
10:32:05	13.43	4.78	0.10
10:32:15	13.44	4.77	0.10
10:32:25	13.44	4.78	0.09
10:32:35	13.43	4.78	0.10
10:32:45	13.43	4.78	0.10
10:32:55	13.43	4.79	0.10
10:33:05	13.42	4.79	0.10
10:33:15	13.42	4.80	0.10
10:33:25	13.40	4.81	0.09
10:33:35	13.40	4.81	0.09
10:33:45	13.39	4.82	0.09
10:33:55	13.37	4.83	0.08
10:34:05	13.36	4.83	0.08
10:34:15	13.33	4.84	0.09
10:34:25	13.34	4.84	0.09
10:34:35	13.33	4.85	0.10
10:34:45	13.33	4.85	0.08
10:34:55	13.33	4.85	0.09
10:35:05	13.34	4.84	0.10
10:35:15	13.34	4.85	0.10
10:35:25	13.33	4.86	0.10
10:35:35	13.33	4.85	0.10
10:35:45	13.34	4.85	0.10
10:35:55	13.36	4.84	0.10
10:36:05	13.36	4.85	0.10
10:36:15	13.36	4.84	0.10
10:36:25	13.36	4.85	0.10
10:36:35	13.35	4.85	0.10
10:36:45	13.35	4.84	0.10
10:36:55	13.37	4.82	0.11
10:37:05	13.35	4.84	0.11
10:37:15	13.37	4.83	0.10
10:37:25	13.37	4.82	0.10
10:37:35	13.37	4.83	0.10
10:37:45	13.35	4.83	0.10
10:37:55	13.35	4.84	0.09
10:38:05	13.36	4.83	0.10
10:38:15	13.38	4.81	0.10
10:38:25	13.39	4.81	0.10
10:38:35	13.37	4.82	0.11
10:38:45	13.37	4.82	0.10
10:38:55	13.38	4.81	0.10
10:39:05	13.37	4.82	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:39:15	13.36	4.83	0.10
10:39:25	13.37	4.81	0.10
10:39:35	13.39	4.80	0.10
10:39:45	13.38	4.81	0.09
10:39:55	13.36	4.82	0.09
10:40:05	13.37	4.81	0.10
10:40:15	13.39	4.81	0.10
10:40:25	13.38	4.82	0.10
10:40:35	13.39	4.80	0.10
10:40:45	13.40	4.80	0.10
10:40:55	13.41	4.79	0.11
10:41:05	13.42	4.78	0.10
10:41:15	13.41	4.79	0.10
10:41:25	13.43	4.78	0.10
10:41:35	13.45	4.77	0.11
10:41:45	13.46	4.76	0.10
10:41:55	13.46	4.77	0.10
10:42:05	13.46	4.77	0.10
10:42:15	13.47	4.76	0.10
10:42:25	13.49	4.75	0.10
10:42:35	13.47	4.76	0.10
10:42:45	13.47	4.77	0.10
10:42:55	13.47	4.76	0.10
10:43:05	13.45	4.77	0.11
10:43:15	13.45	4.77	0.10
10:43:25	13.46	4.76	0.10
10:43:35	13.45	4.77	0.10
10:43:45	13.45	4.77	0.10
10:43:55	13.45	4.77	0.10
10:44:05	13.46	4.77	0.10
10:44:15	13.45	4.77	0.10
10:44:25	13.44	4.78	0.10
10:44:35	13.44	4.78	0.11
10:44:45	13.44	4.77	0.11
10:44:55	13.44	4.78	0.11
10:45:05	13.45	4.77	0.10
10:45:15	13.44	4.77	0.10
10:45:25	13.44	4.77	0.10
10:45:35	13.44	4.77	0.10
10:45:45	13.44	4.77	0.11
10:45:55	13.43	4.78	0.12
10:46:05	13.44	4.77	0.10
10:46:15	13.43	4.78	0.11
10:46:25	13.40	4.80	0.12
10:46:35	13.34	4.84	0.13
10:46:45	13.34	4.84	0.11
10:46:55	13.34	4.84	0.10
10:47:05	13.40	4.79	0.09
10:47:15	13.50	4.73	0.11
10:47:25	13.64	4.65	0.11
10:47:35	13.69	4.63	0.11
10:47:45	13.66	4.66	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:47:55	13.57	4.72	0.11
10:48:05	13.44	4.80	0.11
10:48:15	13.37	4.84	0.11
10:48:25	13.32	4.87	0.11
10:48:35	13.37	4.83	0.11
10:48:45	13.44	4.78	0.11
10:48:55	13.55	4.71	0.11
10:49:05	13.60	4.68	0.11
10:49:15	13.55	4.72	0.12
10:49:25	13.49	4.77	0.13
10:49:35	13.39	4.83	0.11
10:49:45	13.34	4.86	0.10
10:49:55	13.30	4.87	0.10
10:50:05	13.34	4.84	0.10
10:50:15	13.44	4.77	0.10
10:50:25	13.55	4.70	0.10
10:50:35	13.57	4.71	0.11
10:50:45	13.53	4.74	0.11
10:50:55	13.44	4.81	0.10
10:51:05	13.35	4.86	0.09
10:51:15	13.33	4.87	0.08
10:51:25	13.34	4.85	0.08
10:51:35	13.39	4.81	0.07
10:51:45	13.49	4.74	0.07
10:51:55	13.56	4.70	0.07
10:52:05	13.53	4.75	0.07
10:52:15	13.41	4.82	0.07
10:52:25	13.29	4.91	0.07
10:52:35	13.23	4.93	0.08
10:52:45	13.20	4.95	0.08
10:52:55	13.24	4.91	0.08
10:53:05	13.33	4.85	0.08
10:53:15	13.46	4.76	0.08
10:53:25	13.53	4.73	0.08
10:53:35	13.49	4.77	0.09
10:53:45	13.42	4.82	0.08
10:53:55	13.30	4.88	0.08
10:54:05	13.27	4.90	0.07
10:54:15	13.24	4.91	0.07
10:54:25	13.31	4.86	0.07
10:54:35	13.40	4.80	0.07
10:54:45	13.52	4.72	0.07
10:54:55	13.57	4.70	0.07
10:55:05	13.53	4.74	0.09
10:55:15	13.48	4.77	0.09
10:55:25	13.41	4.81	0.10
10:55:35	13.47	4.76	0.10
10:55:45	13.62	4.66	0.09
10:55:55	13.85	4.53	0.10
10:56:05	14.09	4.38	0.10
10:56:15	14.26	4.30	0.09
10:56:25	14.29	4.30	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10:56:35	14.13	4.40	0.12
10:56:45	13.92	4.53	0.11
10:56:55	13.67	4.68	0.10
10:57:05	13.50	4.77	0.10
10:57:15	13.39	4.82	0.10
10:57:25	13.40	4.81	0.10
10:57:35	13.44	4.78	0.09
10:57:45	13.50	4.74	0.09
10:57:55	13.47	4.78	0.09
10:58:05	13.38	4.84	0.07
10:58:15	13.29	4.90	0.10
10:58:25	13.19	4.95	0.10
10:58:35	13.16	4.97	0.10
10:58:45	13.18	4.94	0.09
10:58:55	13.27	4.89	0.08
10:59:05	13.37	4.81	0.07
10:59:15	13.48	4.76	0.10
10:59:25	13.46	4.79	0.11
10:59:35	13.38	4.85	0.10
10:59:45	13.30	4.89	0.10
10:59:55	13.20	4.94	0.11
11:00:05	13.16	4.96	0.11
11:00:15	13.21	4.91	0.12
11:00:25	13.29	4.86	0.10
11:00:35	13.41	4.78	0.11
11:00:45	13.49	4.75	0.10
11:00:55	13.46	4.79	0.12
11:01:05	13.37	4.85	0.13
11:01:15	13.27	4.91	0.12
11:01:25	13.22	4.94	0.12
11:01:35	13.18	4.95	0.10
11:01:45	13.25	4.89	0.11
11:01:55	13.34	4.84	0.11
11:02:05	13.45	4.77	0.11
11:02:15	13.50	4.75	0.11
11:02:25	13.44	4.80	0.10
11:02:35	13.35	4.86	0.11
11:02:45	13.26	4.92	0.11
11:02:55	13.19	4.94	0.11
11:03:05	13.17	4.95	0.11
11:03:15	13.22	4.91	0.10
11:03:25	13.30	4.85	0.10
11:03:35	13.41	4.79	0.12
11:03:45	13.42	4.80	0.12
11:03:55	13.34	4.85	0.13
11:04:05	13.26	4.90	0.12
11:04:15	13.18	4.95	0.11
11:04:25	13.17	4.95	0.11
11:04:35	13.17	4.96	0.11
11:04:45	13.25	4.90	0.10
11:04:55	13.35	4.83	0.11
11:05:05	13.46	4.77	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:05:15	13.46	4.79	0.12
11:05:25	13.38	4.84	0.12
11:05:35	13.31	4.89	0.11
11:05:45	13.23	4.93	0.11
11:05:55	13.23	4.92	0.12
11:06:05	13.31	4.86	0.11
11:06:15	13.53	4.73	0.11
11:06:25	13.79	4.56	0.11
11:06:35	14.03	4.44	0.11
11:06:45	14.12	4.40	0.11
11:06:55	14.05	4.47	0.10
11:07:05	13.88	4.58	0.11
11:07:15	13.68	4.70	0.11
11:07:25	13.53	4.78	0.10
11:07:35	13.43	4.82	0.11
11:07:45	13.41	4.83	0.10
11:07:55	13.47	4.77	0.11
11:08:05	13.49	4.77	0.09
11:08:15	13.41	4.84	0.10
11:08:25	13.30	4.91	0.10
11:08:35	13.18	4.98	0.10
11:08:45	13.11	5.02	0.10
11:08:55	13.08	5.03	0.10
11:09:05	13.18	4.96	0.09
11:09:15	13.24	4.92	0.10
11:09:25	13.38	4.82	0.10
11:09:35	13.43	4.81	0.10
11:09:45	13.39	4.84	0.10
11:09:55	13.31	4.89	0.10
11:10:05	13.22	4.95	0.10
11:10:15	13.17	4.96	0.10
11:10:25	13.16	4.96	0.09
11:10:35	13.23	4.90	0.08
11:10:45	13.32	4.85	0.09
11:10:55	13.43	4.78	0.09
11:11:05	13.46	4.78	0.07
11:11:15	13.40	4.83	0.09
11:11:25	13.33	4.87	0.11
11:11:35	13.24	4.93	0.10
11:11:45	13.17	4.97	0.09
11:11:55	13.16	4.98	0.10
11:12:05	13.23	4.92	0.08
11:12:15	13.31	4.86	0.08
11:12:25	13.44	4.78	0.08
11:12:35	13.48	4.77	0.09
11:12:45	13.44	4.80	0.09
11:12:55	13.38	4.84	0.10
11:13:05	13.31	4.88	0.11
11:13:15	13.24	4.91	0.09
11:13:25	13.23	4.92	0.10
11:13:35	13.17	4.95	0.09
11:13:45	13.16	4.96	0.08



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
11:13:55	13.16	4.95	0.07
11:14:05	13.25	4.89	0.09
11:14:15	13.35	4.82	0.09
11:14:25	13.47	4.76	0.09
11:14:35	13.50	4.75	0.08
11:14:45	13.46	4.79	0.09
11:14:55	13.38	4.85	0.10
<b>Start Run 2A</b>			
11:15:05	13.32	4.88	0.10
11:15:15	13.26	4.91	0.10
11:15:25	13.23	4.92	0.10
11:15:35	13.20	4.94	0.10
11:15:45	13.21	4.95	0.10
11:15:55	13.18	4.96	0.10
11:16:05	13.19	4.96	0.10
11:16:15	13.17	4.97	0.09
11:16:25	13.17	4.97	0.09
11:16:35	13.17	4.96	0.09
11:16:45	13.18	4.95	0.09
11:16:55	13.17	4.96	0.08
11:17:05	13.17	4.96	0.09
11:17:15	13.12	4.98	0.09
11:17:25	13.15	4.97	0.08
11:17:35	13.18	4.94	0.08
11:17:45	13.25	4.90	0.08
11:17:55	13.34	4.83	0.09
11:18:05	13.46	4.76	0.07
11:18:15	13.50	4.75	0.08
11:18:25	13.45	4.79	0.10
11:18:35	13.38	4.85	0.10
11:18:45	13.30	4.89	0.10
11:18:55	13.26	4.90	0.09
11:19:05	13.25	4.90	0.10
11:19:15	13.31	4.86	0.10
11:19:25	13.39	4.80	0.09
11:19:35	13.52	4.72	0.09
11:19:45	13.54	4.72	0.10
11:19:55	13.47	4.77	0.09
11:20:05	13.39	4.83	0.10
11:20:15	13.28	4.89	0.08
11:20:25	13.27	4.89	0.09
11:20:35	13.28	4.88	0.09
11:20:45	13.32	4.85	0.09
11:20:55	13.42	4.78	0.09
11:21:05	13.51	4.73	0.08
11:21:15	13.49	4.76	0.09
11:21:25	13.45	4.79	0.10
11:21:35	13.37	4.85	0.10
11:21:45	13.30	4.87	0.09
11:21:55	13.30	4.87	0.08
11:22:05	13.33	4.84	0.09
11:22:15	13.39	4.80	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:22:25	13.50	4.73	0.09
11:22:35	13.56	4.69	0.10
11:22:45	13.53	4.72	0.09
11:22:55	13.46	4.77	0.10
11:23:05	13.36	4.84	0.09
11:23:15	13.28	4.88	0.08
11:23:25	13.27	4.88	0.09
11:23:35	13.33	4.83	0.08
11:23:45	13.40	4.79	0.08
11:23:55	13.51	4.71	0.09
11:24:05	13.56	4.70	0.09
11:24:15	13.52	4.74	0.09
11:24:25	13.46	4.78	0.09
11:24:35	13.38	4.83	0.08
11:24:45	13.35	4.84	0.08
11:24:55	13.34	4.84	0.07
11:25:05	13.41	4.78	0.07
11:25:15	13.50	4.71	0.09
11:25:25	13.63	4.63	0.08
11:25:35	13.69	4.60	0.08
11:25:45	13.63	4.65	0.08
11:25:55	13.57	4.69	0.09
11:26:05	13.48	4.74	0.09
11:26:15	13.46	4.75	0.08
11:26:25	13.18	4.93	0.07
11:26:35	13.19	4.91	0.07
11:26:45	13.27	4.85	0.07
11:26:55	13.32	4.84	0.06
11:27:05	13.24	4.92	0.06
11:27:15	13.08	5.01	0.07
11:27:25	12.92	5.11	0.06
11:27:35	12.82	5.16	0.06
11:27:45	12.73	5.21	0.07
11:27:55	14.08	4.25	0.11
11:28:05	14.12	4.39	0.11
11:28:15	13.66	4.63	0.10
11:28:25	13.32	4.90	0.08
11:28:35	13.05	5.05	0.07
11:28:45	12.98	5.09	0.07
11:28:55	12.94	5.13	0.07
11:29:05	12.89	5.16	0.06
11:29:15	12.87	5.16	0.06
11:29:25	12.91	5.13	0.07
11:29:35	13.01	5.05	0.07
11:29:45	13.09	5.01	0.08
11:29:55	13.52	4.66	0.11
11:30:05	13.71	4.66	0.10
11:30:15	13.47	4.79	0.10
11:30:25	13.23	4.99	0.08
11:30:35	13.08	5.05	0.07
11:30:45	13.09	5.02	0.07
11:30:55	13.22	4.93	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:31:05	13.36	4.84	0.09
11:31:15	13.47	4.78	0.08
11:31:25	13.44	4.81	0.08
11:31:35	13.35	4.88	0.08
11:31:45	13.18	4.98	0.09
11:31:55	13.14	4.96	0.07
11:32:05	13.12	4.99	0.07
11:32:15	13.08	5.02	0.07
11:32:25	13.16	4.99	0.07
11:32:35	13.27	4.91	0.07
11:32:45	13.38	4.85	0.07
11:32:55	13.40	4.86	0.06
11:33:05	13.34	4.89	0.07
11:33:15	13.28	4.94	0.07
11:33:25	13.21	4.98	0.07
11:33:35	13.16	5.01	0.06
11:33:45	13.16	5.00	0.07
11:33:55	13.25	4.94	0.08
11:34:05	13.35	4.86	0.09
11:34:15	13.46	4.80	0.09
11:34:25	13.47	4.81	0.09
11:34:35	13.39	4.87	0.07
11:34:45	13.30	4.93	0.08
11:34:55	13.19	4.99	0.07
11:35:05	13.15	5.02	0.07
11:35:15	13.19	4.97	0.07
11:35:25	13.27	4.92	0.08
11:35:35	13.41	4.83	0.09
11:35:45	13.49	4.79	0.11
11:35:55	13.47	4.82	0.11
11:36:05	13.40	4.87	0.09
11:36:15	13.31	4.93	0.09
11:36:25	13.25	4.96	0.09
11:36:35	13.23	4.98	0.08
11:36:45	13.27	4.93	0.09
11:36:55	13.36	4.88	0.10
11:37:05	13.48	4.80	0.10
11:37:15	13.53	4.78	0.10
11:37:25	13.48	4.83	0.10
11:37:35	13.40	4.88	0.10
11:37:45	13.31	4.94	0.10
11:37:55	13.24	4.97	0.10
11:38:05	13.21	4.98	0.10
11:38:15	13.25	4.94	0.08
11:38:25	13.33	4.89	0.09
11:38:35	13.45	4.82	0.09
11:38:45	13.51	4.80	0.10
11:38:55	13.42	4.86	0.09
11:39:05	13.35	4.91	0.09
11:39:15	13.24	4.98	0.10
11:39:25	13.21	4.98	0.09
11:39:35	13.20	4.99	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:39:45	13.27	4.93	0.10
11:39:55	13.33	4.89	0.10
11:40:05	13.46	4.81	0.10
11:40:15	13.48	4.80	0.10
11:40:25	13.42	4.85	0.10
11:40:35	13.36	4.90	0.10
11:40:45	13.27	4.94	0.09
11:40:55	13.25	4.94	0.10
11:41:05	13.22	4.95	0.10
11:41:15	13.30	4.90	0.10
11:41:25	13.40	4.83	0.10
11:41:35	13.50	4.78	0.10
11:41:45	13.51	4.78	0.10
11:41:55	13.43	4.85	0.10
11:42:05	13.35	4.90	0.10
11:42:15	13.26	4.94	0.09
11:42:25	13.22	4.97	0.10
11:42:35	13.23	4.95	0.10
11:42:45	13.31	4.89	0.10
11:42:55	13.42	4.82	0.09
11:43:05	13.50	4.78	0.09
11:43:15	13.48	4.81	0.09
11:43:25	13.42	4.84	0.10
11:43:35	13.38	4.87	0.09
11:43:45	13.35	4.88	0.09
11:43:55	13.31	4.90	0.10
11:44:05	13.28	4.92	0.10
11:44:15	13.25	4.93	0.10
11:44:25	13.24	4.93	0.10
11:44:35	13.22	4.95	0.08
11:44:45	13.22	4.94	0.09
11:44:55	13.25	4.92	0.10
11:45:05	13.35	4.85	0.10
11:45:15	13.48	4.77	0.10
11:45:25	13.57	4.72	0.08
11:45:35	13.59	4.73	0.08
11:45:45	13.54	4.77	0.09
11:45:55	13.46	4.82	0.09
11:46:05	13.41	4.84	0.10
11:46:15	13.39	4.85	0.10
11:46:25	13.37	4.86	0.09
11:46:35	13.35	4.87	0.10
11:46:45	13.32	4.90	0.10
11:46:55	13.28	4.92	0.10
11:47:05	13.24	4.95	0.10
11:47:15	13.21	4.96	0.09
11:47:25	13.22	4.96	0.09
11:47:35	13.27	4.91	0.08
11:47:45	13.36	4.85	0.08
11:47:55	13.50	4.76	0.10
11:48:05	13.59	4.71	0.10
11:48:15	13.58	4.74	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:48:25	13.50	4.79	0.10
11:48:35	13.40	4.86	0.10
11:48:45	13.32	4.90	0.09
11:48:55	13.29	4.92	0.09
11:49:05	13.32	4.89	0.08
11:49:15	13.40	4.83	0.09
11:49:25	13.53	4.74	0.10
11:49:35	13.62	4.70	0.10
11:49:45	13.55	4.76	0.10
11:49:55	13.43	4.84	0.09
11:50:05	13.33	4.90	0.08
11:50:15	13.26	4.94	0.07
11:50:25	13.22	4.95	0.07
11:50:35	13.25	4.92	0.06
11:50:45	13.33	4.88	0.07
11:50:55	13.45	4.79	0.07
11:51:05	13.53	4.75	0.07
11:51:15	13.52	4.77	0.08
11:51:25	13.45	4.82	0.08
11:51:35	13.34	4.90	0.08
11:51:45	13.28	4.91	0.08
11:51:55	13.25	4.94	0.08
11:52:05	13.27	4.91	0.09
11:52:15	13.35	4.85	0.07
11:52:25	13.47	4.77	0.09
11:52:35	13.54	4.74	0.08
11:52:45	13.52	4.77	0.08
11:52:55	13.42	4.84	0.09
11:53:05	13.33	4.90	0.08
11:53:15	13.25	4.94	0.08
11:53:25	13.21	4.96	0.07
11:53:35	13.25	4.91	0.07
11:53:45	13.32	4.87	0.07
11:53:55	13.44	4.79	0.07
11:54:05	13.51	4.76	0.08
11:54:15	13.48	4.79	0.08
11:54:25	13.42	4.84	0.07
11:54:35	13.29	4.92	0.08
11:54:45	13.23	4.95	0.07
11:54:55	13.20	4.97	0.07
11:55:05	13.25	4.92	0.07
11:55:15	13.33	4.87	0.08
11:55:25	13.44	4.79	0.08
11:55:35	13.51	4.75	0.08
11:55:45	13.46	4.80	0.09
11:55:55	13.37	4.86	0.08
11:56:05	13.28	4.92	0.08
11:56:15	13.20	4.96	0.07
11:56:25	13.16	4.98	0.06
11:56:35	13.18	4.96	0.07
11:56:45	13.23	4.92	0.07
11:56:55	13.33	4.85	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
11:57:05	13.33	4.88	0.09
11:57:15	13.27	4.93	0.10
11:57:25	13.17	4.99	0.10
11:57:35	13.06	5.06	0.09
11:57:45	13.00	5.09	0.08
11:57:55	12.97	5.11	0.08
11:58:05	13.08	5.03	0.07
11:58:15	13.18	4.97	0.09
11:58:25	13.28	4.91	0.09
11:58:35	13.29	4.92	0.09
11:58:45	13.23	4.97	0.09
11:58:55	13.13	5.03	0.08
11:59:05	13.02	5.10	0.08
11:59:15	12.98	5.12	0.09
11:59:25	12.98	5.11	0.08
11:59:35	13.05	5.06	0.09
11:59:45	13.14	5.00	0.09
11:59:55	13.24	4.94	0.09
12:00:05	13.22	4.98	0.09
12:00:15	13.17	5.02	0.08
12:00:25	13.11	5.05	0.08
12:00:35	13.05	5.09	0.08
12:00:45	13.03	5.09	0.07
12:00:55	13.06	5.06	0.06
12:01:05	13.17	5.00	0.06
12:01:15	13.28	4.91	0.07
12:01:25	13.36	4.87	0.07
12:01:35	13.32	4.91	0.07
12:01:45	13.24	4.97	0.07
12:01:55	13.14	5.04	0.07
12:02:05	13.06	5.07	0.06
12:02:15	13.04	5.09	0.06
12:02:25	13.07	5.05	0.06
12:02:35	13.14	5.01	0.06
12:02:45	13.26	4.93	0.07
12:02:55	13.34	4.90	0.07
12:03:05	13.31	4.93	0.07
12:03:15	13.23	4.99	0.07
12:03:25	13.11	5.06	0.07
12:03:35	13.05	5.09	0.07
12:03:45	13.02	5.11	0.07
12:03:55	13.08	5.05	0.07
12:04:05	13.16	5.00	0.07
12:04:15	13.29	4.91	0.07
12:04:25	13.33	4.91	0.07
12:04:35	13.27	4.95	0.07
12:04:45	13.18	5.02	0.07
12:04:55	13.08	5.07	0.07
12:05:05	13.05	5.09	0.07
12:05:15	13.03	5.09	0.07
12:05:25	13.11	5.04	0.06
12:05:35	13.23	4.95	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:05:45	13.31	4.90	0.08
12:05:55	13.31	4.91	0.07
12:06:05	13.23	4.97	0.06
12:06:15	13.15	5.02	0.06
12:06:25	13.05	5.08	0.07
12:06:35	13.00	5.09	0.07
12:06:45	13.00	5.08	0.07
12:06:55	13.07	5.03	0.08
12:07:05	13.17	4.95	0.09
12:07:15	13.28	4.89	0.08
12:07:25	13.26	4.91	0.08
12:07:35	13.21	4.96	0.08
12:07:45	13.11	5.02	0.08
12:07:55	13.05	5.05	0.09
12:08:05	13.02	5.08	0.07
12:08:15	13.05	5.05	0.06
12:08:25	13.12	5.00	0.07
12:08:35	13.26	4.92	0.07
12:08:45	13.31	4.90	0.07
12:08:55	13.26	4.94	0.08
12:09:05	13.17	5.00	0.09
12:09:15	13.07	5.06	0.09
12:09:25	13.01	5.09	0.09
12:09:35	12.97	5.11	0.09
12:09:45	13.01	5.07	0.09
12:09:55	13.08	5.01	0.08
12:10:05	13.19	4.96	0.10
12:10:15	13.20	4.97	0.09
12:10:25	13.14	5.01	0.09
12:10:35	13.06	5.06	0.07
12:10:45	12.97	5.12	0.07
12:10:55	12.94	5.14	0.07
12:11:05	12.93	5.15	0.08
12:11:15	13.01	5.09	0.07
12:11:25	13.13	5.01	0.09
12:11:35	13.23	4.95	0.08
12:11:45	13.24	4.97	0.09
12:11:55	13.15	5.04	0.08
12:12:05	13.06	5.09	0.09
12:12:15	12.97	5.15	0.08
12:12:25	12.93	5.16	0.08
12:12:35	12.94	5.14	0.08
12:12:45	13.02	5.09	0.09
12:12:55	13.13	5.01	0.09
12:13:05	13.20	4.98	0.09
12:13:15	13.17	5.01	0.08
12:13:25	13.10	5.06	0.09
12:13:35	13.00	5.12	0.10
12:13:45	12.89	5.17	0.10
12:13:55	12.84	5.21	0.09
12:14:05	12.87	5.17	0.08
12:14:15	12.94	5.13	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:14:25	13.05	5.06	0.08
12:14:35	13.12	5.03	0.09
12:14:45	13.08	5.06	0.08
12:14:55	12.99	5.11	0.08
12:15:05	12.88	5.18	0.08
12:15:15	12.83	5.21	0.07
12:15:25	12.80	5.22	0.07
12:15:35	12.86	5.17	0.06
12:15:45	12.93	5.11	0.07
12:15:55	13.07	5.02	0.07
12:16:05	13.11	5.02	0.08
12:16:15	13.05	5.07	0.07
12:16:25	12.97	5.11	0.07
12:16:35	12.88	5.17	0.07
12:16:45	12.85	5.21	0.07
12:16:55	12.84	5.21	0.07
12:17:05	12.89	5.17	0.07
12:17:15	12.94	5.13	0.07
12:17:25	13.02	5.08	0.08
12:17:35	13.03	5.09	0.08
12:17:45	12.93	5.15	0.08
12:17:55	12.83	5.21	0.07
12:18:05	12.73	5.26	0.07
12:18:15	12.69	5.28	0.07
12:18:25	12.68	5.27	0.07
12:18:35	12.78	5.20	0.06
12:18:45	12.90	5.12	0.07
12:18:55	12.99	5.07	0.06
12:19:05	12.98	5.09	0.07
12:19:15	12.92	5.15	0.08
12:19:25	12.86	5.20	0.07
12:19:35	12.79	5.23	0.08
12:19:45	12.73	5.26	0.07
12:19:55	12.73	5.24	0.07
12:20:05	12.80	5.19	0.07
12:20:15	12.92	5.12	0.07
12:20:25	13.00	5.09	0.07
12:20:35	12.97	5.12	0.08
12:20:45	12.93	5.15	0.07
12:20:55	12.86	5.20	0.06
12:21:05	12.83	5.22	0.07
12:21:15	12.84	5.21	0.06
12:21:25	12.92	5.15	0.07
12:21:35	13.00	5.10	0.06
12:21:45	13.13	5.02	0.06
12:21:55	13.18	5.00	0.07
12:22:05	13.13	5.06	0.06
12:22:15	13.03	5.11	0.07
12:22:25	12.94	5.17	0.06
12:22:35	12.83	5.23	0.07
12:22:45	12.73	5.28	0.06
12:22:55	12.71	5.28	0.06



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
12:23:05	12.74	5.25	0.04
12:23:15	12.86	5.18	0.06
12:23:25	12.89	5.18	0.06
12:23:35	12.86	5.20	0.06
12:23:45	12.80	5.24	0.07
12:23:55	12.75	5.27	0.07
12:24:05	12.69	5.31	0.06
12:24:15	12.65	5.32	0.07
12:24:25	12.66	5.32	0.05
12:24:35	12.71	5.28	0.06
12:24:45	12.83	5.20	0.06
12:24:55	12.95	5.12	0.06
<b>End Run 2A</b>	<b>13.22</b>	<b>4.95</b>	<b>0.08</b>
12:25:05	13.05	5.07	0.07
12:25:15	13.04	5.09	0.07
12:25:25	12.98	5.13	0.07
12:25:35	12.93	5.17	0.07
12:25:45	12.88	5.19	0.07
12:25:55	12.84	5.20	0.07
12:26:05	12.81	5.21	0.07
12:26:15	12.78	5.22	0.07
12:26:25	12.76	5.23	0.07
12:26:35	12.74	5.24	0.07
12:26:45	12.76	5.22	0.07
<b>Cal Bias</b>			
12:26:55	12.78	5.21	0.06
12:27:05	12.77	5.21	0.07
12:27:15	12.82	5.18	0.22
12:27:25	7.91	1.08	0.39
12:27:35	0.43	0.25	-0.04
12:27:45	0.22	0.16	-0.05
12:27:55	0.17	0.12	-0.05
12:28:05	0.15	0.10	-0.05
12:28:15	0.13	0.09	-0.05
12:28:25	0.11	0.07	-0.05
12:28:35	0.10	0.07	-0.05
12:28:45	0.09	0.06	-0.04
<b>N2 Zero</b>	<b>0.10</b>	<b>0.07</b>	<b>-0.05</b>
12:28:55	6.65	3.24	0.10
12:29:05	8.33	6.95	-0.01
12:29:15	9.84	9.64	-0.07
12:29:25	9.88	9.75	-0.07
12:29:35	9.90	9.81	-0.07
12:29:45	9.91	9.84	-0.09
12:29:55	9.92	9.87	-0.08
12:30:05	9.93	9.89	-0.08
12:30:15	9.93	9.89	-0.09
12:30:25	9.94	9.90	-0.10
12:30:35	9.95	9.91	-0.10
12:30:45	9.95	9.91	-0.08
12:30:55	9.96	9.92	-0.08
12:31:05	9.96	9.93	-0.08

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
12:31:15	9.96	9.93	-0.09
<b>10.1/10.0 O2/CO2</b>	<b>9.96</b>	<b>9.92</b>	<b>-0.08</b>
12:31:25	10.00	9.84	0.03
12:31:35	14.09	4.30	0.17
12:31:45	14.63	3.92	0.16
12:31:55	14.89	3.67	0.14
12:32:05	15.02	3.52	0.14
12:32:15	15.08	3.45	0.12
12:32:25	15.10	3.38	0.10
12:32:35	15.11	3.34	0.09
12:32:45	15.11	3.32	0.08
12:32:55	15.07	3.32	0.08
12:33:05	15.02	3.33	0.07
12:33:15	14.95	3.36	0.07
12:33:25	14.90	3.37	0.08
12:33:35	14.87	3.38	0.08
12:33:45	14.83	3.39	0.07
12:33:55	14.82	3.39	0.07
12:34:05	14.83	3.39	0.07
12:34:15	14.80	3.41	0.07
12:34:25	14.75	3.43	0.07
12:34:35	14.50	3.62	0.07
12:34:45	14.67	3.46	0.07
12:34:55	14.64	3.48	0.07
12:35:05	14.62	3.48	0.07
12:35:15	14.62	3.47	0.07
12:35:25	14.64	3.45	0.07
12:35:35	14.65	3.45	0.08
12:35:45	14.66	3.44	0.09
12:35:55	14.66	3.43	0.07
12:36:05	14.69	3.41	0.07
12:36:15	14.75	3.38	0.07
12:36:25	14.79	3.36	0.06
12:36:35	14.81	3.35	0.05
12:36:45	14.81	3.35	0.07
12:36:55	14.81	3.35	0.06
12:37:05	14.81	3.35	0.07
12:37:15	14.80	3.36	0.07
12:37:25	14.79	3.37	0.07
12:37:35	14.78	3.37	0.06
12:37:45	14.79	3.37	0.06
12:37:55	14.78	3.37	0.07
12:38:05	14.79	3.37	0.04
12:38:15	14.78	3.37	0.04
12:38:25	14.79	3.37	0.05
12:38:35	14.79	3.37	0.08
12:38:45	14.79	3.37	0.09
12:38:55	14.78	3.38	0.08
12:39:05	14.80	3.36	0.07
12:39:15	14.79	3.37	0.06
12:39:25	14.80	3.36	0.07
12:39:35	14.82	3.35	0.07

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:39:45	14.79	3.36	0.07
12:39:55	14.79	3.36	0.07
12:40:05	14.77	3.37	0.07
12:40:15	14.76	3.38	0.05
12:40:25	14.75	3.38	0.05
12:40:35	14.73	3.40	0.07
12:40:45	14.72	3.41	0.05
12:40:55	14.70	3.41	0.04
12:41:05	14.71	3.41	0.06
12:41:15	14.70	3.41	0.05
12:41:25	14.70	3.41	0.06
12:41:35	14.69	3.42	0.07
12:41:45	14.68	3.42	0.06
12:41:55	14.69	3.42	0.05
12:42:05	14.69	3.42	0.04
12:42:15	14.68	3.43	0.05
12:42:25	14.68	3.43	0.05
12:42:35	14.68	3.43	0.05
12:42:45	14.69	3.43	0.05
12:42:55	14.68	3.44	0.05
12:43:05	14.69	3.43	0.05
12:43:15	14.70	3.43	0.05
12:43:25	14.70	3.44	0.05
12:43:35	14.70	3.43	0.05
12:43:45	14.70	3.42	0.04
12:43:55	14.70	3.43	0.04
12:44:05	14.69	3.43	0.04
12:44:15	14.70	3.42	0.04
12:44:25	14.70	3.42	0.04
12:44:35	14.70	3.42	0.05
12:44:45	14.69	3.43	0.05
12:44:55	14.70	3.42	0.04
12:45:05	14.70	3.42	0.04
12:45:15	14.70	3.42	0.03
12:45:25	14.71	3.41	0.04
12:45:35	14.72	3.41	0.04
12:45:45	14.71	3.42	0.05
12:45:55	14.72	3.40	0.07
12:46:05	14.73	3.41	0.07
12:46:15	14.74	3.40	0.07
12:46:25	14.74	3.40	0.06
12:46:35	14.74	3.40	0.06
12:46:45	14.73	3.40	0.07
12:46:55	14.74	3.40	0.06
12:47:05	14.73	3.40	0.06
12:47:15	14.73	3.40	0.07
12:47:25	14.74	3.39	0.07
12:47:35	14.75	3.39	0.06
12:47:45	14.74	3.39	0.06
12:47:55	14.75	3.39	0.06
12:48:05	14.75	3.40	0.06
12:48:15	14.73	3.40	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:48:25	14.75	3.40	0.06
12:48:35	14.75	3.40	0.07
12:48:45	14.75	3.40	0.09
12:48:55	14.76	3.39	0.10
12:49:05	14.81	3.36	0.08
12:49:15	14.89	3.31	0.07
12:49:25	14.98	3.25	0.06
12:49:35	15.08	3.20	0.05
12:49:45	15.12	3.17	0.06
12:49:55	15.16	3.14	0.06
12:50:05	15.19	3.13	0.06
12:50:15	15.22	3.10	0.07
12:50:25	15.24	3.10	0.07
12:50:35	15.23	3.10	0.07
12:50:45	15.21	3.12	0.07
12:50:55	15.19	3.14	0.07
12:51:05	15.18	3.15	0.07
12:51:15	15.16	3.16	0.07
12:51:25	15.17	3.16	0.07
12:51:35	15.19	3.15	0.07
12:51:45	15.20	3.15	0.07
12:51:55	15.19	3.15	0.07
12:52:05	15.22	3.14	0.07
12:52:15	15.21	3.15	0.06
12:52:25	15.17	3.17	0.07
12:52:35	15.08	3.23	0.07
12:52:45	14.94	3.31	0.07
12:52:55	14.82	3.38	0.06
12:53:05	14.75	3.41	0.06
12:53:15	14.73	3.42	0.05
12:53:25	14.71	3.42	0.06
12:53:35	14.70	3.42	0.05
12:53:45	14.74	3.39	0.05
12:53:55	14.83	3.34	0.05
12:54:05	14.93	3.29	0.04
12:54:15	15.03	3.23	0.04
12:54:25	15.13	3.17	0.04
12:54:35	15.21	3.13	0.05
12:54:45	15.27	3.10	0.06
12:54:55	15.31	3.08	0.05
12:55:05	15.34	3.06	0.06
12:55:15	15.37	3.04	0.06
12:55:25	15.39	3.03	0.05
12:55:35	15.39	3.03	0.05
12:55:45	15.40	3.03	0.05
12:55:55	15.40	3.02	0.05
12:56:05	15.40	3.02	0.05
12:56:15	15.40	3.02	0.04
12:56:25	15.40	3.02	0.06
12:56:35	15.39	3.02	0.06
12:56:45	15.37	3.03	0.06
12:56:55	15.35	3.04	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
12:57:05	15.34	3.05	0.06
12:57:15	15.30	3.08	0.06
12:57:25	15.27	3.09	0.06
12:57:35	15.26	3.10	0.06
12:57:45	15.23	3.12	0.06
12:57:55	15.21	3.13	0.07
12:58:05	15.19	3.14	0.07
12:58:15	15.19	3.14	0.07
12:58:25	15.19	3.13	0.07
12:58:35	15.18	3.14	0.06
12:58:45	15.18	3.15	0.05
12:58:55	15.17	3.15	0.06
12:59:05	15.16	3.16	0.05
12:59:15	15.13	3.17	0.04
12:59:25	15.13	3.17	0.05
12:59:35	15.13	3.18	0.05
12:59:45	15.11	3.19	0.05
12:59:55	15.09	3.16	0.05
13:00:05	15.08	3.20	0.06
13:00:15	15.07	3.20	0.06
13:00:25	15.07	3.21	0.06
13:00:35	15.06	3.21	0.06
13:00:45	15.07	3.21	0.06
13:00:55	15.06	3.22	0.06
13:01:05	15.05	3.23	0.06
13:01:15	15.04	3.23	0.06
13:01:25	15.02	3.23	0.06
13:01:35	15.03	3.22	0.06
13:01:45	15.04	3.23	0.06
13:01:55	15.03	3.23	0.05
13:02:05	15.03	3.23	0.06
13:02:15	15.04	3.23	0.06
13:02:25	15.05	3.22	0.06
13:02:35	15.04	3.23	0.06
13:02:45	15.03	3.24	0.06
13:02:55	15.05	3.23	0.06
13:03:05	15.03	3.25	0.06
13:03:15	15.03	3.24	0.06
13:03:25	15.02	3.25	0.07
13:03:35	14.99	3.27	0.07
13:03:45	14.97	3.29	0.07
13:03:55	14.95	3.30	0.07
13:04:05	14.94	3.31	0.07
13:04:15	14.96	3.30	0.07
13:04:25	14.96	3.29	0.07
13:04:35	14.97	3.29	0.07
13:04:45	14.98	3.29	0.06
13:04:55	14.97	3.29	0.06
13:05:05	14.98	3.28	0.07
13:05:15	14.97	3.28	0.06
13:05:25	14.98	3.27	0.07
13:05:35	14.98	3.26	0.07

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:05:45	15.00	3.24	0.07
13:05:55	15.01	3.24	0.07
13:06:05	15.00	3.24	0.07
13:06:15	15.01	3.24	0.06
13:06:25	15.02	3.24	0.06
13:06:35	15.02	3.24	0.06
13:06:45	15.03	3.23	0.07
13:06:55	15.07	3.21	0.05
13:07:05	15.08	3.21	0.04
13:07:15	15.08	3.21	0.06
13:07:25	15.08	3.21	0.07
13:07:35	15.08	3.22	0.07
13:07:45	15.08	3.21	0.06
13:07:55	15.09	3.20	0.07
13:08:05	15.08	3.20	0.06
13:08:15	15.09	3.20	0.07
13:08:25	15.09	3.20	0.06
13:08:35	15.08	3.20	0.07
13:08:45	15.09	3.20	0.07
13:08:55	15.08	3.21	0.07
13:09:05	15.08	3.21	0.07
13:09:15	15.07	3.22	0.07
13:09:25	15.07	3.22	0.07
13:09:35	15.08	3.21	0.07
13:09:45	15.07	3.22	0.08
13:09:55	15.06	3.22	0.07
13:10:05	15.07	3.22	0.09
13:10:15	15.06	3.22	0.09
13:10:25	15.05	3.25	0.08
13:10:35	15.06	3.24	0.08
13:10:45	15.06	3.24	0.08
13:10:55	15.06	3.25	0.08
13:11:05	15.05	3.25	0.08
13:11:15	15.04	3.26	0.09
13:11:25	15.05	3.26	0.09
13:11:35	15.04	3.26	0.09
13:11:45	15.03	3.27	0.10
13:11:55	15.03	3.26	0.09
13:12:05	15.03	3.26	0.09
13:12:15	15.03	3.27	0.08
13:12:25	15.01	3.28	0.07
13:12:35	14.98	3.29	0.07
13:12:45	14.93	3.33	0.09
13:12:55	14.89	3.35	0.09
13:13:05	14.83	3.38	0.08
13:13:15	14.78	3.41	0.08
13:13:25	14.76	3.43	0.07
13:13:35	14.72	3.44	0.08
13:13:45	14.70	3.46	0.07
13:13:55	14.69	3.46	0.07
13:14:05	14.69	3.47	0.07
13:14:15	14.68	3.47	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:14:25	14.67	3.47	0.08
13:14:35	14.68	3.47	0.07
13:14:45	14.68	3.47	0.08
13:14:55	14.68	3.47	0.07
13:15:05	14.68	3.46	0.08
13:15:15	14.67	3.46	0.08
13:15:25	14.69	3.45	0.08
13:15:35	14.64	3.48	0.07
13:15:45	14.64	3.47	0.07
13:15:55	14.66	3.46	0.07
13:16:05	14.68	3.45	0.07
13:16:15	14.76	3.40	0.07
13:16:25	14.86	3.35	0.07
13:16:35	14.89	3.33	0.07
13:16:45	14.87	3.35	0.07
13:16:55	14.84	3.36	0.07
13:17:05	14.82	3.38	0.07
13:17:15	14.78	3.40	0.07
13:17:25	14.75	3.41	0.07
13:17:35	14.73	3.41	0.07
13:17:45	14.70	3.43	0.07
13:17:55	14.69	3.44	0.07
13:18:05	14.70	3.43	0.07
13:18:15	14.70	3.43	0.08
13:18:25	14.70	3.43	0.07
13:18:35	14.70	3.43	0.07
13:18:45	14.71	3.43	0.07
13:18:55	14.72	3.42	0.08
13:19:05	14.73	3.42	0.08
13:19:15	14.75	3.41	0.08
13:19:25	14.77	3.40	0.08
13:19:35	14.78	3.39	0.07
13:19:45	14.79	3.38	0.07
13:19:55	14.84	3.34	0.06
13:20:05	14.93	3.29	0.06
13:20:15	15.00	3.25	0.07
13:20:25	15.07	3.21	0.07
13:20:35	15.12	3.18	0.07
13:20:45	15.16	3.16	0.07
13:20:55	15.21	3.14	0.06
13:21:05	15.23	3.13	0.06
13:21:15	15.22	3.13	0.05
13:21:25	15.17	3.16	0.06
13:21:35	15.12	3.20	0.07
13:21:45	15.07	3.23	0.07
13:21:55	15.04	3.24	0.07
13:22:05	15.02	3.25	0.07
13:22:15	14.99	3.28	0.07
13:22:25	14.98	3.28	0.07
13:22:35	14.97	3.28	0.06
13:22:45	14.98	3.28	0.06
13:22:55	15.03	3.25	0.06

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:23:05	15.17	3.16	0.06
13:23:15	15.39	3.02	0.07
13:23:25	15.58	2.92	0.07
13:23:35	15.62	2.94	0.07
13:23:45	15.51	3.07	0.07
13:23:55	15.26	3.30	0.07
13:24:05	15.00	3.51	0.06
13:24:15	14.73	3.74	0.05
13:24:25	14.47	3.93	0.05
13:24:35	14.26	4.09	0.04
13:24:45	14.07	4.23	0.03
13:24:55	13.93	4.33	0.03
13:25:05	13.83	4.41	0.04
13:25:15	13.71	4.50	0.05
13:25:25	13.65	4.55	0.05
13:25:35	13.61	4.58	0.05
13:25:45	13.57	4.62	0.06
13:25:55	13.55	4.63	0.07
13:26:05	13.52	4.66	0.06
13:26:15	13.51	4.67	0.06
13:26:25	13.48	4.69	0.06
13:26:35	13.47	4.70	0.06
13:26:45	13.44	4.72	0.06
13:26:55	13.44	4.72	0.06
13:27:05	13.43	4.72	0.07
13:27:15	13.43	4.73	0.06
13:27:25	13.43	4.72	0.06
13:27:35	13.43	4.73	0.06
13:27:45	13.44	4.72	0.05
13:27:55	13.45	4.72	0.05
13:28:05	13.45	4.72	0.05
13:28:15	13.44	4.74	0.05
13:28:25	13.42	4.75	0.06
13:28:35	13.42	4.75	0.07
13:28:45	13.41	4.76	0.07
13:28:55	13.39	4.77	0.06
13:29:05	13.39	4.77	0.06
13:29:15	13.37	4.78	0.05
13:29:25	13.37	4.78	0.05
13:29:35	13.35	4.79	0.06
13:29:45	13.34	4.80	0.05
13:29:55	13.32	4.81	0.05
13:30:05	13.30	4.83	0.05
13:30:15	13.30	4.83	0.05
13:30:25	13.28	4.85	0.05
13:30:35	13.26	4.87	0.04
13:30:45	13.26	4.87	0.04
13:30:55	13.24	4.89	0.04
13:31:05	13.22	4.91	0.04
13:31:15	13.15	4.96	0.04
13:31:25	13.01	5.06	0.04
13:31:35	12.88	5.17	0.05



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:31:45	12.73	5.26	0.05
13:31:55	12.70	5.27	0.04
13:32:05	12.73	5.25	0.06
13:32:15	12.84	5.17	0.05
13:32:25	13.00	5.07	0.04
13:32:35	13.14	4.99	0.04
13:32:45	13.18	4.98	0.05
13:32:55	13.10	5.05	0.06
13:33:05	13.01	5.10	0.06
13:33:15	12.89	5.19	0.06
13:33:25	12.84	5.20	0.05
13:33:35	12.80	5.22	0.03
13:33:45	12.88	5.17	0.05
13:33:55	12.94	5.11	0.05
13:34:05	13.07	5.05	0.06
13:34:15	13.09	5.05	0.07
13:34:25	13.01	5.11	0.07
13:34:35	12.91	5.17	0.07
13:34:45	12.78	5.25	0.07
13:34:55	12.68	5.32	0.06
13:35:05	12.62	5.35	0.06
13:35:15	12.67	5.31	0.06
13:35:25	12.73	5.26	0.07
13:35:35	12.87	5.18	0.07
13:35:45	12.89	5.19	0.07
13:35:55	12.84	5.22	0.07
13:36:05	12.79	5.26	0.07
13:36:15	12.73	5.27	0.07
13:36:25	12.75	5.26	0.06
13:36:35	12.71	5.40	0.14
13:36:45	0.92	0.40	-0.06
13:36:55	0.26	0.21	-0.07
13:37:05	0.20	0.15	-0.07
13:37:15	0.16	0.12	-0.05
13:37:25	0.14	0.11	-0.01
13:37:35	0.12	0.09	-0.01
13:37:45	0.10	0.08	-0.02
13:37:55	0.10	0.08	-0.02
13:38:05	0.14	0.10	0.08
13:38:15	11.95	5.03	0.84
13:38:25	16.08	0.33	18.66
13:38:35	20.15	0.12	23.05
13:38:45	20.27	0.09	23.41
13:38:55	20.33	0.07	23.53
13:39:05	20.37	0.06	23.61
13:39:15	20.41	0.06	24.84
13:39:25	20.42	0.05	24.81
13:39:35	20.44	0.05	24.79
13:39:45	20.45	0.05	24.82
13:39:55	20.47	0.04	24.86
13:40:05	20.48	0.04	24.61
13:40:15	17.21	3.54	6.67

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
13:40:25	9.65	0.64	2.96
13:40:35	0.52	0.12	0.04
13:40:45	0.31	0.08	-0.02
13:40:55	0.25	0.06	-0.34
13:41:05	0.19	0.05	-0.06
13:41:15	0.16	0.05	-0.02
13:41:25	0.14	0.04	-0.03
13:41:35	0.12	0.04	-0.03
13:41:45	0.11	0.04	-0.03
13:41:55	0.10	0.04	-0.03
13:42:05	0.09	0.04	-0.03
13:42:15	0.08	0.04	-0.02
13:42:25	10.06	4.71	3.39
13:42:35	18.47	0.19	22.90
13:42:45	20.17	0.08	24.86
13:42:55	20.29	0.06	25.00
13:43:05	20.36	0.05	25.04
<b>THC Cal Error</b>			
13:43:15	20.40	0.05	25.07
13:43:25	20.43	0.05	25.09
13:43:35	20.45	0.04	24.73
13:43:45	20.47	0.04	24.75
13:43:55	20.48	0.04	24.77
13:44:05	20.49	0.04	24.79
13:44:15	20.50	0.04	24.79
13:44:25	20.51	0.04	24.80
<b>24.7 propane</b>	<b>20.50</b>	<b>0.04</b>	<b>24.79</b>
13:44:35	20.51	0.04	22.87
13:44:45	14.87	4.58	7.23
13:44:55	19.90	0.23	14.61
13:45:05	20.41	0.09	14.97
13:45:15	20.43	0.07	15.10
13:45:25	20.44	0.05	15.15
13:45:35	20.45	0.04	15.16
13:45:45	20.45	0.04	15.17
13:45:55	20.46	0.04	15.18
<b>14.8 propane</b>	<b>20.45</b>	<b>0.04</b>	<b>15.17</b>
13:46:05	20.46	0.04	14.13
13:46:15	15.05	4.55	2.66
13:46:25	19.08	0.51	7.89
13:46:35	20.47	0.11	8.44
13:46:45	20.51	0.07	8.55
13:46:55	20.53	0.06	8.58
13:47:05	20.54	0.05	8.59
13:47:15	20.54	0.05	8.61
13:47:25	20.54	0.04	8.61
13:47:35	20.55	0.04	8.61
<b>8.43 propane</b>	<b>20.55</b>	<b>0.04</b>	<b>8.61</b>
13:47:45	17.72	3.20	3.42
13:47:55	2.92	0.16	0.35
13:48:05	0.45	0.06	-0.03
13:48:15	0.32	0.04	-0.05

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
13:48:25	0.25	0.04	-0.06
13:48:35	0.21	0.03	-0.07
13:48:45	0.18	0.03	-0.07
13:48:55	0.15	0.03	-0.07
13:49:05	0.14	0.03	-0.07
13:49:15	0.12	0.03	-0.08
13:49:25	0.11	0.03	-0.08
<b>N2 Zero</b>	<b>0.12</b>	<b>0.03</b>	<b>-0.08</b>
13:49:35	0.10	0.03	-0.07
13:49:45	9.28	4.73	0.22
13:49:55	9.38	9.27	-0.02
13:50:05	9.89	9.70	-0.06
13:50:15	9.93	9.78	-0.06
13:50:25	9.95	9.83	-0.07
13:50:35	9.96	9.85	-0.07
13:50:45	9.97	9.88	-0.06
13:50:55	9.98	9.88	-0.07
13:51:05	9.98	9.89	0.01
<b>10.1/10.0 O2/CO2</b>	<b>9.98</b>	<b>9.88</b>	<b>-0.04</b>
13:51:15	12.03	5.55	0.35
13:51:25	12.35	5.69	0.35
13:51:35	12.33	5.70	0.34
13:51:45	12.31	5.70	0.32
13:51:55	12.30	5.70	0.29
13:52:05	12.32	5.67	0.27
13:52:15	12.31	5.68	0.26
13:52:25	12.30	5.68	0.25
13:52:35	12.31	5.67	0.24
13:52:45	12.29	5.69	0.24
13:52:55	12.26	5.72	0.23
13:53:05	12.28	5.68	0.22
13:53:15	12.31	5.65	0.22
13:53:25	12.40	5.58	0.21
13:53:35	12.50	5.49	0.21
13:53:45	12.59	5.44	0.21
13:53:55	12.58	5.48	0.21
13:54:05	12.43	5.60	0.21
13:54:15	12.28	5.73	0.21
13:54:25	12.13	5.82	0.20
13:54:35	12.06	5.86	0.20
13:54:45	12.02	5.88	0.20
13:54:55	12.09	5.82	0.20
13:55:05	12.20	5.72	0.19
13:55:15	12.31	5.64	0.19
13:55:25	12.32	5.65	0.19
13:55:35	12.22	5.75	0.18
13:55:45	12.10	5.85	0.18
13:55:55	11.98	5.95	0.18
13:56:05	11.90	6.00	0.18
13:56:15	11.88	6.00	0.17
13:56:25	11.93	5.96	0.17
13:56:35	12.06	5.83	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
13:56:45	12.17	5.76	0.18
13:56:55	12.15	5.80	0.18
13:57:05	12.08	5.86	0.17
13:57:15	11.97	5.96	0.16
13:57:25	11.87	6.01	0.18
13:57:35	11.83	6.03	0.18
13:57:45	11.87	5.98	0.17
13:57:55	11.95	5.91	0.17
13:58:05	12.09	5.77	0.17
13:58:15	12.21	5.70	0.17
13:58:25	12.18	5.75	0.17
13:58:35	12.10	5.83	0.17
13:58:45	11.99	5.92	0.17
13:58:55	11.90	5.97	0.17
13:59:05	11.83	6.03	0.17
13:59:15	11.84	5.98	0.17
13:59:25	11.94	5.90	0.17
13:59:35	12.07	5.80	0.17
13:59:45	12.09	5.82	0.17
13:59:55	12.00	5.90	0.17
<b>Start Run 2B</b>			
14:00:05	11.87	6.00	0.16
14:00:15	11.77	6.07	0.15
14:00:25	11.74	6.07	0.16
14:00:35	11.78	6.03	0.16
14:00:45	11.86	5.96	0.16
14:00:55	11.93	5.92	0.16
14:01:05	11.88	6.00	0.16
14:01:15	11.79	6.08	0.16
14:01:25	11.67	6.17	0.17
14:01:35	11.57	6.25	0.16
14:01:45	11.46	6.33	0.15
14:01:55	11.43	6.34	0.15
14:02:05	11.42	6.35	0.15
14:02:15	11.51	6.27	0.16
14:02:25	11.63	6.17	0.16
14:02:35	11.79	6.04	0.17
14:02:45	11.89	5.98	0.16
14:02:55	11.89	6.02	0.17
14:03:05	11.81	6.07	0.17
14:03:15	11.75	6.13	0.17
14:03:25	11.65	6.19	0.17
14:03:35	11.62	6.21	0.16
14:03:45	11.62	6.18	0.16
14:03:55	11.74	6.09	0.17
14:04:05	11.87	5.98	0.17
14:04:15	11.99	5.92	0.17
14:04:25	11.94	5.99	0.17
14:04:35	11.85	6.07	0.17
14:04:45	11.74	6.14	0.17
14:04:55	11.67	6.19	0.17
14:05:05	11.66	6.18	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:05:15	11.73	6.13	0.17
14:05:25	11.83	6.04	0.17
14:05:35	11.93	5.97	0.17
14:05:45	11.92	6.01	0.17
14:05:55	11.81	6.11	0.15
14:06:05	11.69	6.20	0.16
14:06:15	11.61	6.25	0.16
14:06:25	11.55	6.29	0.15
14:06:35	11.57	6.25	0.16
14:06:45	11.64	6.18	0.15
14:06:55	11.77	6.08	0.16
14:07:05	11.82	6.06	0.16
14:07:15	11.79	6.11	0.16
14:07:25	11.67	6.21	0.15
14:07:35	11.56	6.27	0.17
14:07:45	11.52	6.31	0.17
14:07:55	11.52	6.28	0.16
14:08:05	11.62	6.19	0.16
14:08:15	11.77	6.06	0.16
14:08:25	11.86	6.03	0.16
14:08:35	11.83	6.07	0.16
14:08:45	11.73	6.16	0.16
14:08:55	11.60	6.25	0.16
14:09:05	11.54	6.30	0.15
14:09:15	11.51	6.29	0.15
14:09:25	11.62	6.20	0.15
14:09:35	11.73	6.10	0.15
14:09:45	11.83	6.04	0.15
14:09:55	11.81	6.08	0.15
14:10:05	11.73	6.15	0.15
14:10:15	11.62	6.24	0.15
14:10:25	11.57	6.25	0.15
14:10:35	11.53	6.26	0.15
14:10:45	11.61	6.20	0.14
14:10:55	11.68	6.13	0.15
14:11:05	11.82	6.02	0.16
14:11:15	11.74	6.23	0.15
14:11:25	11.39	6.40	0.15
14:11:35	11.28	6.48	0.14
14:11:45	11.22	6.53	0.14
14:11:55	11.18	6.56	0.14
14:12:05	11.08	6.65	0.14
14:12:15	10.98	6.71	0.14
14:12:25	10.94	6.73	0.14
14:12:35	10.93	6.77	0.14
14:12:45	11.72	5.73	0.19
14:12:55	13.18	5.16	0.21
14:13:05	12.43	5.77	0.19
14:13:15	11.94	6.16	0.18
14:13:25	11.60	6.40	0.16
14:13:35	11.56	6.42	0.17
14:13:45	11.61	6.38	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:13:55	11.62	6.38	0.17
14:14:05	11.66	6.35	0.16
14:14:15	11.69	6.32	0.15
14:14:25	11.79	6.25	0.15
14:14:35	11.94	6.12	0.16
14:14:45	12.09	5.89	0.18
14:14:55	12.78	5.39	0.20
14:15:05	12.52	5.74	0.20
14:15:15	12.49	5.82	0.20
14:15:25	12.28	5.99	0.18
14:15:35	12.21	6.03	0.18
14:15:45	12.28	5.95	0.17
14:15:55	12.41	5.84	0.17
14:16:05	12.61	5.68	0.17
14:16:15	12.69	5.64	0.18
14:16:25	12.68	5.68	0.17
14:16:35	12.64	5.73	0.17
14:16:45	12.49	5.70	0.18
14:16:55	12.46	5.74	0.17
14:17:05	12.47	5.77	0.16
14:17:15	12.47	5.79	0.16
14:17:25	12.56	5.70	0.15
14:17:35	12.68	5.60	0.15
14:17:45	12.81	5.50	0.17
14:17:55	12.84	5.49	0.17
14:18:05	12.76	5.56	0.17
14:18:15	12.65	5.64	0.17
14:18:25	12.54	5.73	0.16
14:18:35	12.42	5.80	0.15
14:18:45	12.35	5.85	0.15
14:18:55	12.37	5.82	0.15
14:19:05	12.40	5.77	0.15
14:19:15	12.51	5.67	0.15
14:19:25	12.55	5.67	0.15
14:19:35	12.46	5.75	0.15
14:19:45	12.31	5.86	0.15
14:19:55	12.18	5.97	0.14
14:20:05	12.07	6.03	0.15
14:20:15	12.05	6.04	0.15
14:20:25	12.07	6.00	0.15
14:20:35	12.17	5.92	0.14
14:20:45	12.29	5.83	0.15
14:20:55	12.36	5.80	0.16
14:21:05	12.30	5.87	0.16
14:21:15	12.18	5.97	0.15
14:21:25	12.09	6.03	0.15
14:21:35	11.99	6.09	0.15
14:21:45	11.95	6.11	0.15
14:21:55	11.97	6.07	0.15
14:22:05	12.06	6.00	0.15
14:22:15	12.19	5.89	0.16
14:22:25	12.25	5.86	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:22:35	12.21	5.91	0.17
14:22:45	12.12	5.99	0.17
14:22:55	12.03	6.06	0.16
14:23:05	11.93	6.13	0.16
14:23:15	11.90	6.14	0.17
14:23:25	11.96	6.09	0.17
14:23:35	12.03	6.01	0.17
14:23:45	12.17	5.92	0.17
14:23:55	12.21	5.90	0.17
14:24:05	12.17	5.95	0.17
14:24:15	12.10	6.01	0.18
14:24:25	12.00	6.10	0.17
14:24:35	11.93	6.13	0.17
14:24:45	11.89	6.16	0.17
14:24:55	11.94	6.10	0.17
14:25:05	12.02	6.03	0.16
14:25:15	12.15	5.91	0.16
14:25:25	12.21	5.88	0.16
14:25:35	12.16	5.93	0.16
14:25:45	12.06	6.02	0.16
14:25:55	11.95	6.11	0.16
14:26:05	11.86	6.17	0.15
14:26:15	11.82	6.18	0.16
14:26:25	11.86	6.15	0.16
14:26:35	11.91	6.10	0.16
14:26:45	12.03	5.99	0.16
14:26:55	12.09	5.96	0.16
14:27:05	12.03	6.04	0.16
14:27:15	11.93	6.11	0.17
14:27:25	11.82	6.21	0.17
14:27:35	11.72	6.27	0.17
14:27:45	11.69	6.29	0.17
14:27:55	11.72	6.25	0.17
14:28:05	11.80	6.17	0.17
14:28:15	11.93	6.05	0.17
14:28:25	12.02	6.00	0.17
14:28:35	11.95	6.07	0.17
14:28:45	11.86	6.13	0.16
14:28:55	11.75	6.22	0.15
14:29:05	11.66	6.28	0.16
14:29:15	11.63	6.30	0.17
14:29:25	11.70	6.22	0.17
14:29:35	11.77	6.15	0.18
14:29:45	11.88	6.06	0.18
14:29:55	11.95	6.04	0.17
14:30:05	11.89	6.12	0.18
14:30:15	11.80	6.21	0.18
14:30:25	11.73	6.28	0.17
14:30:35	11.65	6.32	0.17
14:30:45	11.63	6.34	0.18
14:30:55	11.66	6.30	0.17
14:31:05	11.75	6.22	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:31:15	11.89	6.10	0.17
14:31:25	11.98	6.05	0.15
14:31:35	11.98	6.06	0.17
14:31:45	11.88	6.14	0.16
14:31:55	11.79	6.21	0.17
14:32:05	11.70	6.26	0.17
14:32:15	11.64	6.30	0.17
14:32:25	11.65	6.25	0.16
14:32:35	11.72	6.19	0.17
14:32:45	11.87	6.08	0.17
14:32:55	11.98	6.01	0.17
14:33:05	11.93	6.08	0.17
14:33:15	11.86	6.13	0.16
14:33:25	11.76	6.21	0.16
14:33:35	11.66	6.27	0.17
14:33:45	11.63	6.29	0.17
14:33:55	11.60	6.29	0.16
14:34:05	11.67	6.24	0.17
14:34:15	11.78	6.14	0.17
14:34:25	11.90	6.07	0.17
14:34:35	11.90	6.11	0.17
14:34:45	11.82	6.18	0.17
14:34:55	11.75	6.22	0.17
14:35:05	11.70	6.25	0.17
14:35:15	11.64	6.29	0.17
14:35:25	11.59	6.31	0.17
14:35:35	11.55	6.35	0.17
14:35:45	11.52	6.35	0.17
14:35:55	11.49	6.36	0.17
14:36:05	11.43	6.40	0.17
14:36:15	11.39	6.43	0.15
14:36:25	11.30	6.51	0.16
14:36:35	11.26	6.53	0.17
14:36:45	11.20	6.57	0.16
14:36:55	11.23	6.52	0.15
14:37:05	11.28	6.48	0.15
14:37:15	11.41	6.39	0.17
14:37:25	11.45	6.39	0.17
14:37:35	11.40	6.45	0.17
14:37:45	11.30	6.53	0.17
14:37:55	11.19	6.62	0.18
14:38:05	11.12	6.67	0.17
14:38:15	11.06	6.72	0.16
14:38:25	11.11	6.66	0.16
14:38:35	11.20	6.59	0.16
14:38:45	11.32	6.50	0.17
14:38:55	11.36	6.50	0.17
14:39:05	11.33	6.54	0.17
14:39:15	11.26	6.59	0.17
14:39:25	11.20	6.65	0.17
14:39:35	11.13	6.68	0.17
14:39:45	11.07	6.74	0.17



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:39:55	11.09	6.69	0.17
14:40:05	11.16	6.64	0.16
14:40:15	11.29	6.53	0.14
14:40:25	11.37	6.48	0.17
14:40:35	11.34	6.53	0.16
14:40:45	11.27	6.60	0.16
14:40:55	11.17	6.67	0.16
14:41:05	11.10	6.73	0.16
14:41:15	10.99	6.80	0.16
14:41:25	10.97	6.81	0.14
14:41:35	10.95	6.80	0.17
14:41:45	11.05	6.73	0.17
14:41:55	11.16	6.64	0.17
14:42:05	11.30	6.54	0.17
14:42:15	11.28	6.59	0.17
14:42:25	11.20	6.66	0.17
14:42:35	11.14	6.72	0.17
14:42:45	11.03	6.80	0.17
14:42:55	10.97	6.83	0.17
14:43:05	10.95	6.81	0.17
14:43:15	11.04	6.75	0.17
14:43:25	11.16	6.65	0.17
14:43:35	11.26	6.59	0.17
14:43:45	11.27	6.61	0.17
14:43:55	11.22	6.65	0.16
14:44:05	11.12	6.73	0.15
14:44:15	11.04	6.77	0.16
14:44:25	11.02	6.78	0.17
14:44:35	11.02	6.74	0.17
14:44:45	11.11	6.69	0.17
14:44:55	11.20	6.60	0.19
14:45:05	11.31	6.53	0.18
14:45:15	11.30	6.58	0.18
14:45:25	11.21	6.66	0.18
14:45:35	11.13	6.74	0.17
14:45:45	11.01	6.83	0.18
14:45:55	10.99	6.83	0.18
14:46:05	10.96	6.83	0.19
14:46:15	11.03	6.78	0.17
14:46:25	11.12	6.69	0.17
14:46:35	11.25	6.59	0.17
14:46:45	11.28	6.60	0.18
14:46:55	11.23	6.63	0.17
14:47:05	11.19	6.66	0.17
14:47:15	11.14	6.70	0.17
14:47:25	11.10	6.72	0.17
14:47:35	11.06	6.74	0.18
14:47:45	11.08	6.72	0.18
14:47:55	11.05	6.74	0.19
14:48:05	11.04	6.75	0.19
14:48:15	11.04	6.76	0.19
14:48:25	11.03	6.74	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:48:35	11.05	6.73	0.17
14:48:45	11.12	6.66	0.17
14:48:55	11.21	6.60	0.17
14:49:05	11.36	6.48	0.17
14:49:15	11.46	6.43	0.17
14:49:25	11.48	6.43	0.17
14:49:35	11.41	6.52	0.17
14:49:45	11.29	6.60	0.18
14:49:55	11.23	6.64	0.17
14:50:05	11.20	6.64	0.15
14:50:15	11.27	6.58	0.16
14:50:25	11.38	6.48	0.17
14:50:35	11.53	6.37	0.17
14:50:45	11.54	6.39	0.17
14:50:55	11.49	6.45	0.17
14:51:05	11.36	6.55	0.17
14:51:15	11.26	6.63	0.17
14:51:25	11.19	6.68	0.16
14:51:35	11.20	6.66	0.17
14:51:45	11.24	6.60	0.17
14:51:55	11.33	6.55	0.17
14:52:05	11.35	6.56	0.17
14:52:15	11.27	6.64	0.17
14:52:25	11.15	6.74	0.17
14:52:35	11.03	6.82	0.16
14:52:45	10.97	6.86	0.17
14:52:55	10.97	6.84	0.17
14:53:05	11.02	6.79	0.17
14:53:15	11.12	6.71	0.17
14:53:25	11.18	6.71	0.17
14:53:35	11.12	6.77	0.17
14:53:45	11.03	6.86	0.19
14:53:55	10.92	6.93	0.19
14:54:05	10.87	6.98	0.18
14:54:15	10.86	6.97	0.17
14:54:25	10.92	6.93	0.18
14:54:35	11.03	6.84	0.18
14:54:45	11.15	6.78	0.17
14:54:55	11.13	6.82	0.18
14:55:05	11.06	6.88	0.18
14:55:15	10.96	6.97	0.17
14:55:25	10.91	7.00	0.17
14:55:35	10.87	7.01	0.18
14:55:45	10.94	6.95	0.17
14:55:55	11.03	6.87	0.17
14:56:05	11.16	6.78	0.16
14:56:15	11.19	6.78	0.17
14:56:25	11.14	6.82	0.17
14:56:35	11.05	6.90	0.17
14:56:45	10.95	6.97	0.17
14:56:55	10.87	7.03	0.17
14:57:05	10.86	7.01	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
14:57:15	10.93	6.96	0.17
14:57:25	11.05	6.86	0.17
14:57:35	11.18	6.77	0.17
14:57:45	11.20	6.76	0.17
14:57:55	11.15	6.82	0.17
14:58:05	11.04	6.90	0.17
14:58:15	10.96	6.95	0.18
14:58:25	10.89	6.99	0.19
14:58:35	10.88	6.98	0.17
14:58:45	10.94	6.92	0.17
14:58:55	11.05	6.83	0.18
14:59:05	11.17	6.76	0.18
14:59:15	11.14	6.82	0.18
14:59:25	11.12	6.84	0.18
14:59:35	11.02	6.92	0.18
14:59:45	10.89	7.00	0.17
14:59:55	10.84	7.04	0.17
15:00:05	10.86	7.01	0.17
15:00:15	10.94	6.94	0.17
15:00:25	11.08	6.84	0.17
15:00:35	11.19	6.78	0.17
15:00:45	11.18	6.80	0.16
15:00:55	11.10	6.87	0.19
15:01:05	11.03	6.91	0.18
15:01:15	10.96	6.95	0.18
15:01:25	10.90	6.99	0.18
15:01:35	10.89	6.99	0.18
15:01:45	10.84	7.02	0.18
15:01:55	10.81	7.04	0.17
15:02:05	10.76	7.07	0.17
15:02:15	10.75	7.07	0.17
<b>25A Drift Check</b>			
15:02:25	10.78	7.03	0.27
15:02:35	1.96	0.52	0.09
15:02:45	0.22	0.22	0.04
15:02:55	0.16	0.16	0.03
15:03:05	0.14	0.13	0.03
15:03:15	0.11	0.10	0.03
15:03:25	0.09	0.08	0.02
15:03:35	0.08	0.08	0.02
15:03:45	0.07	0.07	0.01
15:03:55	0.07	0.06	0.00
<b>N2 Zero</b>	<b>0.08</b>	<b>0.07</b>	<b>0.01</b>
15:04:05	7.68	5.77	0.23
15:04:15	14.36	0.45	9.61
15:04:25	20.02	0.13	14.42
15:04:35	20.15	0.10	14.69
15:04:45	20.22	0.08	14.77
15:04:55	20.26	0.07	14.82
15:05:05	20.28	0.06	14.86
15:05:15	20.31	0.06	14.91
15:05:25	20.32	0.05	14.94

		<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>		<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
	15:05:35	20.33	0.05	14.95
	15:05:45	20.34	0.05	14.97
<b>14.8 propane</b>		<b>20.33</b>	<b>0.05</b>	<b>14.95</b>
	15:05:55	20.35	0.04	14.86
	15:06:05	15.26	5.38	3.66
	15:06:15	11.47	6.48	0.36
	15:06:25	11.25	6.63	0.30
	15:06:35	11.15	6.72	0.28
	15:06:45	11.16	6.69	0.24
	15:06:55	11.22	6.65	0.22
	15:07:05	11.36	6.55	0.20
<b>Resume 2B</b>				
	15:07:15	11.40	6.54	0.19
	15:07:25	11.42	6.53	0.19
	15:07:35	11.39	6.56	0.19
	15:07:45	11.34	6.60	0.18
	15:07:55	11.30	6.63	0.18
	15:08:05	11.27	6.67	0.19
	15:08:15	11.25	6.68	0.20
	15:08:25	11.18	6.76	0.21
	15:08:35	11.18	6.76	0.21
	15:08:45	11.18	6.77	0.22
	15:08:55	11.25	6.70	0.21
	15:09:05	11.31	6.66	0.22
	15:09:15	11.43	6.56	0.22
	15:09:25	11.49	6.54	0.22
	15:09:35	11.44	6.59	0.21
	15:09:45	11.38	6.64	0.22
	15:09:55	11.26	6.72	0.21
	15:10:05	11.23	6.72	0.21
	15:10:15	11.22	6.71	0.20
	15:10:25	11.32	6.61	0.20
	15:10:35	11.41	6.51	0.19
	15:10:45	11.58	6.37	0.19
	15:10:55	11.67	6.33	0.18
	15:11:05	11.63	6.35	0.18
	15:11:15	11.58	6.40	0.18
	15:11:25	11.50	6.45	0.17
	15:11:35	11.47	6.47	0.17
	15:11:45	11.44	6.47	0.17
	15:11:55	11.52	6.40	0.17
	15:12:05	11.62	6.31	0.18
	15:12:15	11.76	6.21	0.17
	15:12:25	11.76	6.23	0.18
	15:12:35	11.66	6.31	0.17
	15:12:45	11.55	6.40	0.17
	15:12:55	11.40	6.50	0.17
	15:13:05	11.33	6.54	0.17
	15:13:15	11.28	6.56	0.17
	15:13:25	11.27	6.57	0.17
	15:13:35	11.32	6.51	0.17
	15:13:45	11.35	6.51	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:13:55	11.29	6.57	0.17
15:14:05	11.17	6.68	0.18
15:14:15	11.01	6.80	0.18
15:14:25	10.91	6.85	0.18
15:14:35	10.86	6.88	0.17
15:14:45	10.91	6.83	0.17
15:14:55	10.98	6.77	0.18
15:15:05	11.12	6.66	0.19
15:15:15	11.20	6.64	0.18
15:15:25	11.16	6.68	0.19
15:15:35	11.11	6.73	0.19
15:15:45	10.95	6.84	0.18
15:15:55	10.87	6.89	0.18
15:16:05	10.82	6.93	0.18
15:16:15	10.86	6.88	0.17
15:16:25	10.91	6.84	0.17
15:16:35	11.03	6.75	0.17
15:16:45	11.08	6.74	0.17
15:16:55	11.00	6.82	0.17
15:17:05	10.87	6.91	0.17
15:17:15	10.74	7.01	0.17
15:17:25	10.66	7.06	0.17
15:17:35	10.62	7.08	0.14
15:17:45	10.67	7.03	0.14
15:17:55	10.78	6.94	0.15
15:18:05	10.93	6.84	0.16
15:18:15	10.97	6.85	0.16
15:18:25	10.90	6.92	0.16
15:18:35	10.77	7.02	0.17
15:18:45	10.66	7.11	0.17
15:18:55	10.59	7.16	0.17
15:19:05	10.57	7.15	0.17
15:19:15	10.66	7.07	0.18
15:19:25	10.83	6.93	0.18
15:19:35	10.95	6.87	0.18
15:19:45	10.96	6.81	0.18
15:19:55	10.87	6.97	0.17
15:20:05	10.76	7.05	0.16
15:20:15	10.67	7.07	0.16
15:20:25	10.64	7.11	0.17
15:20:35	10.65	7.08	0.16
15:20:45	10.75	7.00	0.17
15:20:55	10.89	6.89	0.17
15:21:05	10.98	6.75	0.16
15:21:15	10.97	6.88	0.17
15:21:25	10.89	6.94	0.17
15:21:35	10.79	7.03	0.17
15:21:45	10.70	7.07	0.17
15:21:55	10.66	7.08	0.17
15:22:05	10.70	7.04	0.17
15:22:15	10.78	6.97	0.17
15:22:25	10.90	6.87	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:22:35	10.97	6.84	0.17
15:22:45	10.94	6.88	0.17
15:22:55	10.86	6.94	0.17
15:23:05	10.72	7.05	0.17
15:23:15	10.64	7.09	0.15
15:23:25	10.62	7.10	0.15
15:23:35	10.66	7.06	0.15
15:23:45	10.75	6.98	0.15
15:23:55	10.89	6.88	0.15
15:24:05	10.96	6.86	0.16
15:24:15	10.87	6.94	0.16
15:24:25	10.80	7.01	0.16
15:24:35	10.69	7.09	0.16
15:24:45	10.65	7.12	0.16
15:24:55	10.61	7.14	0.17
15:25:05	10.68	7.08	0.15
15:25:15	10.78	7.01	0.15
15:25:25	10.90	6.92	0.16
15:25:35	10.94	6.92	0.16
15:25:45	10.85	7.00	0.16
15:25:55	10.76	7.06	0.16
15:26:05	10.67	7.12	0.16
15:26:15	10.63	7.14	0.15
15:26:25	10.61	7.13	0.16
15:26:35	10.69	7.07	0.16
15:26:45	10.82	6.95	0.16
15:26:55	10.98	6.85	0.17
15:27:05	11.02	6.85	0.17
15:27:15	10.94	6.91	0.17
15:27:25	10.84	7.01	0.17
15:27:35	10.75	7.06	0.16
15:27:45	10.74	7.06	0.16
15:27:55	10.76	7.02	0.17
15:28:05	10.88	6.93	0.16
15:28:15	11.04	6.79	0.15
15:28:25	11.19	6.71	0.16
15:28:35	11.18	6.75	0.17
15:28:45	11.13	6.79	0.17
15:28:55	11.04	6.88	0.15
15:29:05	10.93	6.94	0.14
15:29:15	10.85	7.00	0.15
15:29:25	10.85	6.97	0.16
15:29:35	10.93	6.93	0.16
15:29:45	11.02	6.85	0.16
15:29:55	11.10	6.80	0.16
15:30:05	11.11	6.81	0.16
<b>Stack train port change / Cems issue</b>			
15:30:15	11.04	6.86	0.16
15:30:25	10.91	6.97	0.17
15:30:35	10.83	7.03	0.17
15:30:45	10.78	7.05	0.17
15:30:55	10.81	7.02	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:31:05	10.90	6.94	0.19
15:31:15	11.02	6.83	0.18
15:31:25	11.10	6.80	0.16
15:31:35	11.06	6.84	0.16
15:31:45	10.98	6.90	0.17
15:31:55	10.87	6.99	0.16
15:32:05	10.80	7.01	0.17
15:32:15	10.76	7.04	0.17
15:32:25	10.79	6.99	0.17
15:32:35	10.85	6.94	0.17
15:32:45	10.97	6.85	0.18
15:32:55	11.06	6.79	0.18
15:33:05	11.02	6.85	0.17
15:33:15	10.95	6.90	0.16
15:33:25	10.83	7.00	0.17
15:33:35	10.73	7.05	0.17
15:33:45	10.70	7.08	0.17
15:33:55	10.78	7.00	0.17
15:34:05	10.83	6.96	0.16
15:34:15	10.97	6.86	0.17
15:34:25	11.05	6.83	0.16
15:34:35	10.99	6.90	0.15
15:34:45	10.90	6.97	0.15
15:34:55	10.79	7.05	0.16
15:35:05	10.78	7.05	0.16
15:35:15	10.74	7.07	0.16
15:35:25	10.82	6.99	0.17
15:35:35	10.90	6.92	0.16
15:35:45	11.05	6.80	0.15
15:35:55	11.12	6.77	0.17
15:36:05	11.05	6.84	0.18
15:36:15	10.99	6.88	0.18
15:36:25	10.88	6.96	0.18
15:36:35	10.85	6.97	0.18
15:36:45	10.83	6.98	0.18
15:36:55	10.95	6.88	0.18
15:37:05	11.06	6.78	0.17
15:37:15	11.24	6.65	0.17
15:37:25	11.30	6.63	0.18
15:37:35	11.28	6.66	0.19
15:37:45	11.19	6.72	0.19
15:37:55	11.13	6.78	0.19
15:38:05	11.09	6.80	0.18
15:38:15	11.05	6.84	0.17
15:38:25	10.99	6.89	0.17
15:38:35	10.92	6.95	0.16
15:38:45	10.89	6.98	0.16
15:38:55	10.89	6.99	0.16
15:39:05	10.96	6.94	0.18
15:39:15	11.07	6.84	0.20
15:39:25	11.24	6.71	0.20
15:39:35	11.30	6.68	0.24

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:39:45	11.30	6.69	0.77
15:39:55	11.30	6.70	2.17
15:40:05	11.30	6.71	2.29
15:40:15	11.30	6.71	1.54
15:40:25	11.30	6.72	1.14
15:40:35	11.30	6.72	0.92
15:40:45	11.30	6.74	0.85
15:40:55	11.30	6.73	0.79
15:41:05	12.10	4.61	0.66
15:41:15	11.37	6.75	0.33
15:41:25	11.14	6.77	0.26
15:41:35	11.03	6.88	0.25
15:41:45	10.93	6.95	0.24
15:41:55	10.86	6.99	0.24
15:42:05	10.87	6.97	0.24
15:42:15	10.88	6.94	0.25
15:42:25	10.98	6.87	0.22
15:42:35	11.00	6.88	0.29
15:42:45	18.50	0.92	0.46
15:42:55	16.37	3.71	0.36
15:43:05	11.69	6.76	0.25
15:43:15	11.00	6.83	0.24
15:43:25	10.77	7.09	0.23
15:43:35	10.66	7.05	0.23
15:43:45	10.71	7.01	0.22
15:43:55	10.86	6.92	0.21
15:44:05	10.92	6.89	0.21
15:44:15	10.88	6.93	0.20
15:44:25	10.79	7.00	0.20
15:44:35	10.69	7.08	0.22
15:44:45	10.63	7.12	0.20
15:44:55	10.60	7.13	0.21
15:45:05	10.68	7.05	0.22
15:45:15	10.80	6.96	0.22
15:45:25	10.94	6.85	0.22
15:45:35	11.05	6.80	0.22
15:45:45	11.02	6.84	0.21
15:45:55	10.97	6.87	0.21
15:46:05	10.90	6.92	0.21
15:46:15	10.83	6.97	0.20
15:46:25	10.73	7.04	0.18
15:46:35	10.70	7.04	0.18
15:46:45	10.68	7.04	0.18
15:46:55	10.79	6.95	0.19
15:47:05	10.90	6.86	0.19
15:47:15	11.02	6.78	0.20
15:47:25	11.05	6.78	0.20
15:47:35	11.00	6.83	0.20
15:47:45	10.91	6.90	0.20
15:47:55	10.80	6.99	0.21
15:48:05	10.76	7.02	0.21
15:48:15	10.74	7.02	0.21



24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
15:48:25	10.84	6.94	0.21
15:48:35	10.96	6.84	0.21
15:48:45	11.11	6.74	0.21
15:48:55	11.15	6.74	0.21
15:49:05	11.07	6.80	0.22
15:49:15	11.00	6.87	0.21
15:49:25	10.89	6.94	0.20
15:49:35	10.85	6.97	0.21

**Stack train port change / Cems issue**

15:49:45	10.83	6.97	0.20
15:49:55	10.90	6.92	0.20
15:50:05	11.02	6.81	0.20
15:50:15	11.16	6.72	0.19
15:50:25	11.16	6.74	0.18
15:50:35	11.10	6.80	0.19
15:50:45	11.00	6.87	0.19
15:50:55	10.91	6.93	0.19
15:51:05	10.84	6.97	0.17
15:51:15	10.86	6.94	0.18
15:51:25	10.95	6.86	0.17
15:51:35	11.07	6.76	0.17
15:51:45	11.15	6.72	0.17
15:51:55	11.15	6.74	0.18
15:52:05	11.07	6.82	0.19
15:52:15	10.92	6.92	0.18
15:52:25	10.83	6.99	0.18
15:52:35	10.76	7.03	0.17
15:52:45	10.79	6.99	0.17
15:52:55	10.88	6.92	0.16
15:53:05	11.02	6.82	0.17
15:53:15	11.07	6.80	0.17
15:53:25	11.01	6.87	0.15
15:53:35	10.91	6.94	0.16
15:53:45	10.77	7.05	0.17
15:53:55	10.70	7.09	0.17
15:54:05	10.68	7.09	0.17
15:54:15	10.78	7.01	0.17
15:54:25	10.86	6.94	0.17
15:54:35	11.01	6.82	0.17
15:54:45	11.08	6.79	0.17
15:54:55	11.04	6.84	0.17
15:55:05	10.95	6.91	0.16
15:55:15	10.83	7.00	0.18
15:55:25	10.80	7.01	0.19
15:55:35	10.76	7.04	0.18
15:55:45	10.84	6.97	0.18
15:55:55	10.95	6.87	0.18
15:56:05	11.09	6.77	0.18
15:56:15	11.12	6.79	0.18
15:56:25	11.03	6.87	0.17
15:56:35	10.96	6.93	0.17
15:56:45	10.86	7.01	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
15:56:55	10.82	7.03	0.17
15:57:05	10.81	7.02	0.17
15:57:15	10.89	6.96	0.17
15:57:25	11.00	6.87	0.16
15:57:35	11.14	6.78	0.16
15:57:45	11.15	6.79	0.17
15:57:55	11.07	6.87	0.17
15:58:05	10.95	6.96	0.16
15:58:15	10.84	7.03	0.17
15:58:25	10.77	7.09	0.17
15:58:35	10.72	7.09	0.17
15:58:45	10.79	7.04	0.17
15:58:55	10.90	6.94	0.17
15:59:05	10.99	6.88	0.17
15:59:15	10.98	6.89	0.17
15:59:25	10.93	6.95	0.17
15:59:35	10.87	7.00	0.17
15:59:45	10.78	7.07	0.17
15:59:55	10.71	7.10	0.18
16:00:05	10.67	7.14	0.18
16:00:15	10.64	7.15	0.17
16:00:25	10.63	7.16	0.17
16:00:35	10.59	7.19	0.19
16:00:45	10.57	7.21	0.19
16:00:55	10.58	7.22	0.19
16:01:05	10.55	7.26	0.18
16:01:15	10.54	7.28	0.19
16:01:25	10.53	7.29	0.20
16:01:35	10.52	7.31	0.19
16:01:45	10.53	7.29	0.19
16:01:55	10.54	7.28	0.20
16:02:05	10.54	7.28	0.20
16:02:15	10.52	7.31	0.20
16:02:25	10.47	7.34	0.20
16:02:35	10.47	7.33	0.20
16:02:45	10.50	7.29	0.21
16:02:55	10.61	7.21	0.20
16:03:05	10.76	7.09	0.20
16:03:15	10.89	7.00	0.20
16:03:25	10.91	7.01	0.21
16:03:35	10.84	7.08	0.21
16:03:45	10.73	7.16	0.20
16:03:55	10.66	7.21	0.20
16:04:05	10.62	7.22	0.20
16:04:15	10.66	7.18	0.20
16:04:25	10.75	7.10	0.20
16:04:35	10.88	6.99	0.20
16:04:45	10.97	6.95	0.20
16:04:55	10.94	6.98	0.20
16:05:05	10.85	7.05	0.21
16:05:15	10.72	7.15	0.21
16:05:25	10.66	7.19	0.21

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:05:35	10.59	7.22	0.20
16:05:45	10.69	7.13	0.21
16:05:55	10.80	7.04	0.21
16:06:05	10.95	6.93	0.21
16:06:15	11.01	6.91	0.22
16:06:25	10.95	6.96	0.21
16:06:35	10.87	7.01	0.21
16:06:45	10.75	7.09	0.21
16:06:55	10.73	7.10	0.22
16:07:05	10.69	7.10	0.20
16:07:15	10.76	7.05	0.20
16:07:25	10.87	6.95	0.20
16:07:35	10.99	6.87	0.20
16:07:45	11.03	6.86	0.18
16:07:55	10.94	6.93	0.17
16:08:05	10.81	7.04	0.18
16:08:15	10.70	7.11	0.18
16:08:25	10.63	7.15	0.18
16:08:35	10.58	7.17	0.17
16:08:45	10.65	7.12	0.18
16:08:55	10.76	7.02	0.18
16:09:05	10.84	6.97	0.18
16:09:15	10.83	7.00	0.18
16:09:25	10.74	7.07	0.19
16:09:35	10.61	7.18	0.19
16:09:45	10.45	7.28	0.17
16:09:55	10.37	7.33	0.18
16:10:05	10.39	7.29	0.19
16:10:15	10.47	7.23	0.19
16:10:25	10.62	7.12	0.19
16:10:35	10.71	7.06	0.17
16:10:45	10.68	7.12	0.16
16:10:55	10.59	7.20	0.16
16:11:05	10.48	7.28	0.19
16:11:15	10.36	7.35	0.18
16:11:25	10.30	7.39	0.17
16:11:35	10.31	7.36	0.17
16:11:45	10.42	7.28	0.17
16:11:55	10.55	7.18	0.17
16:12:05	10.67	7.10	0.17
16:12:15	10.62	7.17	0.17
16:12:25	10.52	7.26	0.17
16:12:35	10.40	7.34	0.17
16:12:45	10.34	7.37	0.16
16:12:55	10.31	7.38	0.16
16:13:05	10.36	7.34	0.17
16:13:15	10.45	7.27	0.17
16:13:25	10.59	7.16	0.17
16:13:35	10.68	7.12	0.17
16:13:45	10.63	7.18	0.18
16:13:55	10.55	7.24	0.18
16:14:05	10.42	7.33	0.18

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
16:14:15	10.36	7.37	0.17
16:14:25	10.31	7.39	0.18
16:14:35	10.39	7.32	0.18
16:14:45	10.45	7.27	0.18
<b>25A Drift Check</b>			
16:14:55	10.60	7.16	0.91
16:15:05	2.09	0.39	0.19
16:15:15	0.23	0.20	0.04
16:15:25	0.15	0.15	0.04
16:15:35	0.12	0.13	0.03
16:15:45	0.10	0.11	0.03
16:15:55	0.09	0.10	0.03
16:16:05	0.08	0.09	0.03
16:16:15	0.07	0.08	0.02
<b>N2 Zero</b>	<b>0.08</b>	<b>0.09</b>	<b>0.03</b>
16:16:25	0.07	0.08	0.06
16:16:35	9.30	6.58	3.20
16:16:45	18.88	0.18	13.59
16:16:55	20.14	0.11	14.59
16:17:05	20.25	0.09	14.76
16:17:15	20.32	0.08	14.81
16:17:25	20.34	0.08	14.85
16:17:35	20.38	0.06	14.86
16:17:45	20.39	0.06	14.88
16:17:55	20.41	0.05	14.90
<b>14.8 propane</b>	<b>20.39</b>	<b>0.06</b>	<b>14.88</b>
16:18:05	20.41	0.05	14.83
16:18:15	16.87	4.48	3.61
16:18:25	10.92	6.98	0.42
16:18:35	10.60	7.16	0.36
16:18:45	10.45	7.28	0.32
16:18:55	10.35	7.35	0.29
<b>Resume 2B</b>			
16:19:05	10.41	7.29	0.26
16:19:15	10.46	7.25	0.23
16:19:25	10.61	7.13	0.22
16:19:35	10.66	7.12	0.22
16:19:45	10.58	7.20	0.21
16:19:55	10.50	7.25	0.20
16:20:05	10.39	7.33	0.20
16:20:15	10.36	7.35	0.20
16:20:25	10.38	7.32	0.20
16:20:35	10.49	7.24	0.20
16:20:45	10.63	7.12	0.20
16:20:55	10.79	7.03	0.19
16:21:05	10.81	7.04	0.19
16:21:15	10.73	7.11	0.19
16:21:25	10.62	7.21	0.19
16:21:35	10.48	7.28	0.19
16:21:45	10.47	7.29	0.18
16:21:55	10.48	7.26	0.18
16:22:05	10.58	7.19	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:22:15	10.71	7.09	0.19
16:22:25	10.83	7.01	0.19
16:22:35	10.79	7.07	0.19
16:22:45	10.73	7.12	0.20
16:22:55	10.60	7.22	0.18
16:23:05	10.51	7.27	0.18
16:23:15	10.45	7.31	0.18
16:23:25	10.50	7.27	0.18
16:23:35	10.56	7.21	0.20
16:23:45	10.69	7.12	0.19
16:23:55	10.76	7.10	0.19
16:24:05	10.70	7.16	0.19
16:24:15	10.60	7.23	0.19
16:24:25	10.49	7.32	0.18
16:24:35	10.42	7.36	0.17
16:24:45	10.38	7.37	0.18
16:24:55	10.45	7.31	0.19
16:25:05	10.54	7.23	0.18
16:25:15	10.70	7.11	0.19
16:25:25	10.77	7.09	0.19
16:25:35	10.70	7.15	0.19
16:25:45	10.61	7.22	0.20
16:25:55	10.53	7.26	0.19
16:26:05	10.46	7.31	0.19
16:26:15	10.40	7.34	0.18
16:26:25	10.48	7.27	0.18
16:26:35	10.58	7.18	0.18
16:26:45	10.76	7.04	0.18
16:26:55	10.80	7.02	0.18
16:27:05	10.74	7.08	0.18
16:27:15	10.65	7.17	0.18
16:27:25	10.56	7.22	0.18
16:27:35	10.50	7.27	0.19
16:27:45	10.48	7.26	0.18
16:27:55	10.57	7.20	0.19
16:28:05	10.68	7.11	0.20
16:28:15	10.79	7.05	0.20
16:28:25	10.80	7.07	0.20
16:28:35	10.73	7.14	0.20
16:28:45	10.66	7.20	0.19
16:28:55	10.55	7.27	0.20
16:29:05	10.50	7.32	0.20
16:29:15	10.52	7.28	0.20
16:29:25	10.61	7.21	0.19
16:29:35	10.77	7.09	0.19
16:29:45	10.85	7.04	0.20
16:29:55	10.85	7.07	0.21
16:30:05	10.79	7.11	0.20
16:30:15	10.73	7.15	0.21
16:30:25	10.69	7.18	0.20
16:30:35	10.65	7.21	0.20
16:30:45	10.61	7.24	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:30:55	10.57	7.27	0.20
16:31:05	10.54	7.29	0.22
16:31:15	10.55	7.29	0.22
16:31:25	10.54	7.32	0.22
16:31:35	10.56	7.32	0.22
16:31:45	10.57	7.35	0.22
16:31:55	10.55	7.37	0.20
16:32:05	10.56	7.38	0.21
16:32:15	10.53	7.42	0.22
16:32:25	10.46	7.48	0.23
16:32:35	10.46	7.46	0.24
16:32:45	10.45	7.47	0.23
16:32:55	10.54	7.39	0.24
16:33:05	10.66	7.30	0.23
16:33:15	10.80	7.19	0.24
16:33:25	10.87	7.16	0.23
16:33:35	10.81	7.22	0.24
16:33:45	10.72	7.30	0.24
16:33:55	10.57	7.40	0.25
16:34:05	10.50	7.43	0.24
16:34:15	10.48	7.44	0.24
16:34:25	10.54	7.38	0.23
16:34:35	10.66	7.27	0.23
16:34:45	10.80	7.18	0.23
16:34:55	10.81	7.18	0.23
16:35:05	10.75	7.23	0.23
16:35:15	10.66	7.30	0.24
16:35:25	10.57	7.34	0.24
16:35:35	10.55	7.36	0.23
16:35:45	10.54	7.35	0.22
16:35:55	10.62	7.27	0.21
16:36:05	10.80	7.12	0.21
16:36:15	10.94	7.03	0.22
16:36:25	10.94	7.05	0.23
16:36:35	10.88	7.10	0.22
16:36:45	10.75	7.19	0.24
16:36:55	10.64	7.27	0.24
16:37:05	10.58	7.30	0.24
16:37:15	10.60	7.26	0.24
16:37:25	10.68	7.20	0.24
16:37:35	10.83	7.07	0.24
16:37:45	10.96	6.99	0.24
16:37:55	10.94	7.03	0.23
16:38:05	10.86	7.09	0.21
16:38:15	10.71	7.21	0.20
16:38:25	10.63	7.24	0.20
16:38:35	10.58	7.25	0.20
16:38:45	10.66	7.17	0.20
16:38:55	10.74	7.11	0.20
16:39:05	10.89	6.99	0.20
16:39:15	10.99	6.93	0.20
16:39:25	10.99	6.95	0.20

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:39:35	10.90	7.02	0.20
16:39:45	10.74	7.14	0.20
16:39:55	10.64	7.20	0.20
16:40:05	10.56	7.24	0.21
16:40:15	10.61	7.19	0.21
16:40:25	10.72	7.10	0.20
16:40:35	10.87	6.99	0.20
16:40:45	10.93	6.96	0.20
16:40:55	10.84	7.04	0.20
16:41:05	10.75	7.11	0.20
16:41:15	10.60	7.22	0.20
16:41:25	10.52	7.27	0.20
16:41:35	10.48	7.28	0.20
16:41:45	10.55	7.22	0.20
16:41:55	10.64	7.15	0.20
16:42:05	10.75	7.08	0.20
16:42:15	10.79	7.07	0.20
16:42:25	10.71	7.14	0.20
16:42:35	10.61	7.21	0.22
16:42:45	10.50	7.29	0.21
16:42:55	10.44	7.33	0.20
16:43:05	10.45	7.30	0.20
16:43:15	10.55	7.23	0.20
16:43:25	10.69	7.10	0.20
16:43:35	10.84	7.01	0.20
16:43:45	10.88	7.01	0.20
16:43:55	10.81	7.07	0.20
16:44:05	10.72	7.14	0.20
16:44:15	10.62	7.20	0.19
16:44:25	10.61	7.19	0.18
16:44:35	10.63	7.16	0.18
16:44:45	10.71	7.09	0.19
16:44:55	10.83	6.99	0.19
16:45:05	10.95	6.92	0.19
16:45:15	10.95	6.94	0.19
16:45:25	10.87	7.00	0.19
16:45:35	10.72	7.11	0.19
16:45:45	10.61	7.18	0.17
16:45:55	10.57	7.20	0.18
16:46:05	10.57	7.18	0.18
16:46:15	10.64	7.12	0.18
16:46:25	10.76	7.03	0.19
16:46:35	10.85	6.98	0.19
16:46:45	10.80	7.04	0.19
16:46:55	10.69	7.13	0.19
16:47:05	10.58	7.22	0.20
16:47:15	10.51	7.25	0.20
16:47:25	10.47	7.28	0.19
16:47:35	10.53	7.22	0.20
16:47:45	10.61	7.16	0.19
16:47:55	10.76	7.05	0.18
16:48:05	10.86	6.99	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:48:15	10.83	7.03	0.19
16:48:25	10.77	7.09	0.20
16:48:35	10.65	7.18	0.20
16:48:45	10.56	7.23	0.20
16:48:55	10.52	7.25	0.20
16:49:05	10.58	7.19	0.19
16:49:15	10.66	7.11	0.20
16:49:25	10.83	6.99	0.20
16:49:35	10.88	6.99	0.20
16:49:45	10.79	7.07	0.19
16:49:55	10.67	7.16	0.18
16:50:05	10.55	7.25	0.20
16:50:15	10.50	7.28	0.20
16:50:25	10.47	7.28	0.19
16:50:35	10.55	7.22	0.19
16:50:45	10.66	7.12	0.18
16:50:55	10.83	7.00	0.18
16:51:05	10.92	6.98	0.18
16:51:15	10.86	7.04	0.20
16:51:25	10.77	7.10	0.20
16:51:35	10.65	7.21	0.19
16:51:45	10.58	7.23	0.17
16:51:55	10.55	7.25	0.17
16:52:05	10.61	7.19	0.17
16:52:15	10.73	7.10	0.18
16:52:25	10.86	6.99	0.18
16:52:35	10.91	6.98	0.17
16:52:45	10.87	7.03	0.18
16:52:55	10.77	7.09	0.19
16:53:05	10.68	7.16	0.19
16:53:15	10.60	7.20	0.18
16:53:25	10.56	7.22	0.19
16:53:35	10.63	7.15	0.19
16:53:45	10.69	7.09	0.17
16:53:55	10.83	7.00	0.18
16:54:05	10.90	6.97	0.19
16:54:15	10.83	7.04	0.17
16:54:25	10.75	7.10	0.19
16:54:35	10.62	7.20	0.19
16:54:45	10.54	7.24	0.19
16:54:55	10.49	7.29	0.18
16:55:05	10.57	7.21	0.19
16:55:15	10.64	7.15	0.17
16:55:25	10.79	7.05	0.19
16:55:35	10.84	7.04	0.20
16:55:45	10.79	7.11	0.20
16:55:55	10.69	7.17	0.19
16:56:05	10.60	7.23	0.18
16:56:15	10.55	7.25	0.19
16:56:25	10.50	7.27	0.17
16:56:35	10.60	7.18	0.19
16:56:45	10.69	7.11	0.18



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
16:56:55	10.85	6.98	0.18
16:57:05	10.95	6.93	0.19
16:57:15	10.95	6.95	0.18
16:57:25	10.88	7.01	0.18
16:57:35	10.78	7.09	0.19
16:57:45	10.70	7.13	0.18
16:57:55	10.66	7.16	0.18
16:58:05	10.69	7.11	0.17
16:58:15	10.77	7.05	0.17
16:58:25	10.90	6.95	0.17
16:58:35	10.96	6.93	0.18
16:58:45	10.90	6.99	0.18
16:58:55	10.81	7.06	0.17
16:59:05	10.70	7.15	0.17
16:59:15	10.62	7.19	0.17
16:59:25	10.58	7.22	0.17
16:59:35	10.64	7.16	0.17
16:59:45	10.69	7.13	0.17
16:59:55	10.80	7.04	0.17
17:00:05	10.84	7.03	0.18
17:00:15	10.82	7.06	0.18
17:00:25	10.73	7.13	0.18
17:00:35	10.67	7.17	0.18
17:00:45	10.63	7.18	0.18
17:00:55	10.59	7.21	0.19
17:01:05	10.58	7.22	0.18
17:01:15	10.54	7.24	0.18
17:01:25	10.53	7.25	0.18
17:01:35	10.53	7.23	0.18
17:01:45	10.54	7.22	0.19
17:01:55	10.55	7.22	0.19
17:02:05	10.53	7.22	0.18
17:02:15	10.50	7.25	0.18
17:02:25	10.49	7.23	0.17
17:02:35	10.48	7.25	0.17
17:02:45	10.56	7.17	0.15
17:02:55	10.66	7.09	0.16
17:03:05	10.84	6.97	0.17
17:03:15	10.90	6.95	0.17
17:03:25	10.86	7.01	0.17
17:03:35	10.79	7.06	0.16
17:03:45	10.66	7.16	0.16
17:03:55	10.59	7.19	0.16
17:04:05	10.55	7.22	0.16
17:04:15	10.58	7.18	0.17
17:04:25	10.67	7.11	0.17
17:04:35	10.82	7.00	0.17
17:04:45	10.87	7.00	0.17
17:04:55	10.80	7.07	0.18
17:05:05	10.73	7.14	0.18
17:05:15	10.59	7.24	0.17
17:05:25	10.52	7.29	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:05:35	10.48	7.30	0.17
17:05:45	10.54	7.25	0.17
17:05:55	10.64	7.15	0.17
17:06:05	10.76	7.07	0.17
17:06:15	10.83	7.03	0.16
17:06:25	10.75	7.12	0.17
17:06:35	10.64	7.20	0.17
17:06:45	10.52	7.28	0.16
17:06:55	10.46	7.31	0.17
17:07:05	10.44	7.31	0.17
17:07:15	10.53	7.24	0.16
17:07:25	10.65	7.15	0.17
17:07:35	10.76	7.09	0.17
17:07:45	10.75	7.13	0.18
17:07:55	10.68	7.18	0.17
17:08:05	10.57	7.28	0.17
17:08:15	10.47	7.33	0.17
17:08:25	10.42	7.38	0.17
17:08:35	10.43	7.34	0.17
17:08:45	10.51	7.29	0.16
17:08:55	10.66	7.17	0.17
17:09:05	10.75	7.12	0.17
17:09:15	10.75	7.15	0.16
17:09:25	10.68	7.21	0.16
17:09:35	10.61	7.27	0.16
17:09:45	10.48	7.37	0.16
17:09:55	10.38	7.42	0.15
17:10:05	10.32	7.45	0.14
17:10:15	10.36	7.39	0.14
17:10:25	10.45	7.31	0.16
17:10:35	10.63	7.17	0.17
17:10:45	10.71	7.13	0.16
17:10:55	10.69	7.15	0.16
17:11:05	10.65	7.18	0.16
17:11:15	10.53	7.27	0.17
17:11:25	10.47	7.29	0.16
17:11:35	10.43	7.31	0.14
17:11:45	10.47	7.26	0.15
17:11:55	10.55	7.18	0.16
17:12:05	10.69	7.09	0.16
17:12:15	10.73	7.08	0.16
17:12:25	10.65	7.15	0.16
17:12:35	10.56	7.23	0.17
17:12:45	10.42	7.32	0.17
17:12:55	10.34	7.38	0.17
17:13:05	10.29	7.40	0.17
17:13:15	10.35	7.36	0.17
17:13:25	10.45	7.27	0.18
17:13:35	10.58	7.18	0.17
17:13:45	10.62	7.18	0.17
17:13:55	10.55	7.25	0.19
17:14:05	10.46	7.34	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
17:14:15	10.33	7.42	0.17
17:14:25	10.25	7.48	0.16
17:14:35	10.24	7.48	0.16
17:14:45	10.31	7.44	0.16
17:14:55	10.44	7.33	0.18
17:15:05	10.56	7.25	0.18
17:15:15	10.58	7.27	0.17
17:15:25	10.52	7.31	0.16
17:15:35	10.40	7.41	0.16
17:15:45	10.26	7.49	0.16
17:15:55	10.19	7.54	0.16
17:16:05	10.24	7.49	0.17
17:16:15	10.30	7.44	0.17
17:16:25	10.44	7.34	0.16
17:16:35	10.54	7.28	0.16
17:16:45	10.52	7.31	0.16
17:16:55	10.45	7.38	0.16
17:17:05	10.34	7.46	0.16
17:17:15	10.30	7.49	0.16
17:17:25	10.29	7.49	0.15
17:17:35	10.36	7.43	0.17
17:17:45	10.49	7.33	0.16
17:17:55	10.66	7.22	0.16
17:18:05	10.75	7.17	0.16
17:18:15	10.73	7.20	0.16
17:18:25	10.68	7.23	0.16
17:18:35	10.60	7.31	0.16
17:18:45	10.54	7.34	0.16
17:18:55	10.51	7.35	0.16
17:19:05	10.57	7.30	0.15
17:19:15	10.66	7.22	0.15
17:19:25	10.83	7.09	0.15
17:19:35	10.90	7.06	0.16
17:19:45	10.82	7.13	0.15
17:19:55	10.70	7.22	0.15
<b>End Run 2B</b>	<b>11.05</b>	<b>6.82</b>	<b>0.18</b>
17:20:05	10.58	7.31	0.15
17:20:15	10.53	7.34	0.15
17:20:25	10.47	7.37	0.15
17:20:35	10.54	7.30	0.15
17:20:45	10.64	7.22	0.15
17:20:55	10.78	7.13	0.15
17:21:05	10.83	7.11	0.15
17:21:15	10.76	7.19	0.15
17:21:25	10.68	7.24	0.16
17:21:35	10.58	7.31	0.16
17:21:45	10.54	7.34	0.16
17:21:55	10.49	7.36	0.16
17:22:05	10.57	7.30	0.16
17:22:15	10.70	7.19	0.15
17:22:25	10.86	7.07	0.16
17:22:35	10.91	7.06	0.16

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
17:22:45	10.87	7.10	0.15
17:22:55	10.84	7.13	0.17
17:23:05	10.78	7.17	0.17
17:23:15	10.74	7.21	0.16
17:23:25	10.70	7.22	0.18
17:23:35	10.74	7.15	0.17
17:23:45	10.86	7.10	0.17
17:23:55	10.91	7.03	0.19
17:24:05	11.11	6.87	0.19
17:24:15	11.52	6.50	0.20
17:24:25	12.28	5.84	0.20
17:24:35	13.11	5.20	0.20
17:24:45	13.85	4.68	0.20
17:24:55	14.38	4.31	0.30
17:25:05	6.41	0.37	0.18
17:25:15	0.34	0.18	0.02
17:25:25	0.21	0.14	0.02
17:25:35	0.18	0.12	0.01
17:25:45	0.14	0.10	-0.01
17:25:55	0.11	0.09	-0.02
17:26:05	0.10	0.09	-0.02
17:26:15	0.09	0.08	-0.02
17:26:25	0.08	0.08	-0.01
17:26:35	0.07	0.07	-0.01
<b>N2 Zero</b>	<b>0.08</b>	<b>0.08</b>	<b>-0.02</b>
17:26:45	8.20	2.74	0.28
17:26:55	9.35	9.13	0.03
17:27:05	9.89	9.68	-0.01
17:27:15	9.93	9.77	-0.02
17:27:25	9.94	9.82	-0.02
17:27:35	9.96	9.85	-0.02
17:27:45	9.96	9.87	-0.02
17:27:55	9.97	9.88	-0.03
17:28:05	9.98	9.89	-0.03
17:28:15	9.98	9.89	-0.03
<b>10.1/10.0 O2/CO2</b>	<b>9.97</b>	<b>9.89</b>	<b>-0.03</b>
17:28:25	10.49	8.64	0.31
17:28:35	13.53	5.75	8.85
17:28:45	20.12	0.39	14.87
17:28:55	20.30	0.25	15.12
17:29:05	20.36	0.18	15.18
17:29:15	20.39	0.15	15.21
17:29:25	20.41	0.12	15.24
17:29:35	20.43	0.10	15.25
17:29:45	20.44	0.09	15.25
17:29:55	20.45	0.08	15.25
<b>14.8 propane</b>	<b>20.44</b>	<b>0.09</b>	<b>15.25</b>
17:30:05	20.46	0.07	15.25
17:30:15	20.46	0.07	15.25

**Veolia Sauguet Unit 3**

Uncorrected Concentrations									
16-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 3A	950-1057	11.58	5.98						0.00
Run 3B	1230-1555	10.52	7.28				0.11	44.38	0.19

Corrected O <sub>2</sub> Conc.					
16-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	950-1057	11.58	0.05	1.02	11.74
Run 3B	1230-1555	10.52	0.06	1.02	10.72

Corrected CO <sub>2</sub> Conc.					
16-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	950-1057	5.98	0.06	1.02	6.02
Run 3B	1230-1555	7.28	0.06	1.02	7.36

**Veolia Sauget Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/17/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 0-25  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	7:46	0.01	0.01	0.0%
span gas	cc189665	22.50	7:47	22.51	0.01	0.0%
mid-range	cc43355	10.10	7:48	10.10	0.00	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3A	0.00	0.01	7:51	0.04	0.1%	11:10	0.06	0.2%	0.1%	C <sub>0</sub> = 0.051 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.018
	10.10	10.10	7:50	10.00	-0.4%	11:12	9.93	-0.7%	-0.3%	
Run 3B	0.00	0.01	11:10	0.06	0.2%	16:03	0.07	0.3%	0.0%	C <sub>0</sub> = 0.063 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.025
	10.10	10.10	11:12	9.93	-0.7%	16:05	9.90	-0.9%	-0.1%	

**Veolia Sauget Unit 3  
CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/17/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 0-20  
 Units: %  
 Technician(s): dc

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	7:46	0.04	0.04	0.2%
span gas	cc189665	19.20	7:47	19.21	0.01	0.0%
mid-range	cc43355	10.00	7:48	10.10	0.10	0.5%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 3B	0.00	0.04	7:51	0.06	0.1%	11:10	0.05	0.0%	-0.1%	C <sub>O</sub> = 0.055
	10.00	10.10	7:50	9.89	-1.1%	11:12	9.88	-1.1%	0.0%	C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.017
Run 3B	0.00	0.04	11:10	0.05	0.0%	16:03	0.07	0.1%	0.1%	C <sub>O</sub> = 0.056
	10.00	10.10	11:12	9.88	-1.1%	16:05	9.85	-1.3%	-0.2%	C <sub>MM</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.019

**Veolia Sauget Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/16/2013  
**Instrument Make/Model:** Thermo 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 0-30  
**Units:** ppm  
**Technician(s):** dc

<b>EPA Method 25A Calibration Error Test Results</b>						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	12:16	-0.07	0.07	n/a
<b>Span</b>	alm025456	24.70	12:18	24.93	0.23	0.9%
<b>Mid</b>	alm028646	14.80	12:19	15.09	0.29	2.0%
<b>Low</b>	alm057529	8.43	12:21	8.54	0.11	1.3%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 3B	-0.07	13:37	-0.02	0.2
	15.09	13:39	14.80	-1.0
Run 3B	-0.07	14:40	-0.05	0.1
	15.09	14:42	14.58	-1.7
Run 3B	-0.07	16:03	-0.04	0.1
	15.09	16:07	14.96	-0.4



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 7:39:51	20.56	0.19	1.58
10/17/2013 7:40:01	20.56	0.19	1.54
10/17/2013 7:40:11	20.57	0.23	1.72
10/17/2013 7:40:21	20.44	0.24	1.69
10/17/2013 7:40:31	20.66	0.09	1.03
10/17/2013 7:40:41	20.68	0.08	0.96
10/17/2013 7:40:51	20.68	0.08	0.94
10/17/2013 7:41:01	20.68	0.08	0.92
10/17/2013 7:41:11	20.70	0.08	0.92
10/17/2013 7:41:21	20.74	0.08	0.93
10/17/2013 7:41:31	20.75	0.08	0.94
10/17/2013 7:41:41	20.76	0.08	0.91
10/17/2013 7:41:51	20.76	0.08	0.90
10/17/2013 7:42:01	20.76	0.08	0.90
10/17/2013 7:42:11	20.76	0.08	0.90
10/17/2013 7:42:21	20.87	0.08	0.90
10/17/2013 7:42:31	20.91	0.08	0.90
10/17/2013 7:42:41	3.39	0.02	0.91
10/17/2013 7:42:51	0.12	0.02	0.93
10/17/2013 7:43:01	0.08	0.02	0.95
10/17/2013 7:43:11	0.06	0.02	0.93
10/17/2013 7:43:21	0.03	0.02	0.93
10/17/2013 7:43:31	0.02	0.02	0.93
10/17/2013 7:43:41	0.02	0.02	0.91
10/17/2013 7:43:51	0.15	0.02	0.92
10/17/2013 7:44:01	22.13	19.07	0.93
10/17/2013 7:44:11	22.52	19.14	0.93
10/17/2013 7:44:21	22.49	19.16	0.95
10/17/2013 7:44:31	22.51	19.18	0.93
10/17/2013 7:44:41	22.51	19.20	0.94
10/17/2013 7:44:51	22.42	19.02	0.96
10/17/2013 7:45:01	14.88	2.05	0.96
10/17/2013 7:45:11	0.15	0.11	0.94
10/17/2013 7:45:21	0.03	0.08	0.93
10/17/2013 7:45:31	0.02	0.06	0.91
10/17/2013 7:45:41	0.01	0.05	0.92
10/17/2013 7:45:51	0.01	0.04	1.02
10/17/2013 7:46:01	0.01	0.04	0.98
<b>N2 Zero</b>	<b>0.01</b>	<b>0.04</b>	<b>0.97</b> cal error
10/17/2013 7:46:11	6.95	7.16	0.97
10/17/2013 7:46:21	22.34	19.15	0.92
10/17/2013 7:46:31	22.49	19.18	0.91
10/17/2013 7:46:41	22.50	19.20	0.90
10/17/2013 7:46:51	22.51	19.21	0.90
10/17/2013 7:47:01	22.51	19.22	0.89
<b>22.5/19.2 O2/CO2</b>	<b>22.51</b>	<b>19.21</b>	<b>0.90</b>
10/17/2013 7:47:11	22.42	19.04	0.89
10/17/2013 7:47:21	17.77	10.32	0.90
10/17/2013 7:47:31	10.18	10.11	0.89
10/17/2013 7:47:41	10.11	10.11	0.89
10/17/2013 7:47:51	10.10	10.10	0.88

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
10/17/2013 7:48:01	10.10	10.10	0.86
10/17/2013 7:48:11	10.10	10.10	0.87
10/17/2013 7:48:21	10.10	10.10	0.90
<b>10.1/10.0 O2/CO2</b>	<b>10.10</b>	<b>10.10</b>	<b>0.88</b>
10/17/2013 7:48:31	10.08	10.08	0.92
10/17/2013 7:48:41	11.27	7.31	2.13
10/17/2013 7:48:51	13.82	8.13	0.98
10/17/2013 7:49:01	10.21	9.72	-0.07
10/17/2013 7:49:11	10.09	9.79	-0.10
10/17/2013 7:49:21	10.05	9.84	-0.10
10/17/2013 7:49:31	10.03	9.87	-0.11
10/17/2013 7:49:41	10.01	9.88	-0.12
10/17/2013 7:49:51	10.00	9.89	-0.13
10/17/2013 7:50:01	10.00	9.89	-0.13
<b>10.1/10.0 O2/CO2</b>	<b>10.00</b>	<b>9.89</b>	<b>-0.12</b> cal bias
10/17/2013 7:50:11	9.99	9.90	-0.12
10/17/2013 7:50:21	11.21	8.00	0.41
10/17/2013 7:50:31	9.21	2.16	-0.09
10/17/2013 7:50:41	0.39	0.26	-0.13
10/17/2013 7:50:51	0.17	0.17	-0.14
10/17/2013 7:51:01	0.11	0.12	-0.14
10/17/2013 7:51:11	0.08	0.10	-0.14
10/17/2013 7:51:21	0.06	0.08	-0.14
10/17/2013 7:51:31	0.05	0.07	-0.14
10/17/2013 7:51:41	0.04	0.06	-0.14
10/17/2013 7:51:51	0.04	0.07	-0.14
<b>N2 Zero</b>	<b>0.04</b>	<b>0.06</b>	<b>-0.14</b>
10/17/2013 7:52:01	1.17	0.07	0.51
10/17/2013 7:52:11	19.36	0.11	0.89
10/17/2013 7:52:21	20.36	0.11	0.94
10/17/2013 7:52:31	20.49	0.11	0.97
10/17/2013 7:52:41	20.55	0.11	0.94
10/17/2013 7:52:51	20.59	0.11	0.95
10/17/2013 7:53:01	20.61	0.10	0.95
10/17/2013 7:53:11	20.63	0.10	0.94
10/17/2013 7:53:21	20.63	0.10	0.95
10/17/2013 7:53:31	20.63	0.10	0.93
10/17/2013 7:53:41	20.65	0.10	0.90
10/17/2013 7:53:51	20.65	0.10	0.89
10/17/2013 7:54:01	20.66	0.10	0.88
10/17/2013 7:54:11	20.66	0.10	0.88
10/17/2013 7:54:21	20.66	0.10	0.88
10/17/2013 7:54:31	20.67	0.09	0.89
10/17/2013 7:54:41	20.67	0.09	0.91
10/17/2013 7:54:51	20.67	0.09	0.93
10/17/2013 7:55:01	20.67	0.09	0.92
10/17/2013 7:55:11	20.67	0.09	0.92
10/17/2013 7:55:21	20.67	0.09	0.91
10/17/2013 7:55:31	20.68	0.09	0.91
10/17/2013 7:55:41	20.68	0.09	0.91
10/17/2013 7:55:51	20.68	0.09	0.93
10/17/2013 7:56:01	20.68	0.09	0.92

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 7:56:11	20.68	0.09	0.91
10/17/2013 7:56:21	20.68	0.09	0.92
10/17/2013 7:56:31	20.68	0.09	0.93
10/17/2013 7:56:41	20.68	0.09	0.94
10/17/2013 7:56:51	20.68	0.09	0.95
10/17/2013 7:57:01	20.68	0.09	1.00
10/17/2013 7:57:11	20.68	0.09	1.01
10/17/2013 7:57:21	20.68	0.09	1.01
10/17/2013 7:57:31	20.68	0.09	0.97
10/17/2013 7:57:41	20.68	0.09	0.97
10/17/2013 7:57:51	20.68	0.09	0.95
10/17/2013 7:58:01	20.68	0.09	0.95
10/17/2013 7:58:11	20.68	0.09	0.95
10/17/2013 7:58:21	20.68	0.08	0.96
10/17/2013 7:58:31	20.69	0.08	0.97
10/17/2013 7:58:41	20.69	0.08	0.97
10/17/2013 7:58:51	20.69	0.08	0.96
10/17/2013 7:59:01	20.69	0.08	0.97
10/17/2013 7:59:11	20.69	0.08	0.95
10/17/2013 7:59:21	20.69	0.08	0.95
10/17/2013 7:59:31	20.69	0.08	0.95
10/17/2013 7:59:41	20.69	0.08	0.99
10/17/2013 7:59:51	20.69	0.08	1.00
10/17/2013 8:00:01	20.69	0.08	0.99
10/17/2013 8:00:11	20.69	0.08	0.99
10/17/2013 8:00:21	20.69	0.08	1.00
10/17/2013 8:00:31	20.69	0.08	1.01
10/17/2013 8:00:41	20.69	0.08	0.97
10/17/2013 8:00:51	20.69	0.08	0.94
10/17/2013 8:01:01	20.69	0.08	0.98
10/17/2013 8:01:11	20.69	0.08	0.99
10/17/2013 8:01:21	20.69	0.08	1.02
10/17/2013 8:01:31	20.69	0.08	1.01
10/17/2013 8:01:41	20.69	0.08	0.99
10/17/2013 8:01:51	20.69	0.08	1.01
10/17/2013 8:02:01	20.69	0.08	0.98
10/17/2013 8:02:11	20.69	0.08	0.93
10/17/2013 8:02:21	20.69	0.08	0.93
10/17/2013 8:02:31	20.69	0.08	0.94
10/17/2013 8:02:41	20.69	0.08	0.93
10/17/2013 8:02:51	20.69	0.08	0.95
10/17/2013 8:03:01	20.69	0.08	0.96
10/17/2013 8:03:11	20.69	0.08	1.06
10/17/2013 8:03:21	20.69	0.08	0.96
10/17/2013 8:03:31	20.69	0.08	0.95
10/17/2013 8:03:41	20.69	0.08	0.93
10/17/2013 8:03:51	20.69	0.08	0.92
10/17/2013 8:04:01	20.69	0.08	0.91
10/17/2013 8:04:11	20.69	0.08	0.93
10/17/2013 8:04:21	20.69	0.08	0.95
10/17/2013 8:04:31	20.69	0.08	0.93
10/17/2013 8:04:41	20.69	0.07	0.93

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:04:51	20.69	0.06	0.92
10/17/2013 8:05:01	20.69	0.07	0.90
10/17/2013 8:05:11	20.69	0.07	0.89
10/17/2013 8:05:21	20.69	0.07	0.91
10/17/2013 8:05:31	20.69	0.07	0.94
10/17/2013 8:05:41	20.69	0.07	0.94
10/17/2013 8:05:51	20.69	0.07	0.97
10/17/2013 8:06:01	20.69	0.07	0.96
10/17/2013 8:06:11	20.69	0.07	0.97
10/17/2013 8:06:21	20.69	0.07	0.97
10/17/2013 8:06:31	20.70	0.07	0.98
10/17/2013 8:06:41	20.70	0.07	0.97
10/17/2013 8:06:51	20.70	0.07	0.95
10/17/2013 8:07:01	20.70	0.06	0.96
10/17/2013 8:07:11	20.69	0.06	0.96
10/17/2013 8:07:21	20.70	0.06	0.92
10/17/2013 8:07:31	20.69	0.06	0.89
10/17/2013 8:07:41	20.69	0.06	0.85
10/17/2013 8:07:51	20.70	0.06	0.83
10/17/2013 8:08:01	20.70	0.06	0.82
10/17/2013 8:08:11	20.70	0.06	0.82
10/17/2013 8:08:21	20.70	0.06	0.82
10/17/2013 8:08:31	20.70	0.06	0.84
10/17/2013 8:08:41	20.70	0.06	0.84
10/17/2013 8:08:51	20.70	0.06	0.81
10/17/2013 8:09:01	20.70	0.06	0.82
10/17/2013 8:09:11	20.69	0.06	0.83
10/17/2013 8:09:21	20.69	0.06	0.80
10/17/2013 8:09:31	20.69	0.06	0.80
10/17/2013 8:09:41	20.70	0.06	0.80
10/17/2013 8:09:51	20.70	0.06	0.80
10/17/2013 8:10:01	20.69	0.06	0.80
10/17/2013 8:10:11	20.69	0.06	0.82
10/17/2013 8:10:21	20.69	0.06	0.82
10/17/2013 8:10:31	20.69	0.06	0.81
10/17/2013 8:10:41	20.69	0.06	0.84
10/17/2013 8:10:51	20.70	0.06	0.87
10/17/2013 8:11:01	20.70	0.06	0.88
10/17/2013 8:11:11	20.69	0.07	0.87
10/17/2013 8:11:21	20.69	0.08	0.87
10/17/2013 8:11:31	20.69	0.08	0.88
10/17/2013 8:11:41	20.69	0.08	0.90
10/17/2013 8:11:51	20.69	0.09	0.91
10/17/2013 8:12:01	20.69	0.09	0.91
10/17/2013 8:12:11	20.69	0.09	0.93
10/17/2013 8:12:21	20.69	0.09	0.96
10/17/2013 8:12:31	20.69	0.09	0.97
10/17/2013 8:12:41	20.69	0.09	0.99
10/17/2013 8:12:51	20.69	0.09	0.95
10/17/2013 8:13:01	20.69	0.09	0.94
10/17/2013 8:13:11	20.69	0.09	0.94
10/17/2013 8:13:21	20.69	0.09	0.93

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:13:31	20.69	0.08	0.93
10/17/2013 8:13:41	20.69	0.08	0.93
10/17/2013 8:13:51	20.69	0.09	0.93
10/17/2013 8:14:01	20.70	0.09	0.92
10/17/2013 8:14:11	20.69	0.08	0.88
10/17/2013 8:14:21	20.69	0.09	0.88
10/17/2013 8:14:31	20.70	0.09	0.87
10/17/2013 8:14:41	20.70	0.09	0.85
10/17/2013 8:14:51	20.69	0.09	0.87
10/17/2013 8:15:01	20.70	0.09	0.82
10/17/2013 8:15:11	20.70	0.09	0.82
10/17/2013 8:15:21	20.69	0.09	0.84
10/17/2013 8:15:31	20.70	0.08	0.87
10/17/2013 8:15:41	20.70	0.07	0.97
10/17/2013 8:15:51	20.70	0.07	1.09
10/17/2013 8:16:01	20.70	0.07	1.05
10/17/2013 8:16:11	20.70	0.07	1.05
10/17/2013 8:16:21	20.69	0.07	1.08
10/17/2013 8:16:31	20.70	0.07	1.05
10/17/2013 8:16:41	20.70	0.07	0.99
10/17/2013 8:16:51	20.70	0.07	0.99
10/17/2013 8:17:01	20.70	0.07	0.97
10/17/2013 8:17:11	20.70	0.07	0.99
10/17/2013 8:17:21	20.70	0.07	0.99
10/17/2013 8:17:31	20.70	0.07	0.97
10/17/2013 8:17:41	20.70	0.07	0.94
10/17/2013 8:17:51	20.69	0.06	0.92
10/17/2013 8:18:01	20.69	0.07	0.91
10/17/2013 8:18:11	20.69	0.07	0.89
10/17/2013 8:18:21	20.69	0.07	0.90
10/17/2013 8:18:31	20.70	0.07	0.92
10/17/2013 8:18:41	20.70	0.07	1.00
10/17/2013 8:18:51	20.70	0.07	1.04
10/17/2013 8:19:01	20.69	0.06	0.99
10/17/2013 8:19:11	20.70	0.06	0.96
10/17/2013 8:19:21	20.70	0.06	0.92
10/17/2013 8:19:31	20.70	0.06	0.87
10/17/2013 8:19:41	20.70	0.06	0.85
10/17/2013 8:19:51	20.70	0.06	0.84
10/17/2013 8:20:01	20.70	0.07	0.83
10/17/2013 8:20:11	20.70	0.06	0.83
10/17/2013 8:20:21	20.70	0.06	0.81
10/17/2013 8:20:31	20.70	0.07	0.81
10/17/2013 8:20:41	20.70	0.07	0.82
10/17/2013 8:20:51	20.69	0.07	0.82
10/17/2013 8:21:01	20.70	0.07	0.81
10/17/2013 8:21:11	20.69	0.07	0.83
10/17/2013 8:21:21	20.70	0.07	0.84
10/17/2013 8:21:31	20.69	0.07	0.83
10/17/2013 8:21:41	20.69	0.07	0.85
10/17/2013 8:21:51	20.69	0.07	0.83
10/17/2013 8:22:01	20.69	0.07	0.85

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:22:11	20.70	0.07	0.88
10/17/2013 8:22:21	20.69	0.06	0.88
10/17/2013 8:22:31	20.70	0.06	0.87
10/17/2013 8:22:41	20.69	0.07	0.87
10/17/2013 8:22:51	20.70	0.07	0.86
10/17/2013 8:23:01	20.70	0.07	0.90
10/17/2013 8:23:11	20.70	0.07	0.95
10/17/2013 8:23:21	20.69	0.07	0.99
10/17/2013 8:23:31	20.70	0.07	1.01
10/17/2013 8:23:41	20.70	0.07	1.03
10/17/2013 8:23:51	20.69	0.07	1.09
10/17/2013 8:24:01	20.70	0.07	1.14
10/17/2013 8:24:11	20.69	0.07	1.02
10/17/2013 8:24:21	20.70	0.06	1.02
10/17/2013 8:24:31	20.70	0.07	1.05
10/17/2013 8:24:41	20.70	0.07	1.14
10/17/2013 8:24:51	20.70	0.06	1.19
10/17/2013 8:25:01	20.70	0.06	1.10
10/17/2013 8:25:11	20.70	0.06	1.06
10/17/2013 8:25:21	20.70	0.06	1.03
10/17/2013 8:25:31	20.70	0.06	0.97
10/17/2013 8:25:41	20.70	0.06	1.01
10/17/2013 8:25:51	20.70	0.06	1.02
10/17/2013 8:26:01	20.70	0.06	1.02
10/17/2013 8:26:11	20.70	0.06	1.03
10/17/2013 8:26:21	20.70	0.06	1.04
10/17/2013 8:26:31	20.70	0.06	1.01
10/17/2013 8:26:41	20.70	0.07	1.04
10/17/2013 8:26:51	20.70	0.07	1.11
10/17/2013 8:27:01	20.70	0.07	1.11
10/17/2013 8:27:11	20.70	0.07	1.09
10/17/2013 8:27:21	20.70	0.07	1.03
10/17/2013 8:27:31	20.70	0.07	1.02
10/17/2013 8:27:41	20.70	0.07	1.01
10/17/2013 8:27:51	20.70	0.07	1.00
10/17/2013 8:28:01	20.70	0.06	0.99
10/17/2013 8:28:11	20.70	0.06	1.00
10/17/2013 8:28:21	20.70	0.06	1.05
10/17/2013 8:28:31	20.70	0.06	1.02
10/17/2013 8:28:41	20.70	0.06	0.95
10/17/2013 8:28:51	20.70	0.07	0.88
10/17/2013 8:29:01	20.70	0.07	0.92
10/17/2013 8:29:11	20.70	0.07	0.93
10/17/2013 8:29:21	20.70	0.07	0.91
10/17/2013 8:29:31	20.70	0.07	0.88
10/17/2013 8:29:41	20.70	0.07	0.85
10/17/2013 8:29:51	20.70	0.07	0.84
10/17/2013 8:30:01	20.70	0.07	0.84
10/17/2013 8:30:11	20.70	0.07	0.84
10/17/2013 8:30:21	20.70	0.07	0.84
10/17/2013 8:30:31	20.70	0.07	0.84
10/17/2013 8:30:41	20.70	0.07	0.83

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:30:51	20.70	0.07	0.83
10/17/2013 8:31:01	20.70	0.07	0.82
10/17/2013 8:31:11	20.70	0.07	0.83
10/17/2013 8:31:21	20.70	0.07	0.83
10/17/2013 8:31:31	20.70	0.07	0.81
10/17/2013 8:31:41	20.70	0.07	0.81
10/17/2013 8:31:51	20.70	0.07	0.80
10/17/2013 8:32:01	20.70	0.07	0.80
10/17/2013 8:32:11	20.69	0.07	0.81
10/17/2013 8:32:21	20.70	0.07	0.81
10/17/2013 8:32:31	20.69	0.07	0.81
10/17/2013 8:32:41	20.70	0.07	0.81
10/17/2013 8:32:51	20.69	0.07	0.82
10/17/2013 8:33:01	20.70	0.07	0.84
10/17/2013 8:33:11	20.70	0.07	0.87
10/17/2013 8:33:21	20.70	0.07	0.85
10/17/2013 8:33:31	20.69	0.07	0.84
10/17/2013 8:33:41	20.69	0.07	0.85
10/17/2013 8:33:51	20.70	0.07	0.88
10/17/2013 8:34:01	20.70	0.07	0.86
10/17/2013 8:34:11	20.70	0.07	0.84
10/17/2013 8:34:21	20.70	0.07	0.84
10/17/2013 8:34:31	20.70	0.07	0.83
10/17/2013 8:34:41	20.70	0.07	0.83
10/17/2013 8:34:51	20.69	0.07	0.82
10/17/2013 8:35:01	20.70	0.07	0.82
10/17/2013 8:35:11	20.70	0.08	0.82
10/17/2013 8:35:21	20.70	0.07	0.81
10/17/2013 8:35:31	20.69	0.08	0.81
10/17/2013 8:35:41	20.69	0.08	0.80
10/17/2013 8:35:51	20.69	0.08	0.79
10/17/2013 8:36:01	20.69	0.08	0.80
10/17/2013 8:36:11	20.69	0.08	0.56
10/17/2013 8:36:21	15.44	3.22	0.18
10/17/2013 8:36:31	14.78	3.33	0.32
10/17/2013 8:36:41	14.75	3.32	0.59
10/17/2013 8:36:51	15.83	2.69	0.74
10/17/2013 8:37:01	15.69	2.86	0.78
10/17/2013 8:37:11	15.26	3.09	0.74
10/17/2013 8:37:21	14.91	3.28	0.67
10/17/2013 8:37:31	14.77	3.34	0.66
10/17/2013 8:37:41	14.77	3.33	0.61
10/17/2013 8:37:51	14.81	3.30	0.57
10/17/2013 8:38:01	14.84	3.29	0.52
10/17/2013 8:38:11	14.91	3.24	0.48
10/17/2013 8:38:21	15.11	3.11	0.44
10/17/2013 8:38:31	15.31	2.99	0.41
10/17/2013 8:38:41	15.42	2.96	0.41
10/17/2013 8:38:51	15.74	2.71	0.41
10/17/2013 8:39:01	15.95	2.68	0.41
10/17/2013 8:39:11	15.99	2.67	0.42
10/17/2013 8:39:21	15.77	2.80	0.41

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:39:31	15.45	2.99	0.39
10/17/2013 8:39:41	15.15	3.16	0.38
10/17/2013 8:39:51	14.84	3.33	0.36
10/17/2013 8:40:01	14.60	3.45	0.36
10/17/2013 8:40:11	14.39	3.57	0.34
10/17/2013 8:40:21	14.21	3.66	0.33
10/17/2013 8:40:31	14.10	3.71	0.32
10/17/2013 8:40:41	14.45	3.46	0.32
10/17/2013 8:40:51	14.43	3.52	0.34
10/17/2013 8:41:01	14.18	3.68	0.32
10/17/2013 8:41:11	14.00	3.76	0.31
10/17/2013 8:41:21	13.90	3.81	0.32
10/17/2013 8:41:31	13.85	3.83	0.31
10/17/2013 8:41:41	13.84	3.84	0.31
10/17/2013 8:41:51	13.83	3.84	0.31
10/17/2013 8:42:01	13.84	3.85	0.31
10/17/2013 8:42:11	13.85	3.85	0.29
10/17/2013 8:42:21	13.85	3.84	0.29
10/17/2013 8:42:31	13.86	3.83	0.29
10/17/2013 8:42:41	13.87	3.83	0.27
10/17/2013 8:42:51	13.86	3.84	0.27
10/17/2013 8:43:01	13.86	3.84	0.27
10/17/2013 8:43:11	13.85	3.85	0.27
10/17/2013 8:43:21	13.86	3.84	0.26
10/17/2013 8:43:31	13.85	3.85	0.26
10/17/2013 8:43:41	13.85	3.84	0.26
10/17/2013 8:43:51	13.84	3.85	0.26
10/17/2013 8:44:01	13.85	3.83	0.26
10/17/2013 8:44:11	13.86	3.84	0.26
10/17/2013 8:44:21	13.83	3.88	0.26
10/17/2013 8:44:31	13.80	3.90	0.27
10/17/2013 8:44:41	13.87	3.86	0.26
10/17/2013 8:44:51	14.00	3.81	0.26
10/17/2013 8:45:01	14.15	3.73	0.25
10/17/2013 8:45:11	14.30	3.67	0.24
10/17/2013 8:45:21	14.39	3.63	0.24
10/17/2013 8:45:31	14.46	3.60	0.24
10/17/2013 8:45:41	14.50	3.60	0.24
10/17/2013 8:45:51	14.51	3.62	0.23
10/17/2013 8:46:01	14.47	3.65	0.23
10/17/2013 8:46:11	14.43	3.69	0.23
10/17/2013 8:46:21	14.37	3.73	0.21
10/17/2013 8:46:31	14.32	3.77	0.23
10/17/2013 8:46:41	14.26	3.82	0.23
10/17/2013 8:46:51	14.17	3.90	0.23
10/17/2013 8:47:01	14.04	4.01	0.23
10/17/2013 8:47:11	13.92	4.09	0.21
10/17/2013 8:47:21	13.87	4.14	0.22
10/17/2013 8:47:31	13.82	4.20	0.21
10/17/2013 8:47:41	13.79	4.23	0.21
10/17/2013 8:47:51	13.81	4.23	0.21
10/17/2013 8:48:01	13.93	4.17	0.21



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:48:11	14.07	4.10	0.22
10/17/2013 8:48:21	14.21	4.04	0.22
10/17/2013 8:48:31	14.34	3.97	0.22
10/17/2013 8:48:41	14.42	3.94	0.22
10/17/2013 8:48:51	14.44	3.95	0.21
10/17/2013 8:49:01	14.45	3.95	0.22
10/17/2013 8:49:11	14.45	3.97	0.23
10/17/2013 8:49:21	14.41	4.00	0.22
10/17/2013 8:49:31	14.39	4.02	0.22
10/17/2013 8:49:41	14.32	4.07	0.22
10/17/2013 8:49:51	14.26	4.10	0.22
10/17/2013 8:50:01	14.20	4.15	0.21
10/17/2013 8:50:11	14.14	4.18	0.21
10/17/2013 8:50:21	14.12	4.20	0.21
10/17/2013 8:50:31	14.08	4.22	0.22
10/17/2013 8:50:41	14.03	4.26	0.22
10/17/2013 8:50:51	13.92	4.34	0.23
10/17/2013 8:51:01	13.82	4.41	0.24
10/17/2013 8:51:11	13.70	4.48	0.23
10/17/2013 8:51:21	13.59	4.56	0.22
10/17/2013 8:51:31	13.51	4.62	0.21
10/17/2013 8:51:41	13.44	4.67	0.21
10/17/2013 8:51:51	13.39	4.70	0.21
10/17/2013 8:52:01	13.37	4.72	0.21
10/17/2013 8:52:11	13.34	4.74	0.21
10/17/2013 8:52:21	13.32	4.77	0.20
10/17/2013 8:52:31	13.30	4.78	0.20
10/17/2013 8:52:41	13.31	4.78	0.20
10/17/2013 8:52:51	13.32	4.77	0.20
10/17/2013 8:53:01	13.33	4.77	0.19
10/17/2013 8:53:11	13.33	4.77	0.20
10/17/2013 8:53:21	13.34	4.77	0.19
10/17/2013 8:53:31	13.33	4.78	0.20
10/17/2013 8:53:41	13.31	4.78	0.20
10/17/2013 8:53:51	13.30	4.80	0.19
10/17/2013 8:54:01	13.30	4.79	0.19
10/17/2013 8:54:11	13.30	4.79	0.20
10/17/2013 8:54:21	13.31	4.79	0.21
10/17/2013 8:54:31	13.32	4.78	0.20
10/17/2013 8:54:41	13.34	4.77	0.20
10/17/2013 8:54:51	13.35	4.75	0.20
10/17/2013 8:55:01	13.37	4.74	0.21
10/17/2013 8:55:11	13.40	4.72	0.20
10/17/2013 8:55:21	13.41	4.71	0.21
10/17/2013 8:55:31	13.42	4.70	0.20
10/17/2013 8:55:41	13.44	4.69	0.20
10/17/2013 8:55:51	13.44	4.69	0.20
10/17/2013 8:56:01	13.43	4.69	0.19
10/17/2013 8:56:11	13.42	4.69	0.18
10/17/2013 8:56:21	13.43	4.68	0.19
10/17/2013 8:56:31	13.43	4.69	0.19
10/17/2013 8:56:41	13.42	4.70	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 8:56:51	13.40	4.70	0.17
10/17/2013 8:57:01	13.41	4.70	0.17
10/17/2013 8:57:11	13.41	4.70	0.18
10/17/2013 8:57:21	13.40	4.70	0.18
10/17/2013 8:57:31	13.40	4.71	0.17
10/17/2013 8:57:41	13.40	4.71	0.17
10/17/2013 8:57:51	13.40	4.70	0.17
10/17/2013 8:58:01	13.39	4.71	0.18
10/17/2013 8:58:11	13.38	4.71	0.20
10/17/2013 8:58:21	13.40	4.70	0.20
10/17/2013 8:58:31	13.41	4.70	0.18
10/17/2013 8:58:41	13.41	4.69	0.19
10/17/2013 8:58:51	13.40	4.70	0.19
10/17/2013 8:59:01	13.39	4.71	0.20
10/17/2013 8:59:11	13.39	4.71	0.19
10/17/2013 8:59:21	13.40	4.71	0.20
10/17/2013 8:59:31	13.38	4.72	0.19
10/17/2013 8:59:41	13.33	4.77	0.20
10/17/2013 8:59:51	13.27	4.79	0.20
10/17/2013 9:00:01	13.24	4.82	0.19
10/17/2013 9:00:11	13.20	4.85	0.18
10/17/2013 9:00:21	13.16	4.87	0.18
10/17/2013 9:00:31	13.12	4.90	0.18
10/17/2013 9:00:41	13.09	4.93	0.18
10/17/2013 9:00:51	13.07	4.93	0.19
10/17/2013 9:01:01	13.07	4.94	0.19
10/17/2013 9:01:11	13.05	4.95	0.18
10/17/2013 9:01:21	13.05	4.95	0.18
10/17/2013 9:01:31	13.07	4.94	0.18
10/17/2013 9:01:41	13.07	4.94	0.18
10/17/2013 9:01:51	13.07	4.94	0.19
10/17/2013 9:02:01	13.08	4.94	0.19
10/17/2013 9:02:11	13.07	4.94	0.18
10/17/2013 9:02:21	13.06	4.96	0.19
10/17/2013 9:02:31	13.07	4.95	0.18
10/17/2013 9:02:41	13.07	4.96	0.18
10/17/2013 9:02:51	13.05	4.97	0.18
10/17/2013 9:03:01	13.06	4.96	0.17
10/17/2013 9:03:11	13.03	4.98	0.17
10/17/2013 9:03:21	13.04	4.97	0.17
10/17/2013 9:03:31	13.05	4.97	0.17
10/17/2013 9:03:41	13.03	4.98	0.18
10/17/2013 9:03:51	13.04	4.97	0.18
10/17/2013 9:04:01	13.04	4.96	0.19
10/17/2013 9:04:11	13.05	4.96	0.19
10/17/2013 9:04:21	13.05	4.96	0.17
10/17/2013 9:04:31	13.04	4.98	0.18
10/17/2013 9:04:41	13.03	4.98	0.18
10/17/2013 9:04:51	13.03	4.98	0.18
10/17/2013 9:05:01	13.02	4.98	0.18
10/17/2013 9:05:11	13.03	4.98	0.19
10/17/2013 9:05:21	13.02	4.98	0.19

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:05:31	13.00	5.00	0.18
10/17/2013 9:05:41	12.99	5.00	0.17
10/17/2013 9:05:51	12.99	5.00	0.17
10/17/2013 9:06:01	13.00	4.99	0.17
10/17/2013 9:06:11	12.99	5.01	0.17
10/17/2013 9:06:21	13.00	4.99	0.18
10/17/2013 9:06:31	13.00	5.00	0.18
10/17/2013 9:06:41	12.99	4.99	0.19
10/17/2013 9:06:51	12.99	5.00	0.18
10/17/2013 9:07:01	13.01	5.00	0.18
10/17/2013 9:07:11	13.01	5.01	0.19
10/17/2013 9:07:21	12.98	5.02	0.20
10/17/2013 9:07:31	12.96	5.03	0.20
10/17/2013 9:07:41	12.97	5.02	0.20
10/17/2013 9:07:51	12.96	5.03	0.20
10/17/2013 9:08:01	12.96	5.02	0.20
10/17/2013 9:08:11	12.95	5.03	0.20
10/17/2013 9:08:21	12.96	5.02	0.20
10/17/2013 9:08:31	12.93	5.05	0.20
10/17/2013 9:08:41	12.90	5.06	0.19
10/17/2013 9:08:51	12.88	5.07	0.20
10/17/2013 9:09:01	12.85	5.09	0.19
10/17/2013 9:09:11	12.83	5.10	0.18
10/17/2013 9:09:21	12.82	5.11	0.19
10/17/2013 9:09:31	12.84	5.10	0.19
10/17/2013 9:09:41	12.83	5.10	0.20
10/17/2013 9:09:51	12.81	5.11	0.19
10/17/2013 9:10:01	12.78	5.13	0.20
10/17/2013 9:10:11	12.78	5.13	0.20
10/17/2013 9:10:21	12.78	5.13	0.18
10/17/2013 9:10:31	12.78	5.13	0.20
10/17/2013 9:10:41	12.79	5.12	0.20
10/17/2013 9:10:51	12.77	5.14	0.19
10/17/2013 9:11:01	12.78	5.13	0.19
10/17/2013 9:11:11	12.77	5.14	0.18
10/17/2013 9:11:21	12.78	5.12	0.18
10/17/2013 9:11:31	12.79	5.10	0.20
10/17/2013 9:11:41	12.81	5.09	0.18
10/17/2013 9:11:51	12.81	5.10	0.17
10/17/2013 9:12:01	12.83	5.08	0.17
10/17/2013 9:12:11	12.84	5.08	0.17
10/17/2013 9:12:21	12.86	5.07	0.17
10/17/2013 9:12:31	12.88	5.05	0.17
10/17/2013 9:12:41	12.91	5.03	0.17
10/17/2013 9:12:51	12.92	5.03	0.17
10/17/2013 9:13:01	12.93	5.03	0.17
10/17/2013 9:13:11	12.92	5.04	0.17
10/17/2013 9:13:21	12.92	5.03	0.17
10/17/2013 9:13:31	12.93	5.03	0.17
10/17/2013 9:13:41	12.95	5.03	0.17
10/17/2013 9:13:51	12.95	5.02	0.17
10/17/2013 9:14:01	12.96	5.02	0.18

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:14:11	12.96	5.01	0.18
10/17/2013 9:14:21	12.96	5.02	0.18
10/17/2013 9:14:31	12.96	5.02	0.19
10/17/2013 9:14:41	12.94	5.04	0.18
10/17/2013 9:14:51	12.94	5.04	0.17
10/17/2013 9:15:01	12.92	5.05	0.17
10/17/2013 9:15:11	12.92	5.04	0.18
10/17/2013 9:15:21	12.92	5.05	0.18
10/17/2013 9:15:31	12.93	5.04	0.19
10/17/2013 9:15:41	12.94	5.03	0.19
10/17/2013 9:15:51	12.94	5.03	0.19
10/17/2013 9:16:01	12.95	5.03	0.18
10/17/2013 9:16:11	12.97	5.02	0.18
10/17/2013 9:16:21	12.96	5.02	0.17
10/17/2013 9:16:31	12.97	5.02	0.17
10/17/2013 9:16:41	12.98	5.01	0.16
10/17/2013 9:16:51	12.99	5.00	0.16
10/17/2013 9:17:01	12.99	5.00	0.17
10/17/2013 9:17:11	12.97	5.02	0.17
10/17/2013 9:17:21	12.98	5.01	0.17
10/17/2013 9:17:31	12.97	5.02	0.17
10/17/2013 9:17:41	12.97	5.01	0.18
10/17/2013 9:17:51	12.98	5.01	0.17
10/17/2013 9:18:01	12.98	5.00	0.18
10/17/2013 9:18:11	12.98	5.01	0.16
10/17/2013 9:18:21	12.99	5.01	0.17
10/17/2013 9:18:31	12.98	5.01	0.17
10/17/2013 9:18:41	12.97	5.02	0.18
10/17/2013 9:18:51	12.97	5.03	0.18
10/17/2013 9:19:01	12.96	5.03	0.18
10/17/2013 9:19:11	12.96	5.03	0.17
10/17/2013 9:19:21	12.95	5.04	0.17
10/17/2013 9:19:31	12.94	5.04	0.17
10/17/2013 9:19:41	12.93	5.05	0.17
10/17/2013 9:19:51	12.91	5.06	0.17
10/17/2013 9:20:01	12.90	5.06	0.17
10/17/2013 9:20:11	12.90	5.06	0.19
10/17/2013 9:20:21	12.90	5.05	0.19
10/17/2013 9:20:31	12.90	5.04	0.17
10/17/2013 9:20:41	12.92	5.03	0.17
10/17/2013 9:20:51	12.92	5.04	0.17
10/17/2013 9:21:01	12.92	5.04	0.17
10/17/2013 9:21:11	12.92	5.04	0.17
10/17/2013 9:21:21	12.90	5.05	0.17
10/17/2013 9:21:31	12.89	5.06	0.16
10/17/2013 9:21:41	12.85	5.09	0.15
10/17/2013 9:21:51	12.89	5.06	0.15
10/17/2013 9:22:01	12.92	5.04	0.15
10/17/2013 9:22:11	13.06	4.95	0.15
10/17/2013 9:22:21	13.21	4.86	0.17
10/17/2013 9:22:31	13.39	4.75	0.17
10/17/2013 9:22:41	13.44	4.74	0.16

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:22:51	13.40	4.79	0.16
10/17/2013 9:23:01	13.35	4.83	0.15
10/17/2013 9:23:11	13.26	4.88	0.14
10/17/2013 9:23:21	13.20	4.91	0.14
10/17/2013 9:23:31	13.20	4.90	0.14
10/17/2013 9:23:41	13.27	4.86	0.15
10/17/2013 9:23:51	13.37	4.78	0.16
10/17/2013 9:24:01	13.47	4.73	0.16
10/17/2013 9:24:11	13.48	4.74	0.17
10/17/2013 9:24:21	13.42	4.79	0.17
10/17/2013 9:24:31	13.33	4.85	0.17
10/17/2013 9:24:41	13.20	4.92	0.16
10/17/2013 9:24:51	13.10	4.98	0.17
10/17/2013 9:25:01	13.04	5.01	0.16
10/17/2013 9:25:11	13.06	4.99	0.16
10/17/2013 9:25:21	13.15	4.91	0.17
10/17/2013 9:25:31	13.24	4.86	0.17
10/17/2013 9:25:41	13.27	4.86	0.17
10/17/2013 9:25:51	13.22	4.89	0.17
10/17/2013 9:26:01	13.14	4.96	0.16
10/17/2013 9:26:11	13.06	4.99	0.15
10/17/2013 9:26:21	13.04	5.00	0.14
10/17/2013 9:26:31	13.07	4.96	0.14
10/17/2013 9:26:41	13.17	4.89	0.13
10/17/2013 9:26:51	13.32	4.80	0.14
10/17/2013 9:27:01	13.42	4.74	0.14
10/17/2013 9:27:11	13.42	4.78	0.15
10/17/2013 9:27:21	13.36	4.83	0.15
10/17/2013 9:27:31	13.28	4.88	0.15
10/17/2013 9:27:41	13.22	4.91	0.16
10/17/2013 9:27:51	13.20	4.91	0.16
10/17/2013 9:28:01	13.25	4.86	0.17
10/17/2013 9:28:11	13.34	4.81	0.16
10/17/2013 9:28:21	13.47	4.72	0.16
10/17/2013 9:28:31	13.56	4.67	0.17
10/17/2013 9:28:41	13.55	4.70	0.16
10/17/2013 9:28:51	13.49	4.74	0.16
10/17/2013 9:29:01	13.39	4.80	0.15
10/17/2013 9:29:11	13.36	4.81	0.15
10/17/2013 9:29:21	13.34	4.82	0.16
10/17/2013 9:29:31	13.43	4.76	0.15
10/17/2013 9:29:41	13.51	4.70	0.15
10/17/2013 9:29:51	13.62	4.63	0.16
10/17/2013 9:30:01	13.64	4.64	0.16
10/17/2013 9:30:11	13.55	4.71	0.14
10/17/2013 9:30:21	13.48	4.77	0.15
10/17/2013 9:30:31	13.39	4.81	0.15
10/17/2013 9:30:41	13.35	4.84	0.14
10/17/2013 9:30:51	13.34	4.82	0.14
10/17/2013 9:31:01	13.44	4.76	0.14
10/17/2013 9:31:11	13.56	4.67	0.14
10/17/2013 9:31:21	13.67	4.61	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:31:31	13.69	4.62	0.13
10/17/2013 9:31:41	13.61	4.67	0.14
10/17/2013 9:31:51	13.52	4.75	0.13
10/17/2013 9:32:01	13.44	4.78	0.13
10/17/2013 9:32:11	13.40	4.80	0.12
10/17/2013 9:32:21	13.41	4.77	0.12
10/17/2013 9:32:31	13.47	4.73	0.13
10/17/2013 9:32:41	13.60	4.64	0.13
10/17/2013 9:32:51	13.69	4.60	0.13
10/17/2013 9:33:01	13.68	4.62	0.13
10/17/2013 9:33:11	13.62	4.66	0.14
10/17/2013 9:33:21	13.52	4.74	0.13
10/17/2013 9:33:31	13.46	4.76	0.13
10/17/2013 9:33:41	13.44	4.77	0.12
10/17/2013 9:33:51	13.50	4.71	0.13
10/17/2013 9:34:01	13.57	4.67	0.13
10/17/2013 9:34:11	13.71	4.56	0.14
10/17/2013 9:34:21	13.77	4.54	0.14
10/17/2013 9:34:31	13.73	4.59	0.14
10/17/2013 9:34:41	13.64	4.64	0.14
10/17/2013 9:34:51	13.53	4.72	0.14
10/17/2013 9:35:01	13.45	4.76	0.14
10/17/2013 9:35:11	13.40	4.78	0.14
10/17/2013 9:35:21	13.46	4.74	0.14
10/17/2013 9:35:31	13.51	4.69	0.14
10/17/2013 9:35:41	13.64	4.61	0.14
10/17/2013 9:35:51	13.65	4.63	0.15
10/17/2013 9:36:01	13.59	4.68	0.13
10/17/2013 9:36:11	13.49	4.75	0.13
10/17/2013 9:36:21	13.35	4.84	0.14
10/17/2013 9:36:31	13.30	4.87	0.12
10/17/2013 9:36:41	13.27	4.88	0.12
10/17/2013 9:36:51	13.32	4.84	0.11
10/17/2013 9:37:01	13.38	4.79	0.13
10/17/2013 9:37:11	13.45	4.75	0.14
10/17/2013 9:37:21	13.43	4.78	0.14
10/17/2013 9:37:31	13.36	4.83	0.14
10/17/2013 9:37:41	13.23	4.92	0.13
10/17/2013 9:37:51	13.13	4.96	0.13
10/17/2013 9:38:01	13.05	5.02	0.13
10/17/2013 9:38:11	13.00	5.01	0.13
10/17/2013 9:38:21	13.03	4.99	0.14
10/17/2013 9:38:31	13.12	4.92	0.12
10/17/2013 9:38:41	13.16	4.91	0.12
10/17/2013 9:38:51	13.11	4.96	0.13
10/17/2013 9:39:01	13.01	5.02	0.13
10/17/2013 9:39:11	12.91	5.08	0.12
10/17/2013 9:39:21	12.83	5.11	0.13
10/17/2013 9:39:31	12.83	5.11	0.12
10/17/2013 9:39:41	12.86	5.07	0.12
10/17/2013 9:39:51	12.92	5.03	0.12
10/17/2013 9:40:01	13.04	4.94	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:40:11	13.12	4.92	0.13
10/17/2013 9:40:21	13.09	4.95	0.14
10/17/2013 9:40:31	13.01	5.01	0.14
10/17/2013 9:40:41	12.91	5.07	0.13
10/17/2013 9:40:51	12.84	5.10	0.13
10/17/2013 9:41:01	12.81	5.12	0.14
10/17/2013 9:41:11	12.85	5.08	0.13
10/17/2013 9:41:21	12.92	5.03	0.13
10/17/2013 9:41:31	13.03	4.96	0.13
10/17/2013 9:41:41	13.06	4.97	0.13
10/17/2013 9:41:51	12.99	5.02	0.13
10/17/2013 9:42:01	12.91	5.07	0.13
10/17/2013 9:42:11	12.80	5.14	0.12
10/17/2013 9:42:21	12.76	5.15	0.12
10/17/2013 9:42:31	12.72	5.16	0.13
10/17/2013 9:42:41	12.79	5.12	0.14
10/17/2013 9:42:51	12.86	5.06	0.14
10/17/2013 9:43:01	12.97	5.02	0.14
10/17/2013 9:43:11	12.96	5.03	0.13
10/17/2013 9:43:21	12.89	5.08	0.13
10/17/2013 9:43:31	12.81	5.13	0.12
10/17/2013 9:43:41	12.71	5.19	0.13
10/17/2013 9:43:51	12.65	5.22	0.13
10/17/2013 9:44:01	12.63	5.22	0.12
10/17/2013 9:44:11	12.70	5.17	0.12
10/17/2013 9:44:21	12.79	5.11	0.13
10/17/2013 9:44:31	12.91	5.04	0.13
10/17/2013 9:44:41	12.93	5.05	0.13
10/17/2013 9:44:51	12.89	5.08	0.14
10/17/2013 9:45:01	12.82	5.12	0.13
10/17/2013 9:45:11	12.74	5.18	0.12
10/17/2013 9:45:21	12.69	5.19	0.12
10/17/2013 9:45:31	12.66	5.20	0.12
10/17/2013 9:45:41	12.72	5.15	0.12
10/17/2013 9:45:51	12.81	5.09	0.11
10/17/2013 9:46:01	12.93	5.01	0.11
10/17/2013 9:46:11	13.00	4.98	0.13
10/17/2013 9:46:21	12.98	5.01	0.14
10/17/2013 9:46:31	12.91	5.06	0.14
10/17/2013 9:46:41	12.80	5.13	0.13
10/17/2013 9:46:51	12.72	5.17	0.12
10/17/2013 9:47:01	12.65	5.21	0.12
10/17/2013 9:47:11	12.67	5.18	0.12
10/17/2013 9:47:21	12.72	5.14	0.12
10/17/2013 9:47:31	12.84	5.06	0.13
10/17/2013 9:47:41	12.91	5.05	0.12
10/17/2013 9:47:51	12.88	5.09	0.13
10/17/2013 9:48:01	12.82	5.13	0.14
10/17/2013 9:48:11	12.73	5.19	0.14
10/17/2013 9:48:21	12.68	5.20	0.13
10/17/2013 9:48:31	12.65	5.21	0.12
10/17/2013 9:48:41	12.69	5.17	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:48:51	12.76	5.12	0.12
10/17/2013 9:49:01	12.89	5.04	0.13
10/17/2013 9:49:11	12.95	5.02	0.13
10/17/2013 9:49:21	12.95	5.03	0.12
10/17/2013 9:49:31	12.93	5.04	0.11
10/17/2013 9:49:41	12.87	5.08	0.11
10/17/2013 9:49:51	12.80	5.12	0.12
<b>Start Run 3A</b>			
10/17/2013 9:50:01	12.76	5.13	0.12
10/17/2013 9:50:11	12.78	5.13	0.13
10/17/2013 9:50:21	12.90	5.05	0.13
10/17/2013 9:50:31	13.00	5.00	0.13
10/17/2013 9:50:41	13.09	4.94	0.13
10/17/2013 9:50:51	13.16	4.91	0.12
10/17/2013 9:51:01	13.24	4.87	0.12
10/17/2013 9:51:11	13.26	4.87	0.12
10/17/2013 9:51:21	13.27	4.86	0.12
10/17/2013 9:51:31	13.28	4.86	0.14
10/17/2013 9:51:41	13.26	4.86	0.13
10/17/2013 9:51:51	13.28	4.85	0.13
10/17/2013 9:52:01	13.33	4.81	0.13
10/17/2013 9:52:11	13.41	4.76	0.13
10/17/2013 9:52:21	13.52	4.69	0.13
10/17/2013 9:52:31	13.58	4.67	0.13
10/17/2013 9:52:41	13.53	4.72	0.13
10/17/2013 9:52:51	13.42	4.80	0.14
10/17/2013 9:53:01	13.27	4.90	0.13
10/17/2013 9:53:11	13.09	5.00	0.13
10/17/2013 9:53:21	12.97	5.07	0.13
10/17/2013 9:53:31	12.90	5.09	0.13
10/17/2013 9:53:41	12.93	5.06	0.14
10/17/2013 9:53:51	13.02	4.99	0.14
10/17/2013 9:54:01	13.11	4.94	0.14
10/17/2013 9:54:11	13.09	4.97	0.14
10/17/2013 9:54:21	13.03	5.01	0.14
10/17/2013 9:54:31	12.90	5.10	0.14
10/17/2013 9:54:41	12.76	5.18	0.14
10/17/2013 9:54:51	12.69	5.21	0.13
10/17/2013 9:55:01	12.69	5.19	0.14
10/17/2013 9:55:11	12.75	5.15	0.14
10/17/2013 9:55:21	12.86	5.08	0.14
10/17/2013 9:55:31	12.92	5.04	0.14
10/17/2013 9:55:41	12.89	5.08	0.13
10/17/2013 9:55:51	12.82	5.13	0.15
10/17/2013 9:56:01	12.72	5.20	0.15
10/17/2013 9:56:11	12.64	5.23	0.15
10/17/2013 9:56:21	12.60	5.25	0.14
10/17/2013 9:56:31	12.63	5.22	0.14
10/17/2013 9:56:41	12.70	5.17	0.14
10/17/2013 9:56:51	12.83	5.10	0.14
10/17/2013 9:57:01	12.88	5.08	0.14
10/17/2013 9:57:11	12.85	5.10	0.14



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 9:57:21	12.73	5.19	0.14
10/17/2013 9:57:31	12.59	5.28	0.14
10/17/2013 9:57:41	12.51	5.31	0.14
10/17/2013 9:57:51	12.44	5.34	0.14
10/17/2013 9:58:01	12.49	5.29	0.14
10/17/2013 9:58:11	12.57	5.24	0.14
10/17/2013 9:58:21	12.68	5.18	0.14
10/17/2013 9:58:31	12.70	5.19	0.14
10/17/2013 9:58:41	12.62	5.25	0.14
10/17/2013 9:58:51	12.51	5.32	0.14
10/17/2013 9:59:01	12.38	5.39	0.14
10/17/2013 9:59:11	12.31	5.42	0.14
10/17/2013 9:59:21	12.29	5.42	0.14
10/17/2013 9:59:31	12.38	5.36	0.14
10/17/2013 9:59:41	12.48	5.28	0.14
10/17/2013 9:59:51	12.60	5.22	0.14
10/17/2013 10:00:01	12.61	5.24	0.13
10/17/2013 10:00:11	12.53	5.29	0.14
10/17/2013 10:00:21	12.44	5.35	0.14
10/17/2013 10:00:31	12.34	5.40	0.14
10/17/2013 10:00:41	12.31	5.41	0.14
10/17/2013 10:00:51	12.30	5.40	0.14
10/17/2013 10:01:01	12.37	5.36	0.12
10/17/2013 10:01:11	12.24	5.47	0.11
10/17/2013 10:01:21	12.20	5.47	0.11
10/17/2013 10:01:31	12.15	5.51	0.11
10/17/2013 10:01:41	12.05	5.61	0.12
10/17/2013 10:01:51	11.88	5.72	0.12
10/17/2013 10:02:01	11.71	5.83	0.12
10/17/2013 10:02:11	11.57	5.93	0.12
10/17/2013 10:02:21	11.47	5.99	0.12
10/17/2013 10:02:31	11.38	6.06	0.13
10/17/2013 10:02:41	12.51	5.00	0.21
10/17/2013 10:02:51	13.21	4.93	0.19
10/17/2013 10:03:01	12.37	5.41	0.18
10/17/2013 10:03:11	11.80	5.83	0.15
10/17/2013 10:03:21	11.56	5.94	0.14
10/17/2013 10:03:31	11.67	5.83	0.14
10/17/2013 10:03:41	11.83	5.74	0.14
10/17/2013 10:03:51	11.86	5.75	0.14
10/17/2013 10:04:01	11.80	5.81	0.14
10/17/2013 10:04:11	11.70	5.88	0.14
10/17/2013 10:04:21	11.62	5.93	0.13
10/17/2013 10:04:31	11.57	5.97	0.13
10/17/2013 10:04:41	11.81	5.61	0.17
10/17/2013 10:04:51	12.50	5.27	0.17
10/17/2013 10:05:01	12.32	5.37	0.17
10/17/2013 10:05:11	12.44	5.38	0.16
10/17/2013 10:05:21	12.22	5.53	0.16
10/17/2013 10:05:31	12.11	5.61	0.14
10/17/2013 10:05:41	12.02	5.68	0.14
10/17/2013 10:05:51	11.95	5.72	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:06:01	11.90	5.76	0.13
10/17/2013 10:06:11	11.90	5.74	0.12
10/17/2013 10:06:21	11.99	5.65	0.12
10/17/2013 10:06:31	12.11	5.58	0.14
10/17/2013 10:06:41	12.22	5.44	0.16
10/17/2013 10:06:51	12.30	5.42	0.15
10/17/2013 10:07:01	12.32	5.44	0.14
10/17/2013 10:07:11	12.33	5.44	0.14
10/17/2013 10:07:21	12.34	5.44	0.14
10/17/2013 10:07:31	12.37	5.42	0.15
10/17/2013 10:07:41	12.37	5.42	0.15
10/17/2013 10:07:51	12.37	5.41	0.14
10/17/2013 10:08:01	12.39	5.40	0.14
10/17/2013 10:08:11	12.45	5.35	0.13
10/17/2013 10:08:21	12.59	5.26	0.14
10/17/2013 10:08:31	12.76	5.16	0.14
10/17/2013 10:08:41	12.89	5.11	0.14
10/17/2013 10:08:51	12.89	5.14	0.14
10/17/2013 10:09:01	12.82	5.19	0.14
10/17/2013 10:09:11	12.73	5.24	0.14
10/17/2013 10:09:21	12.68	5.26	0.14
10/17/2013 10:09:31	12.64	5.28	0.14
10/17/2013 10:09:41	12.64	5.26	0.12
10/17/2013 10:09:51	12.67	5.24	0.13
10/17/2013 10:10:01	12.76	5.16	0.12
10/17/2013 10:10:11	12.77	5.19	0.12
10/17/2013 10:10:21	12.67	5.27	0.12
10/17/2013 10:10:31	12.51	5.37	0.11
10/17/2013 10:10:41	12.35	5.47	0.11
10/17/2013 10:10:51	12.24	5.53	0.11
10/17/2013 10:11:01	12.16	5.58	0.10
10/17/2013 10:11:11	12.18	5.54	0.11
10/17/2013 10:11:21	12.23	5.49	0.12
10/17/2013 10:11:31	12.32	5.43	0.12
10/17/2013 10:11:41	12.31	5.46	0.14
10/17/2013 10:11:51	12.19	5.55	0.14
10/17/2013 10:12:01	12.03	5.67	0.13
10/17/2013 10:12:11	11.82	5.83	0.13
10/17/2013 10:12:21	11.71	5.87	0.11
10/17/2013 10:12:31	11.60	5.94	0.11
10/17/2013 10:12:41	11.59	5.92	0.11
10/17/2013 10:12:51	11.63	5.88	0.12
10/17/2013 10:13:01	11.76	5.78	0.12
10/17/2013 10:13:11	11.76	5.81	0.12
10/17/2013 10:13:21	11.69	5.88	0.12
10/17/2013 10:13:31	11.57	5.98	0.12
10/17/2013 10:13:41	11.45	6.05	0.12
10/17/2013 10:13:51	11.38	6.09	0.12
10/17/2013 10:14:01	11.33	6.10	0.12
10/17/2013 10:14:11	11.39	6.05	0.12
10/17/2013 10:14:21	11.50	5.95	0.13
10/17/2013 10:14:31	11.61	5.90	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:14:41	11.61	5.92	0.12
10/17/2013 10:14:51	11.52	5.98	0.13
10/17/2013 10:15:01	11.42	6.06	0.12
10/17/2013 10:15:11	11.27	6.16	0.12
10/17/2013 10:15:21	11.16	6.23	0.12
10/17/2013 10:15:31	11.08	6.26	0.12
10/17/2013 10:15:41	11.11	6.23	0.12
10/17/2013 10:15:51	11.20	6.16	0.12
10/17/2013 10:16:01	11.28	6.13	0.13
10/17/2013 10:16:11	11.24	6.19	0.12
10/17/2013 10:16:21	11.12	6.28	0.12
10/17/2013 10:16:31	11.01	6.37	0.12
10/17/2013 10:16:41	10.90	6.42	0.10
10/17/2013 10:16:51	10.83	6.48	0.09
10/17/2013 10:17:01	10.83	6.45	0.10
10/17/2013 10:17:11	10.93	6.38	0.11
10/17/2013 10:17:21	11.07	6.28	0.12
10/17/2013 10:17:31	11.15	6.25	0.12
10/17/2013 10:17:41	11.11	6.30	0.12
10/17/2013 10:17:51	11.02	6.38	0.12
10/17/2013 10:18:01	10.92	6.46	0.11
10/17/2013 10:18:11	10.80	6.52	0.12
10/17/2013 10:18:21	10.74	6.56	0.10
10/17/2013 10:18:31	10.76	6.52	0.12
10/17/2013 10:18:41	10.88	6.43	0.12
10/17/2013 10:18:51	11.03	6.33	0.14
10/17/2013 10:19:01	11.13	6.29	0.13
10/17/2013 10:19:11	11.12	6.32	0.13
10/17/2013 10:19:21	11.04	6.38	0.13
10/17/2013 10:19:31	11.01	6.40	0.13
10/17/2013 10:19:41	10.89	6.46	0.14
10/17/2013 10:19:51	10.82	6.50	0.14
10/17/2013 10:20:01	10.80	6.48	0.14
10/17/2013 10:20:11	10.91	6.41	0.14
10/17/2013 10:20:21	11.05	6.30	0.13
10/17/2013 10:20:31	11.18	6.24	0.14
10/17/2013 10:20:41	11.19	6.25	0.14
10/17/2013 10:20:51	11.13	6.31	0.14
10/17/2013 10:21:01	11.07	6.36	0.13
10/17/2013 10:21:11	11.02	6.39	0.13
10/17/2013 10:21:21	10.93	6.45	0.13
10/17/2013 10:21:31	10.87	6.48	0.13
10/17/2013 10:21:41	10.84	6.50	0.13
10/17/2013 10:21:51	10.81	6.51	0.12
10/17/2013 10:22:01	10.80	6.51	0.12
10/17/2013 10:22:11	10.80	6.52	0.13
10/17/2013 10:22:21	10.75	6.54	0.13
10/17/2013 10:22:31	10.69	6.59	0.13
10/17/2013 10:22:41	10.62	6.64	0.13
10/17/2013 10:22:51	10.58	6.67	0.12
10/17/2013 10:23:01	10.56	6.67	0.12
10/17/2013 10:23:11	10.65	6.61	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:23:21	10.77	6.50	0.12
10/17/2013 10:23:31	10.96	6.38	0.11
10/17/2013 10:23:41	11.02	6.39	0.12
10/17/2013 10:23:51	10.97	6.44	0.11
10/17/2013 10:24:01	10.87	6.51	0.14
10/17/2013 10:24:11	10.77	6.58	0.14
10/17/2013 10:24:21	10.73	6.59	0.14
10/17/2013 10:24:31	10.71	6.58	0.13
10/17/2013 10:24:41	10.83	6.49	0.11
10/17/2013 10:24:51	11.00	6.34	0.14
10/17/2013 10:25:01	11.15	6.25	0.15
10/17/2013 10:25:11	11.19	6.25	0.15
10/17/2013 10:25:21	11.13	6.30	0.16
10/17/2013 10:25:31	11.06	6.35	0.15
10/17/2013 10:25:41	10.96	6.41	0.14
10/17/2013 10:25:51	10.88	6.46	0.14
10/17/2013 10:26:01	10.87	6.44	0.13
10/17/2013 10:26:11	10.96	6.37	0.15
10/17/2013 10:26:21	11.11	6.26	0.14
10/17/2013 10:26:31	11.21	6.21	0.14
10/17/2013 10:26:41	11.22	6.23	0.14
10/17/2013 10:26:51	11.15	6.28	0.14
10/17/2013 10:27:01	11.06	6.36	0.14
10/17/2013 10:27:11	10.96	6.41	0.13
10/17/2013 10:27:21	10.91	6.44	0.12
10/17/2013 10:27:31	10.91	6.41	0.13
10/17/2013 10:27:41	11.00	6.35	0.14
10/17/2013 10:27:51	11.13	6.23	0.14
10/17/2013 10:28:01	11.24	6.19	0.14
10/17/2013 10:28:11	11.20	6.25	0.13
10/17/2013 10:28:21	11.11	6.31	0.14
10/17/2013 10:28:31	11.00	6.39	0.13
10/17/2013 10:28:41	10.89	6.45	0.13
10/17/2013 10:28:51	10.83	6.49	0.13
10/17/2013 10:29:01	10.83	6.47	0.13
10/17/2013 10:29:11	10.91	6.40	0.12
10/17/2013 10:29:21	11.07	6.30	0.12
10/17/2013 10:29:31	11.17	6.25	0.12
10/17/2013 10:29:41	11.11	6.32	0.12
10/17/2013 10:29:51	11.03	6.37	0.12
10/17/2013 10:30:01	10.91	6.45	0.10
10/17/2013 10:30:11	10.82	6.51	0.12
10/17/2013 10:30:21	10.76	6.53	0.10
10/17/2013 10:30:31	10.82	6.48	0.12
10/17/2013 10:30:41	10.91	6.40	0.12
10/17/2013 10:30:51	11.06	6.30	0.13
10/17/2013 10:31:01	11.11	6.29	0.13
10/17/2013 10:31:11	11.05	6.37	0.12
10/17/2013 10:31:21	10.97	6.42	0.11
10/17/2013 10:31:31	10.84	6.52	0.11
10/17/2013 10:31:41	10.79	6.55	0.10
10/17/2013 10:31:51	10.73	6.57	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:32:01	10.77	6.54	0.10
10/17/2013 10:32:11	10.85	6.46	0.11
10/17/2013 10:32:21	10.96	6.40	0.12
10/17/2013 10:32:31	10.96	6.42	0.11
10/17/2013 10:32:41	10.86	6.51	0.11
10/17/2013 10:32:51	10.74	6.60	0.12
10/17/2013 10:33:01	10.61	6.68	0.10
10/17/2013 10:33:11	10.56	6.71	0.11
10/17/2013 10:33:21	10.55	6.70	0.11
10/17/2013 10:33:31	10.64	6.63	0.10
10/17/2013 10:33:41	10.79	6.51	0.11
10/17/2013 10:33:51	10.91	6.45	0.11
10/17/2013 10:34:01	10.94	6.46	0.13
10/17/2013 10:34:11	10.86	6.52	0.13
10/17/2013 10:34:21	10.79	6.58	0.12
10/17/2013 10:34:31	10.67	6.65	0.12
10/17/2013 10:34:41	10.61	6.68	0.12
10/17/2013 10:34:51	10.65	6.62	0.11
10/17/2013 10:35:01	10.77	6.54	0.10
10/17/2013 10:35:11	10.93	6.42	0.11
10/17/2013 10:35:21	11.03	6.39	0.12
10/17/2013 10:35:31	10.99	6.44	0.11
10/17/2013 10:35:41	10.93	6.49	0.11
10/17/2013 10:35:51	10.82	6.56	0.10
10/17/2013 10:36:01	10.75	6.59	0.10
10/17/2013 10:36:11	10.70	6.62	0.11
10/17/2013 10:36:21	10.76	6.55	0.11
10/17/2013 10:36:31	10.85	6.48	0.12
10/17/2013 10:36:41	11.01	6.37	0.12
10/17/2013 10:36:51	11.11	6.31	0.12
10/17/2013 10:37:01	11.10	6.34	0.11
10/17/2013 10:37:11	11.04	6.38	0.10
10/17/2013 10:37:21	10.94	6.46	0.10
10/17/2013 10:37:31	10.84	6.51	0.09
10/17/2013 10:37:41	10.78	6.55	0.08
10/17/2013 10:37:51	10.83	6.49	0.09
10/17/2013 10:38:01	10.93	6.41	0.11
10/17/2013 10:38:11	11.04	6.34	0.10
10/17/2013 10:38:21	11.08	6.34	0.10
10/17/2013 10:38:31	11.02	6.40	0.11
10/17/2013 10:38:41	10.94	6.46	0.11
10/17/2013 10:38:51	10.82	6.54	0.10
10/17/2013 10:39:01	10.80	6.53	0.10
10/17/2013 10:39:11	10.77	6.54	0.11
10/17/2013 10:39:21	10.87	6.46	0.11
10/17/2013 10:39:31	11.00	6.35	0.10
10/17/2013 10:39:41	11.12	6.27	0.10
10/17/2013 10:39:51	11.14	6.28	0.11
10/17/2013 10:40:01	11.05	6.35	0.11
10/17/2013 10:40:11	10.96	6.42	0.10
10/17/2013 10:40:21	10.82	6.51	0.11
10/17/2013 10:40:31	10.72	6.57	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:40:41	10.69	6.58	0.10
10/17/2013 10:40:51	10.76	6.53	0.10
10/17/2013 10:41:01	10.89	6.43	0.10
10/17/2013 10:41:11	11.01	6.38	0.10
10/17/2013 10:41:21	11.01	6.40	0.10
10/17/2013 10:41:31	11.00	6.41	0.10
10/17/2013 10:41:41	10.95	6.45	0.10
10/17/2013 10:41:51	10.91	6.46	0.10
10/17/2013 10:42:01	10.90	6.47	0.11
10/17/2013 10:42:11	10.95	6.42	0.10
10/17/2013 10:42:21	11.07	6.32	0.09
10/17/2013 10:42:31	11.25	6.18	0.09
10/17/2013 10:42:41	11.38	6.11	0.10
10/17/2013 10:42:51	11.39	6.14	0.12
10/17/2013 10:43:01	11.36	6.17	0.11
10/17/2013 10:43:11	11.29	6.22	0.11
10/17/2013 10:43:21	11.22	6.26	0.10
10/17/2013 10:43:31	11.15	6.30	0.10
10/17/2013 10:43:41	11.21	6.23	0.10
10/17/2013 10:43:51	11.32	6.15	0.10
10/17/2013 10:44:01	11.45	6.06	0.10
10/17/2013 10:44:11	11.54	6.02	0.10
10/17/2013 10:44:21	11.51	6.06	0.10
10/17/2013 10:44:31	11.46	6.10	0.10
10/17/2013 10:44:41	11.35	6.18	0.10
10/17/2013 10:44:51	11.29	6.21	0.10
10/17/2013 10:45:01	11.22	6.25	0.10
10/17/2013 10:45:11	11.27	6.19	0.10
10/17/2013 10:45:21	11.35	6.11	0.11
10/17/2013 10:45:31	11.49	6.02	0.11
10/17/2013 10:45:41	11.54	6.01	0.10
10/17/2013 10:45:51	11.48	6.07	0.11
10/17/2013 10:46:01	11.39	6.13	0.11
10/17/2013 10:46:11	11.29	6.20	0.11
10/17/2013 10:46:21	11.23	6.23	0.11
10/17/2013 10:46:31	11.18	6.27	0.11
10/17/2013 10:46:41	11.25	6.21	0.10
10/17/2013 10:46:51	11.33	6.13	0.10
10/17/2013 10:47:01	11.48	6.03	0.10
10/17/2013 10:47:11	11.54	6.03	0.10
10/17/2013 10:47:21	11.46	6.10	0.11
10/17/2013 10:47:31	11.42	6.14	0.10
10/17/2013 10:47:41	11.32	6.20	0.10
10/17/2013 10:47:51	11.30	6.21	0.09
10/17/2013 10:48:01	11.31	6.18	0.09
10/17/2013 10:48:11	11.41	6.10	0.10
10/17/2013 10:48:21	11.53	6.00	0.10
10/17/2013 10:48:31	11.66	5.93	0.11
10/17/2013 10:48:41	11.67	5.95	0.10
10/17/2013 10:48:51	11.58	6.02	0.11
10/17/2013 10:49:01	11.51	6.08	0.10
10/17/2013 10:49:11	11.38	6.16	0.10

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 10:49:21	11.32	6.20	0.10
10/17/2013 10:49:31	11.33	6.16	0.10
10/17/2013 10:49:41	11.42	6.09	0.10
10/17/2013 10:49:51	11.52	6.01	0.10
10/17/2013 10:50:01	11.61	5.98	0.10
10/17/2013 10:50:11	11.60	6.00	0.10
10/17/2013 10:50:21	11.53	6.06	0.10
10/17/2013 10:50:31	11.47	6.11	0.10
10/17/2013 10:50:41	11.37	6.17	0.10
10/17/2013 10:50:51	11.32	6.20	0.07
10/17/2013 10:51:01	11.34	6.16	0.09
10/17/2013 10:51:11	11.43	6.10	0.09
10/17/2013 10:51:21	11.57	6.00	0.09
10/17/2013 10:51:31	11.64	5.97	0.09
10/17/2013 10:51:41	11.64	5.98	0.10
10/17/2013 10:51:51	11.59	6.02	0.10
10/17/2013 10:52:01	11.52	6.08	0.11
10/17/2013 10:52:11	11.47	6.12	0.10
10/17/2013 10:52:21	11.41	6.16	0.10
10/17/2013 10:52:31	11.34	6.21	0.10
10/17/2013 10:52:41	11.28	6.23	0.10
10/17/2013 10:52:51	11.26	6.26	0.10
10/17/2013 10:53:01	11.24	6.25	0.10
10/17/2013 10:53:11	11.31	6.19	0.10
10/17/2013 10:53:21	11.43	6.10	0.10
10/17/2013 10:53:31	11.50	6.07	0.10
10/17/2013 10:53:41	11.46	6.11	0.10
10/17/2013 10:53:51	11.36	6.19	0.10
10/17/2013 10:54:01	11.27	6.26	0.10
10/17/2013 10:54:11	11.17	6.32	0.10
10/17/2013 10:54:21	11.08	6.37	0.10
10/17/2013 10:54:31	11.11	6.32	0.10
10/17/2013 10:54:41	11.19	6.25	0.10
10/17/2013 10:54:51	11.35	6.14	0.10
10/17/2013 10:55:01	11.44	6.10	0.10
10/17/2013 10:55:11	11.38	6.17	0.10
10/17/2013 10:55:21	11.28	6.24	0.10
10/17/2013 10:55:31	11.16	6.33	0.11
10/17/2013 10:55:41	11.10	6.37	0.11
10/17/2013 10:55:51	11.02	6.41	0.10
10/17/2013 10:56:01	11.09	6.35	0.10
10/17/2013 10:56:11	11.18	6.27	0.11
10/17/2013 10:56:21	11.33	6.16	0.10
10/17/2013 10:56:31	11.39	6.14	0.10
10/17/2013 10:56:41	11.39	6.16	0.11
10/17/2013 10:56:51	11.36	6.17	0.10
<b>End Run 3A</b>	<b>11.58</b>	<b>5.98</b>	<b>0.12</b>
10/17/2013 10:57:01	11.32	6.19	0.11
10/17/2013 10:57:11	11.28	6.21	0.11
10/17/2013 10:57:21	11.28	6.20	0.10
10/17/2013 10:57:31	11.27	6.20	0.10
10/17/2013 10:57:41	11.24	6.22	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 10:57:51	11.24	6.22	0.10
10/17/2013 10:58:01	11.27	6.20	0.11
10/17/2013 10:58:11	11.29	6.18	0.11
10/17/2013 10:58:21	11.30	6.17	0.10
10/17/2013 10:58:31	11.32	6.15	0.10
10/17/2013 10:58:41	11.33	6.16	0.10
10/17/2013 10:58:51	11.37	6.11	0.10
10/17/2013 10:59:01	11.49	6.03	0.09
10/17/2013 10:59:11	11.53	5.99	0.10
10/17/2013 10:59:21	11.69	5.86	0.11
10/17/2013 10:59:31	11.95	5.62	0.12
10/17/2013 10:59:41	12.50	5.21	0.12
10/17/2013 10:59:51	13.06	4.81	0.12
10/17/2013 11:00:01	13.56	4.42	0.11
10/17/2013 11:00:11	13.89	4.18	0.10
10/17/2013 11:00:21	14.14	3.98	0.10
10/17/2013 11:00:31	14.31	3.84	0.10
10/17/2013 11:00:41	14.43	3.73	0.11
10/17/2013 11:00:51	14.53	3.65	0.11
10/17/2013 11:01:01	14.61	3.57	0.12
10/17/2013 11:01:11	14.68	3.52	0.12
10/17/2013 11:01:21	14.71	3.48	0.12
10/17/2013 11:01:31	14.75	3.45	0.13
10/17/2013 11:01:41	14.77	3.43	0.12
10/17/2013 11:01:51	14.78	3.41	0.13
10/17/2013 11:02:01	14.76	3.42	0.12
10/17/2013 11:02:11	14.72	3.43	0.12
10/17/2013 11:02:21	14.69	3.45	0.13
10/17/2013 11:02:31	14.65	3.47	0.13
10/17/2013 11:02:41	14.60	3.49	0.13
10/17/2013 11:02:51	14.54	3.53	0.11
10/17/2013 11:03:01	14.48	3.56	0.12
10/17/2013 11:03:11	14.43	3.59	0.12
10/17/2013 11:03:21	14.39	3.61	0.12
10/17/2013 11:03:31	14.37	3.62	0.11
10/17/2013 11:03:41	14.34	3.64	0.11
10/17/2013 11:03:51	14.34	3.64	0.11
10/17/2013 11:04:01	14.34	3.65	0.12
10/17/2013 11:04:11	14.34	3.64	0.13
10/17/2013 11:04:21	14.34	3.64	0.13
10/17/2013 11:04:31	14.38	3.61	0.12
10/17/2013 11:04:41	14.40	3.60	0.13
10/17/2013 11:04:51	14.41	3.60	0.12
10/17/2013 11:05:01	14.40	3.60	0.12
10/17/2013 11:05:11	14.38	3.61	0.11
10/17/2013 11:05:21	14.39	3.61	0.10
10/17/2013 11:05:31	14.39	3.60	0.12
10/17/2013 11:05:41	14.41	3.59	0.11
10/17/2013 11:05:51	14.43	3.58	0.12
10/17/2013 11:06:01	14.43	3.57	0.12
10/17/2013 11:06:11	14.43	3.57	0.12
10/17/2013 11:06:21	14.45	3.56	0.12



24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 11:06:31	14.48	3.54	0.12
10/17/2013 11:06:41	14.49	3.54	0.12
10/17/2013 11:06:51	14.48	3.54	0.12
10/17/2013 11:07:01	14.47	3.54	0.12
10/17/2013 11:07:11	14.46	3.55	0.11
10/17/2013 11:07:21	14.45	3.56	0.11
10/17/2013 11:07:31	14.45	3.56	0.12
10/17/2013 11:07:41	14.43	3.57	0.12
10/17/2013 11:07:51	14.43	3.57	0.12
10/17/2013 11:08:01	14.42	3.57	0.11
10/17/2013 11:08:11	14.41	3.58	0.12
10/17/2013 11:08:21	14.40	3.58	0.11
10/17/2013 11:08:31	14.39	3.58	0.10
10/17/2013 11:08:41	14.37	3.59	0.10
10/17/2013 11:08:51	14.48	3.49	0.32
10/17/2013 11:09:01	2.09	0.26	0.01
10/17/2013 11:09:11	0.36	0.15	-0.01
10/17/2013 11:09:21	0.68	0.16	-0.01
10/17/2013 11:09:31	0.13	0.07	-0.01
10/17/2013 11:09:41	0.11	0.06	-0.01
10/17/2013 11:09:51	0.09	0.06	-0.02
10/17/2013 11:10:01	0.08	0.05	-0.04
10/17/2013 11:10:11	0.06	0.05	-0.04
10/17/2013 11:10:21	0.06	0.05	-0.05
10/17/2013 11:10:31	0.05	0.04	0.03
<b>N2 Zero</b>	<b>0.06</b>	<b>0.05</b>	<b>-0.02</b> cal bias
10/17/2013 11:10:41	8.83	2.90	0.02
10/17/2013 11:10:51	9.76	9.54	-0.06
10/17/2013 11:11:01	9.85	9.71	-0.06
10/17/2013 11:11:11	9.88	9.78	-0.06
10/17/2013 11:11:21	9.90	9.82	-0.06
10/17/2013 11:11:31	9.92	9.84	-0.06
10/17/2013 11:11:41	9.92	9.86	-0.07
10/17/2013 11:11:51	9.93	9.87	-0.06
10/17/2013 11:12:01	9.93	9.88	-0.05
10/17/2013 11:12:11	9.94	9.89	-0.05
<b>10.1/10.0 O2/CO2</b>	<b>9.93</b>	<b>9.88</b>	<b>-0.05</b>
10/17/2013 11:12:21	11.82	5.82	0.21
10/17/2013 11:12:31	14.46	3.68	0.22
10/17/2013 11:12:41	14.58	3.55	0.20
10/17/2013 11:12:51	14.62	3.50	0.19
10/17/2013 11:13:01	14.63	3.47	0.18
10/17/2013 11:13:11	14.66	3.45	0.17
10/17/2013 11:13:21	14.67	3.43	0.16
10/17/2013 11:13:31	14.66	3.43	0.15
10/17/2013 11:13:41	14.66	3.43	0.14
10/17/2013 11:13:51	14.67	3.42	0.14
10/17/2013 11:14:01	14.67	3.42	0.13
10/17/2013 11:14:11	14.67	3.42	0.11
10/17/2013 11:14:21	14.69	3.41	0.11
10/17/2013 11:14:31	14.69	3.41	0.11
10/17/2013 11:14:41	14.69	3.41	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:14:51	14.70	3.40	0.12
10/17/2013 11:15:01	14.70	3.40	0.11
10/17/2013 11:15:11	14.74	3.38	0.10
10/17/2013 11:15:21	14.76	3.36	0.10
10/17/2013 11:15:31	14.80	3.34	0.10
10/17/2013 11:15:41	14.83	3.32	0.10
10/17/2013 11:15:51	14.85	3.31	0.10
10/17/2013 11:16:01	14.85	3.31	0.08
10/17/2013 11:16:11	14.87	3.30	0.10
10/17/2013 11:16:21	14.88	3.30	0.12
10/17/2013 11:16:31	14.89	3.29	0.11
10/17/2013 11:16:41	14.89	3.29	0.10
10/17/2013 11:16:51	14.89	3.29	0.10
10/17/2013 11:17:01	14.89	3.29	0.10
10/17/2013 11:17:11	14.89	3.29	0.10
10/17/2013 11:17:21	14.90	3.29	0.11
10/17/2013 11:17:31	14.89	3.29	0.11
10/17/2013 11:17:41	14.89	3.29	0.10
10/17/2013 11:17:51	14.90	3.29	0.10
10/17/2013 11:18:01	14.89	3.29	0.10
10/17/2013 11:18:11	14.89	3.29	0.10
10/17/2013 11:18:21	14.89	3.29	0.10
10/17/2013 11:18:31	14.89	3.29	0.10
10/17/2013 11:18:41	14.90	3.28	0.10
10/17/2013 11:18:51	14.90	3.28	0.10
10/17/2013 11:19:01	14.89	3.29	0.10
10/17/2013 11:19:11	14.89	3.28	0.10
10/17/2013 11:19:21	14.88	3.29	0.10
10/17/2013 11:19:31	14.88	3.29	0.10
10/17/2013 11:19:41	14.88	3.31	0.09
10/17/2013 11:19:51	14.87	3.30	0.10
10/17/2013 11:20:01	14.86	3.31	0.10
10/17/2013 11:20:11	14.86	3.31	0.10
10/17/2013 11:20:21	14.86	3.31	0.10
10/17/2013 11:20:31	14.86	3.31	0.10
10/17/2013 11:20:41	14.87	3.30	0.10
10/17/2013 11:20:51	14.87	3.30	0.10
10/17/2013 11:21:01	14.88	3.30	0.10
10/17/2013 11:21:11	14.87	3.31	0.10
10/17/2013 11:21:21	14.88	3.30	0.10
10/17/2013 11:21:31	14.88	3.31	0.10
10/17/2013 11:21:41	14.88	3.31	0.10
10/17/2013 11:21:51	14.88	3.31	0.10
10/17/2013 11:22:01	14.89	3.30	0.10
10/17/2013 11:22:11	14.89	3.29	0.10
10/17/2013 11:22:21	14.88	3.29	0.10
10/17/2013 11:22:31	14.89	3.29	0.10
10/17/2013 11:22:41	14.89	3.29	0.10
10/17/2013 11:22:51	14.88	3.29	0.09
10/17/2013 11:23:01	14.89	3.29	0.10
10/17/2013 11:23:11	14.89	3.28	0.11
10/17/2013 11:23:21	14.90	3.28	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:23:31	14.91	3.27	0.12
10/17/2013 11:23:41	14.92	3.27	0.10
10/17/2013 11:23:51	14.92	3.27	0.10
10/17/2013 11:24:01	14.92	3.27	0.10
10/17/2013 11:24:11	14.92	3.28	0.10
10/17/2013 11:24:21	14.93	3.27	0.10
10/17/2013 11:24:31	14.93	3.27	0.10
10/17/2013 11:24:41	14.92	3.27	0.10
10/17/2013 11:24:51	14.92	3.27	0.10
10/17/2013 11:25:01	14.92	3.28	0.11
10/17/2013 11:25:11	14.92	3.28	0.11
10/17/2013 11:25:21	14.90	3.29	0.10
10/17/2013 11:25:31	14.92	3.27	0.09
10/17/2013 11:25:41	14.92	3.28	0.10
10/17/2013 11:25:51	14.91	3.28	0.11
10/17/2013 11:26:01	14.91	3.28	0.12
10/17/2013 11:26:11	14.90	3.28	0.12
10/17/2013 11:26:21	14.91	3.28	0.11
10/17/2013 11:26:31	14.90	3.29	0.10
10/17/2013 11:26:41	14.90	3.29	0.10
10/17/2013 11:26:51	14.90	3.28	0.10
10/17/2013 11:27:01	14.89	3.29	0.10
10/17/2013 11:27:11	14.89	3.29	0.10
10/17/2013 11:27:21	14.90	3.29	0.10
10/17/2013 11:27:31	14.89	3.29	0.10
10/17/2013 11:27:41	14.90	3.28	0.10
10/17/2013 11:27:51	14.90	3.29	0.10
10/17/2013 11:28:01	14.90	3.29	0.10
10/17/2013 11:28:11	14.90	3.28	0.10
10/17/2013 11:28:21	14.90	3.29	0.10
10/17/2013 11:28:31	14.90	3.29	0.09
10/17/2013 11:28:41	14.90	3.28	0.10
10/17/2013 11:28:51	14.90	3.29	0.10
10/17/2013 11:29:01	14.89	3.29	0.10
10/17/2013 11:29:11	14.90	3.28	0.10
10/17/2013 11:29:21	14.90	3.28	0.11
10/17/2013 11:29:31	14.91	3.27	0.10
10/17/2013 11:29:41	14.91	3.27	0.10
10/17/2013 11:29:51	14.89	3.28	0.10
10/17/2013 11:30:01	14.88	3.28	0.10
10/17/2013 11:30:11	14.88	3.28	0.11
10/17/2013 11:30:21	14.88	3.28	0.11
10/17/2013 11:30:31	14.88	3.29	0.10
10/17/2013 11:30:41	14.87	3.29	0.10
10/17/2013 11:30:51	14.88	3.28	0.11
10/17/2013 11:31:01	14.90	3.28	0.11
10/17/2013 11:31:11	14.89	3.28	0.10
10/17/2013 11:31:21	14.89	3.28	0.10
10/17/2013 11:31:31	14.90	3.27	0.10
10/17/2013 11:31:41	14.89	3.28	0.10
10/17/2013 11:31:51	14.88	3.29	0.09
10/17/2013 11:32:01	14.88	3.28	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:32:11	14.89	3.29	0.12
10/17/2013 11:32:21	14.89	3.28	0.10
10/17/2013 11:32:31	14.89	3.28	0.10
10/17/2013 11:32:41	14.89	3.28	0.10
10/17/2013 11:32:51	14.89	3.28	0.10
10/17/2013 11:33:01	14.90	3.28	0.10
10/17/2013 11:33:11	14.90	3.28	0.10
10/17/2013 11:33:21	14.90	3.27	0.10
10/17/2013 11:33:31	14.90	3.28	0.10
10/17/2013 11:33:41	14.89	3.29	0.10
10/17/2013 11:33:51	14.90	3.27	0.10
10/17/2013 11:34:01	14.91	3.26	0.10
10/17/2013 11:34:11	14.91	3.26	0.10
10/17/2013 11:34:21	14.91	3.26	0.10
10/17/2013 11:34:31	14.91	3.26	0.10
10/17/2013 11:34:41	14.92	3.26	0.10
10/17/2013 11:34:51	14.92	3.26	0.10
10/17/2013 11:35:01	14.92	3.26	0.10
10/17/2013 11:35:11	14.92	3.26	0.09
10/17/2013 11:35:21	14.93	3.25	0.10
10/17/2013 11:35:31	14.93	3.26	0.10
10/17/2013 11:35:41	14.92	3.26	0.10
10/17/2013 11:35:51	14.93	3.25	0.10
10/17/2013 11:36:01	14.91	3.27	0.10
10/17/2013 11:36:11	14.92	3.26	0.10
10/17/2013 11:36:21	14.93	3.26	0.09
10/17/2013 11:36:31	14.92	3.26	0.09
10/17/2013 11:36:41	14.92	3.26	0.10
10/17/2013 11:36:51	14.91	3.27	0.10
10/17/2013 11:37:01	14.90	3.27	0.10
10/17/2013 11:37:11	14.90	3.27	0.11
10/17/2013 11:37:21	14.91	3.26	0.10
10/17/2013 11:37:31	14.91	3.26	0.10
10/17/2013 11:37:41	14.92	3.26	0.10
10/17/2013 11:37:51	14.91	3.26	0.10
10/17/2013 11:38:01	14.92	3.26	0.11
10/17/2013 11:38:11	14.92	3.26	0.11
10/17/2013 11:38:21	14.91	3.27	0.11
10/17/2013 11:38:31	14.91	3.26	0.11
10/17/2013 11:38:41	14.91	3.26	0.11
10/17/2013 11:38:51	14.91	3.26	0.10
10/17/2013 11:39:01	14.90	3.27	0.10
10/17/2013 11:39:11	14.91	3.26	0.10
10/17/2013 11:39:21	14.91	3.26	0.09
10/17/2013 11:39:31	14.92	3.26	0.10
10/17/2013 11:39:41	14.93	3.25	0.10
10/17/2013 11:39:51	14.91	3.26	0.10
10/17/2013 11:40:01	14.90	3.27	0.10
10/17/2013 11:40:11	14.90	3.26	0.10
10/17/2013 11:40:21	14.90	3.27	0.10
10/17/2013 11:40:31	14.90	3.28	0.10
10/17/2013 11:40:41	14.90	3.28	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:40:51	14.90	3.28	0.10
10/17/2013 11:41:01	14.91	3.27	0.10
10/17/2013 11:41:11	14.91	3.28	0.10
10/17/2013 11:41:21	14.92	3.27	0.11
10/17/2013 11:41:31	14.91	3.29	0.10
10/17/2013 11:41:41	14.90	3.29	0.10
10/17/2013 11:41:51	14.90	3.29	0.10
10/17/2013 11:42:01	14.90	3.29	0.11
10/17/2013 11:42:11	14.89	3.29	0.11
10/17/2013 11:42:21	14.89	3.30	0.10
10/17/2013 11:42:31	14.88	3.29	0.10
10/17/2013 11:42:41	14.88	3.30	0.10
10/17/2013 11:42:51	14.89	3.29	0.10
10/17/2013 11:43:01	14.88	3.30	0.10
10/17/2013 11:43:11	14.89	3.29	0.09
10/17/2013 11:43:21	14.88	3.30	0.09
10/17/2013 11:43:31	14.88	3.30	0.09
10/17/2013 11:43:41	14.88	3.30	0.09
10/17/2013 11:43:51	14.87	3.30	0.10
10/17/2013 11:44:01	14.88	3.30	0.10
10/17/2013 11:44:11	14.89	3.29	0.10
10/17/2013 11:44:21	14.89	3.29	0.10
10/17/2013 11:44:31	14.89	3.29	0.10
10/17/2013 11:44:41	14.90	3.29	0.10
10/17/2013 11:44:51	14.90	3.28	0.12
10/17/2013 11:45:01	14.90	3.29	0.12
10/17/2013 11:45:11	14.90	3.28	0.10
10/17/2013 11:45:21	14.90	3.28	0.20
10/17/2013 11:45:31	14.90	3.28	0.23
10/17/2013 11:45:41	14.90	3.28	0.16
10/17/2013 11:45:51	14.90	3.28	0.14
10/17/2013 11:46:01	14.90	3.28	0.13
10/17/2013 11:46:11	14.90	3.29	0.15
10/17/2013 11:46:21	14.89	3.29	0.14
10/17/2013 11:46:31	14.89	3.29	0.12
10/17/2013 11:46:41	14.91	3.28	0.10
10/17/2013 11:46:51	14.91	3.28	0.09
10/17/2013 11:47:01	14.92	3.27	0.10
10/17/2013 11:47:11	14.92	3.28	0.10
10/17/2013 11:47:21	14.92	3.28	0.10
10/17/2013 11:47:31	14.96	3.25	0.10
10/17/2013 11:47:41	15.03	3.24	0.10
10/17/2013 11:47:51	15.02	3.30	0.11
10/17/2013 11:48:01	14.90	3.46	0.10
10/17/2013 11:48:11	14.71	3.65	0.10
10/17/2013 11:48:21	14.45	3.89	0.10
10/17/2013 11:48:31	14.20	4.09	0.14
10/17/2013 11:48:41	13.96	4.27	0.16
10/17/2013 11:48:51	13.76	4.42	0.14
10/17/2013 11:49:01	13.57	4.58	0.13
10/17/2013 11:49:11	13.42	4.71	0.11
10/17/2013 11:49:21	13.30	4.81	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:49:31	13.22	4.88	0.12
10/17/2013 11:49:41	13.12	4.95	0.11
10/17/2013 11:49:51	13.04	5.00	0.10
10/17/2013 11:50:01	12.98	5.05	0.09
10/17/2013 11:50:11	12.93	5.08	0.09
10/17/2013 11:50:21	12.89	5.11	0.10
10/17/2013 11:50:31	12.85	5.14	0.09
10/17/2013 11:50:41	12.83	5.16	0.08
10/17/2013 11:50:51	12.80	5.19	0.10
10/17/2013 11:51:01	12.78	5.20	0.09
10/17/2013 11:51:11	12.76	5.21	0.10
10/17/2013 11:51:21	12.74	5.24	0.09
10/17/2013 11:51:31	12.71	5.25	0.09
10/17/2013 11:51:41	12.66	5.29	0.08
10/17/2013 11:51:51	12.59	5.33	0.09
10/17/2013 11:52:01	12.52	5.36	0.09
10/17/2013 11:52:11	12.47	5.41	0.07
10/17/2013 11:52:21	12.41	5.44	0.07
10/17/2013 11:52:31	12.37	5.48	0.07
10/17/2013 11:52:41	12.31	5.51	0.08
10/17/2013 11:52:51	12.27	5.53	0.09
10/17/2013 11:53:01	12.25	5.55	0.08
10/17/2013 11:53:11	12.22	5.57	0.09
10/17/2013 11:53:21	12.21	5.58	0.09
10/17/2013 11:53:31	12.21	5.58	0.08
10/17/2013 11:53:41	12.23	5.56	0.09
10/17/2013 11:53:51	12.21	5.58	0.09
10/17/2013 11:54:01	12.21	5.58	0.09
10/17/2013 11:54:11	12.19	5.61	0.09
10/17/2013 11:54:21	12.18	5.61	0.09
10/17/2013 11:54:31	12.16	5.61	0.09
10/17/2013 11:54:41	12.16	5.61	0.09
10/17/2013 11:54:51	12.15	5.63	0.09
10/17/2013 11:55:01	12.17	5.61	0.08
10/17/2013 11:55:11	12.16	5.62	0.07
10/17/2013 11:55:21	12.15	5.62	0.08
10/17/2013 11:55:31	12.16	5.62	0.08
10/17/2013 11:55:41	12.14	5.63	0.08
10/17/2013 11:55:51	12.14	5.63	0.08
10/17/2013 11:56:01	12.15	5.62	0.08
10/17/2013 11:56:11	12.13	5.64	0.07
10/17/2013 11:56:21	12.12	5.65	0.07
10/17/2013 11:56:31	12.11	5.67	0.07
10/17/2013 11:56:41	12.11	5.66	0.09
10/17/2013 11:56:51	12.10	5.68	0.07
10/17/2013 11:57:01	12.13	5.66	0.07
10/17/2013 11:57:11	12.13	5.66	0.07
10/17/2013 11:57:21	12.15	5.67	0.07
10/17/2013 11:57:31	12.15	5.67	0.07
10/17/2013 11:57:41	12.14	5.68	0.07
10/17/2013 11:57:51	12.15	5.68	0.08
10/17/2013 11:58:01	12.13	5.69	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 11:58:11	12.12	5.70	0.08
10/17/2013 11:58:21	12.11	5.70	0.09
10/17/2013 11:58:31	12.10	5.71	0.08
10/17/2013 11:58:41	12.08	5.73	0.08
10/17/2013 11:58:51	12.04	5.76	0.08
10/17/2013 11:59:01	12.02	5.77	0.08
10/17/2013 11:59:11	12.01	5.79	0.08
10/17/2013 11:59:21	11.99	5.81	0.09
10/17/2013 11:59:31	11.98	5.81	0.10
10/17/2013 11:59:41	11.93	5.86	0.09
10/17/2013 11:59:51	11.88	5.89	0.10
10/17/2013 12:00:01	11.83	5.93	0.10
10/17/2013 12:00:11	11.77	5.97	0.10
10/17/2013 12:00:21	11.76	5.99	0.10
10/17/2013 12:00:31	11.71	6.03	0.09
10/17/2013 12:00:41	11.70	6.03	0.10
10/17/2013 12:00:51	11.69	6.05	0.09
10/17/2013 12:01:01	11.65	6.08	0.10
10/17/2013 12:01:11	11.64	6.10	0.10
10/17/2013 12:01:21	11.61	6.13	0.09
10/17/2013 12:01:31	11.57	6.16	0.08
10/17/2013 12:01:41	11.52	6.20	0.08
10/17/2013 12:01:51	11.52	6.20	0.08
10/17/2013 12:02:01	11.57	6.15	0.08
10/17/2013 12:02:11	11.67	6.07	0.08
10/17/2013 12:02:21	11.82	5.96	0.07
10/17/2013 12:02:31	11.93	5.90	0.08
10/17/2013 12:02:41	11.91	5.93	0.09
10/17/2013 12:02:51	11.84	6.01	0.08
10/17/2013 12:03:01	11.70	6.13	0.08
10/17/2013 12:03:11	11.62	6.18	0.08
10/17/2013 12:03:21	11.55	6.23	0.08
10/17/2013 12:03:31	11.55	6.20	0.07
10/17/2013 12:03:41	11.61	6.16	0.07
10/17/2013 12:03:51	11.71	6.08	0.08
10/17/2013 12:04:01	11.76	6.06	0.10
10/17/2013 12:04:11	11.67	6.16	0.10
10/17/2013 12:04:21	11.55	6.26	0.09
10/17/2013 12:04:31	11.39	6.38	0.08
10/17/2013 12:04:41	11.28	6.45	0.08
10/17/2013 12:04:51	11.20	6.51	0.08
10/17/2013 12:05:01	11.21	6.48	0.07
10/17/2013 12:05:11	11.25	6.45	0.09
10/17/2013 12:05:21	11.40	6.34	0.09
10/17/2013 12:05:31	11.48	6.30	0.08
10/17/2013 12:05:41	11.44	6.37	0.09
10/17/2013 12:05:51	11.35	6.48	0.09
10/17/2013 12:06:01	11.25	6.56	0.08
10/17/2013 12:06:11	11.20	6.60	0.08
10/17/2013 12:06:21	11.14	6.65	0.09
10/17/2013 12:06:31	11.17	6.62	0.08
10/17/2013 12:06:41	11.24	6.57	0.07

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:06:51	11.37	6.47	0.08
10/17/2013 12:07:01	11.44	6.43	0.10
10/17/2013 12:07:11	11.41	6.47	0.10
10/17/2013 12:07:21	11.31	6.55	0.10
10/17/2013 12:07:31	11.19	6.64	0.10
10/17/2013 12:07:41	11.14	6.65	0.09
10/17/2013 12:07:51	11.11	6.66	0.08
10/17/2013 12:08:01	11.17	6.60	0.08
10/17/2013 12:08:11	11.27	6.52	0.08
10/17/2013 12:08:21	11.40	6.43	0.07
10/17/2013 12:08:31	11.40	6.46	0.07
10/17/2013 12:08:41	11.25	6.58	0.07
10/17/2013 12:08:51	11.05	6.73	0.07
10/17/2013 12:09:01	10.84	6.88	0.07
10/17/2013 12:09:11	10.66	6.99	0.07
10/17/2013 12:09:21	10.51	7.08	0.07
10/17/2013 12:09:31	10.48	7.08	0.07
10/17/2013 12:09:41	10.51	7.05	0.07
10/17/2013 12:09:51	10.54	7.04	0.07
10/17/2013 12:10:01	10.49	7.08	0.07
10/17/2013 12:10:11	10.39	7.16	0.07
10/17/2013 12:10:21	10.29	7.22	0.07
10/17/2013 12:10:31	10.24	7.25	0.06
10/17/2013 12:10:41	10.22	7.27	0.06
10/17/2013 12:10:51	10.26	7.22	0.07
10/17/2013 12:11:01	10.40	7.12	0.07
10/17/2013 12:11:11	10.61	6.97	0.07
10/17/2013 12:11:21	10.78	6.88	0.08
10/17/2013 12:11:31	10.77	6.92	0.08
10/17/2013 12:11:41	10.73	6.95	0.08
10/17/2013 12:11:51	10.66	7.01	0.08
10/17/2013 12:12:01	10.58	7.05	0.08
10/17/2013 12:12:11	10.55	7.07	0.07
10/17/2013 12:12:21	10.58	7.03	0.07
10/17/2013 12:12:31	10.67	6.96	0.07
10/17/2013 12:12:41	10.79	6.87	0.08
10/17/2013 12:12:51	10.89	6.80	0.09
10/17/2013 12:13:01	10.85	6.86	0.22
10/17/2013 12:13:11	5.79	0.64	0.05
10/17/2013 12:13:21	0.27	0.25	-0.01
10/17/2013 12:13:31	0.18	0.19	-0.02
10/17/2013 12:13:41	0.13	0.14	-0.03
10/17/2013 12:13:51	0.12	0.13	-0.01
10/17/2013 12:14:01	7.62	5.94	3.04
10/17/2013 12:14:11	17.29	0.34	21.67
10/17/2013 12:14:21	20.10	0.15	24.50
10/17/2013 12:14:31	20.24	0.12	24.79
10/17/2013 12:14:41	20.33	0.09	24.90
10/17/2013 12:14:51	20.37	0.08	24.95
10/17/2013 12:15:01	20.40	0.08	24.80
10/17/2013 12:15:11	20.42	0.07	24.85
10/17/2013 12:15:21	20.43	0.06	24.65



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
10/17/2013 12:15:31	17.98	3.35	8.73
10/17/2013 12:15:41	3.35	0.25	0.74
10/17/2013 12:15:51	0.43	0.10	-0.02
10/17/2013 12:16:01	0.27	0.08	-0.05
10/17/2013 12:16:11	0.19	0.06	-0.07
10/17/2013 12:16:21	0.15	0.05	-0.07
10/17/2013 12:16:31	0.11	0.05	-0.07
10/17/2013 12:16:41	0.10	0.05	-0.06
<b>N2 Zero</b>	<b>0.12</b>	<b>0.05</b>	<b>-0.07</b> thc cal
10/17/2013 12:16:51	0.27	0.26	0.31
10/17/2013 12:17:01	10.96	0.81	18.55
10/17/2013 12:17:11	19.93	0.11	24.46
10/17/2013 12:17:21	20.21	0.08	24.75
10/17/2013 12:17:31	20.30	0.06	24.83
10/17/2013 12:17:41	20.35	0.05	24.88
10/17/2013 12:17:51	20.38	0.04	24.91
10/17/2013 12:18:01	20.41	0.04	24.94
10/17/2013 12:18:11	20.43	0.04	24.95
<b>24.7 propane</b>	<b>20.41</b>	<b>0.04</b>	<b>24.93</b>
10/17/2013 12:18:21	20.42	0.05	14.36
10/17/2013 12:18:31	16.30	1.78	13.87
10/17/2013 12:18:41	20.26	0.12	14.88
10/17/2013 12:18:51	20.35	0.07	15.03
10/17/2013 12:19:01	20.37	0.06	15.07
10/17/2013 12:19:11	20.38	0.05	15.08
10/17/2013 12:19:21	20.39	0.04	15.09
10/17/2013 12:19:31	20.40	0.04	15.10
<b>14.8 propane</b>	<b>20.39</b>	<b>0.04</b>	<b>15.09</b>
10/17/2013 12:19:41	20.40	0.03	11.54
10/17/2013 12:19:51	13.61	4.62	6.94
10/17/2013 12:20:01	20.28	0.13	8.41
10/17/2013 12:20:11	20.45	0.07	8.50
10/17/2013 12:20:21	20.47	0.06	8.52
10/17/2013 12:20:31	20.48	0.05	8.54
10/17/2013 12:20:41	20.48	0.04	8.54
10/17/2013 12:20:51	20.49	0.04	8.54
10/17/2013 12:21:01	20.49	0.03	8.55
<b>8.43 propane</b>	<b>20.49</b>	<b>0.04</b>	<b>8.54</b>
10/17/2013 12:21:11	20.42	0.15	4.18
10/17/2013 12:21:21	11.22	6.87	0.43
10/17/2013 12:21:31	10.76	6.96	0.32
10/17/2013 12:21:41	10.76	7.00	0.28
10/17/2013 12:21:51	10.65	7.10	0.26
10/17/2013 12:22:01	10.60	7.16	0.21
10/17/2013 12:22:11	10.52	7.22	0.17
10/17/2013 12:22:21	10.43	7.28	0.15
10/17/2013 12:22:31	10.39	7.30	0.14
10/17/2013 12:22:41	10.35	7.32	0.13
10/17/2013 12:22:51	10.31	7.36	0.13
10/17/2013 12:23:01	10.28	7.38	0.12
10/17/2013 12:23:11	10.24	7.41	0.12
10/17/2013 12:23:21	10.26	7.39	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:23:31	10.23	7.42	0.13
10/17/2013 12:23:41	10.23	7.42	0.13
10/17/2013 12:23:51	10.20	7.45	0.13
10/17/2013 12:24:01	10.17	7.47	0.13
10/17/2013 12:24:11	10.16	7.48	0.13
10/17/2013 12:24:21	10.20	7.43	0.13
10/17/2013 12:24:31	10.31	7.34	0.12
10/17/2013 12:24:41	10.48	7.22	0.14
10/17/2013 12:24:51	10.64	7.12	0.14
10/17/2013 12:25:01	10.70	7.11	0.13
10/17/2013 12:25:11	10.69	7.12	0.12
10/17/2013 12:25:21	10.63	7.19	0.11
10/17/2013 12:25:31	10.57	7.21	0.11
10/17/2013 12:25:41	10.56	7.20	0.10
10/17/2013 12:25:51	10.63	7.14	0.10
10/17/2013 12:26:01	10.75	7.04	0.10
10/17/2013 12:26:11	10.91	6.93	0.10
10/17/2013 12:26:21	11.01	6.86	0.13
10/17/2013 12:26:31	10.95	6.93	0.13
10/17/2013 12:26:41	10.87	6.98	0.11
10/17/2013 12:26:51	10.75	7.06	0.11
10/17/2013 12:27:01	10.69	7.09	0.12
10/17/2013 12:27:11	10.62	7.13	0.11
10/17/2013 12:27:21	10.68	7.07	0.10
10/17/2013 12:27:31	10.81	6.96	0.10
10/17/2013 12:27:41	10.93	6.87	0.10
10/17/2013 12:27:51	10.99	6.83	0.10
10/17/2013 12:28:01	10.94	6.90	0.10
10/17/2013 12:28:11	10.83	6.97	0.10
10/17/2013 12:28:21	10.72	7.05	0.11
10/17/2013 12:28:31	10.66	7.08	0.10
10/17/2013 12:28:41	10.59	7.13	0.11
10/17/2013 12:28:51	11.91	5.06	0.32
10/17/2013 12:29:01	20.17	0.39	0.41
10/17/2013 12:29:11	13.85	6.18	0.20
10/17/2013 12:29:21	11.12	6.74	0.17
10/17/2013 12:29:31	10.99	6.83	0.15
10/17/2013 12:29:41	10.87	6.92	0.14
10/17/2013 12:29:51	10.71	7.03	0.13
<b>Start Run 3B</b>			
10/17/2013 12:30:01	10.61	7.08	0.12
10/17/2013 12:30:11	10.57	7.11	0.12
10/17/2013 12:30:21	10.62	7.05	0.11
10/17/2013 12:30:31	10.72	6.96	0.11
10/17/2013 12:30:41	10.87	6.85	0.11
10/17/2013 12:30:51	10.92	6.84	0.10
10/17/2013 12:31:01	10.88	6.89	0.11
10/17/2013 12:31:11	10.81	6.95	0.11
10/17/2013 12:31:21	10.76	6.98	0.11
10/17/2013 12:31:31	10.69	7.02	0.11
10/17/2013 12:31:41	10.61	7.08	0.11
10/17/2013 12:31:51	10.53	7.12	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:32:01	10.51	7.13	0.10
10/17/2013 12:32:11	10.50	7.12	0.10
10/17/2013 12:32:21	10.59	7.04	0.10
10/17/2013 12:32:31	10.72	6.94	0.11
10/17/2013 12:32:41	10.85	6.86	0.11
10/17/2013 12:32:51	10.91	6.83	0.12
10/17/2013 12:33:01	10.87	6.88	0.11
10/17/2013 12:33:11	10.79	6.94	0.11
10/17/2013 12:33:21	10.70	6.99	0.11
10/17/2013 12:33:31	10.65	7.05	0.11
10/17/2013 12:33:41	10.64	7.04	0.11
10/17/2013 12:33:51	10.73	6.97	0.11
10/17/2013 12:34:01	10.84	6.88	0.11
10/17/2013 12:34:11	10.94	6.82	0.11
10/17/2013 12:34:21	10.95	6.83	0.11
10/17/2013 12:34:31	10.88	6.89	0.11
10/17/2013 12:34:41	10.81	6.96	0.12
10/17/2013 12:34:51	10.72	7.01	0.11
10/17/2013 12:35:01	10.66	7.06	0.10
10/17/2013 12:35:11	10.67	7.02	0.10
10/17/2013 12:35:21	10.75	6.96	0.10
10/17/2013 12:35:31	10.88	6.86	0.10
10/17/2013 12:35:41	10.97	6.82	0.11
10/17/2013 12:35:51	10.96	6.85	0.11
10/17/2013 12:36:01	10.86	6.94	0.10
10/17/2013 12:36:11	10.74	7.03	0.12
10/17/2013 12:36:21	10.68	7.07	0.10
10/17/2013 12:36:31	10.64	7.09	0.10
10/17/2013 12:36:41	10.67	7.05	0.10
10/17/2013 12:36:51	10.77	6.97	0.10
10/17/2013 12:37:01	10.91	6.86	0.10
10/17/2013 12:37:11	10.99	6.82	0.10
10/17/2013 12:37:21	10.94	6.88	0.10
10/17/2013 12:37:31	10.88	6.93	0.10
10/17/2013 12:37:41	10.77	7.01	0.10
10/17/2013 12:37:51	10.70	7.07	0.10
10/17/2013 12:38:01	10.64	7.09	0.12
10/17/2013 12:38:11	10.72	7.02	0.13
10/17/2013 12:38:21	10.81	6.94	0.12
10/17/2013 12:38:31	10.92	6.87	0.11
10/17/2013 12:38:41	10.95	6.87	0.11
10/17/2013 12:38:51	10.86	6.95	0.12
10/17/2013 12:39:01	10.76	7.02	0.11
10/17/2013 12:39:11	10.65	7.10	0.11
10/17/2013 12:39:21	10.57	7.15	0.11
10/17/2013 12:39:31	10.58	7.11	0.11
10/17/2013 12:39:41	10.65	7.07	0.11
10/17/2013 12:39:51	10.74	6.98	0.11
10/17/2013 12:40:01	10.84	6.92	0.12
10/17/2013 12:40:11	10.83	6.95	0.11
10/17/2013 12:40:21	10.74	7.02	0.10
10/17/2013 12:40:31	10.64	7.10	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:40:41	10.57	7.13	0.10
10/17/2013 12:40:51	10.54	7.16	0.10
10/17/2013 12:41:01	10.54	7.13	0.10
10/17/2013 12:41:11	10.61	7.10	0.09
10/17/2013 12:41:21	10.35	7.25	0.07
10/17/2013 12:41:31	10.41	7.24	0.07
10/17/2013 12:41:41	10.37	7.29	0.09
10/17/2013 12:41:51	10.29	7.36	0.09
10/17/2013 12:42:01	10.21	7.42	0.09
10/17/2013 12:42:11	10.14	7.46	0.09
10/17/2013 12:42:21	10.09	7.50	0.10
10/17/2013 12:42:31	10.05	7.54	0.11
10/17/2013 12:42:41	10.16	7.31	0.15
10/17/2013 12:42:51	12.30	5.73	0.17
10/17/2013 12:43:01	11.80	6.44	0.17
10/17/2013 12:43:11	11.13	6.90	0.16
10/17/2013 12:43:21	10.65	7.25	0.14
10/17/2013 12:43:31	10.65	7.21	0.13
10/17/2013 12:43:41	10.88	7.05	0.13
10/17/2013 12:43:51	11.13	6.87	0.14
10/17/2013 12:44:01	11.35	6.71	0.14
10/17/2013 12:44:11	11.50	6.60	0.14
10/17/2013 12:44:21	11.67	6.48	0.13
10/17/2013 12:44:31	11.77	6.41	0.14
10/17/2013 12:44:41	11.74	6.48	0.15
10/17/2013 12:44:51	12.27	5.79	0.17
10/17/2013 12:45:01	12.47	5.84	0.17
10/17/2013 12:45:11	12.52	5.84	0.15
10/17/2013 12:45:21	12.40	5.99	0.14
10/17/2013 12:45:31	12.27	6.08	0.12
10/17/2013 12:45:41	12.20	6.13	0.11
10/17/2013 12:45:51	12.13	6.17	0.11
10/17/2013 12:46:01	12.05	6.22	0.10
10/17/2013 12:46:11	11.94	6.28	0.12
10/17/2013 12:46:21	11.89	6.30	0.12
10/17/2013 12:46:31	11.91	6.26	0.12
10/17/2013 12:46:41	12.00	6.09	0.14
10/17/2013 12:46:51	12.06	6.03	0.13
10/17/2013 12:47:01	11.91	6.21	0.11
10/17/2013 12:47:11	11.75	6.36	0.11
10/17/2013 12:47:21	11.60	6.47	0.11
10/17/2013 12:47:31	11.53	6.51	0.11
10/17/2013 12:47:41	11.54	6.46	0.11
10/17/2013 12:47:51	11.66	6.36	0.10
10/17/2013 12:48:01	11.77	6.25	0.10
10/17/2013 12:48:11	11.92	6.14	0.10
10/17/2013 12:48:21	11.93	6.15	0.10
10/17/2013 12:48:31	11.80	6.25	0.10
10/17/2013 12:48:41	11.63	6.39	0.10
10/17/2013 12:48:51	11.45	6.52	0.10
10/17/2013 12:49:01	11.28	6.65	0.11
10/17/2013 12:49:11	11.21	6.67	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 12:49:21	11.20	6.67	0.12
10/17/2013 12:49:31	11.27	6.61	0.10
10/17/2013 12:49:41	11.27	6.63	0.10
10/17/2013 12:49:51	11.14	6.74	0.08
10/17/2013 12:50:01	11.00	6.85	0.08
10/17/2013 12:50:11	10.85	6.95	0.08
10/17/2013 12:50:21	10.79	6.99	0.09
10/17/2013 12:50:31	10.76	6.99	0.09
10/17/2013 12:50:41	10.83	6.95	0.09
10/17/2013 12:50:51	10.95	6.84	0.09
10/17/2013 12:51:01	11.10	6.74	0.10
10/17/2013 12:51:11	11.09	6.77	0.09
10/17/2013 12:51:21	11.03	6.82	0.09
10/17/2013 12:51:31	10.87	6.96	0.09
10/17/2013 12:51:41	10.80	7.00	0.08
10/17/2013 12:51:51	10.70	7.07	0.09
10/17/2013 12:52:01	10.73	7.03	0.09
10/17/2013 12:52:11	10.80	6.97	0.08
10/17/2013 12:52:21	10.92	6.88	0.08
10/17/2013 12:52:31	10.93	6.91	0.09
10/17/2013 12:52:41	10.89	6.95	0.09
10/17/2013 12:52:51	10.80	7.02	0.09
10/17/2013 12:53:01	10.70	7.09	0.09
10/17/2013 12:53:11	10.65	7.12	0.09
10/17/2013 12:53:21	10.69	7.07	0.10
10/17/2013 12:53:31	10.78	7.00	0.10
10/17/2013 12:53:41	10.92	6.90	0.10
10/17/2013 12:53:51	11.01	6.86	0.10
10/17/2013 12:54:01	10.97	6.93	0.10
10/17/2013 12:54:11	10.91	6.98	0.07
10/17/2013 12:54:21	10.79	7.07	0.07
10/17/2013 12:54:31	10.71	7.13	0.09
10/17/2013 12:54:41	10.70	7.12	0.10
10/17/2013 12:54:51	10.76	7.07	0.10
10/17/2013 12:55:01	10.84	6.99	0.10
10/17/2013 12:55:11	10.99	6.89	0.11
10/17/2013 12:55:21	11.04	6.87	0.10
10/17/2013 12:55:31	10.98	6.93	0.10
10/17/2013 12:55:41	10.91	6.98	0.10
10/17/2013 12:55:51	10.82	7.05	0.10
10/17/2013 12:56:01	10.74	7.10	0.10
10/17/2013 12:56:11	10.68	7.13	0.10
10/17/2013 12:56:21	10.75	7.07	0.08
10/17/2013 12:56:31	10.85	6.99	0.09
10/17/2013 12:56:41	10.99	6.89	0.09
10/17/2013 12:56:51	11.05	6.86	0.10
10/17/2013 12:57:01	11.02	6.89	0.10
10/17/2013 12:57:11	10.98	6.94	0.11
10/17/2013 12:57:21	10.87	7.01	0.12
10/17/2013 12:57:31	10.79	7.07	0.11
10/17/2013 12:57:41	10.73	7.11	0.11
10/17/2013 12:57:51	10.70	7.12	0.11

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 12:58:01	10.77	7.06	0.12
10/17/2013 12:58:11	10.88	6.97	0.12
10/17/2013 12:58:21	11.06	6.83	0.12
10/17/2013 12:58:31	11.13	6.81	0.12
10/17/2013 12:58:41	11.08	6.85	0.12
10/17/2013 12:58:51	11.04	6.88	0.12
10/17/2013 12:59:01	10.94	6.96	0.11
10/17/2013 12:59:11	10.89	6.99	0.11
10/17/2013 12:59:21	10.86	7.00	0.10
10/17/2013 12:59:31	10.94	6.92	0.09
10/17/2013 12:59:41	11.03	6.86	0.10
10/17/2013 12:59:51	11.15	6.76	0.10
10/17/2013 13:00:01	11.21	6.74	0.11
10/17/2013 13:00:11	11.17	6.77	0.10
10/17/2013 13:00:21	11.13	6.81	0.09
10/17/2013 13:00:31	11.08	6.83	0.09
10/17/2013 13:00:41	11.06	6.84	0.08
10/17/2013 13:00:51	11.03	6.84	0.08
10/17/2013 13:01:01	11.13	6.76	0.09
10/17/2013 13:01:11	11.22	6.67	0.10
10/17/2013 13:01:21	11.39	6.55	0.10
10/17/2013 13:01:31	11.45	6.53	0.11
10/17/2013 13:01:41	11.37	6.60	0.11
10/17/2013 13:01:51	11.28	6.68	0.11
10/17/2013 13:02:01	11.18	6.75	0.11
10/17/2013 13:02:11	11.11	6.80	0.10
10/17/2013 13:02:21	11.08	6.80	0.10
10/17/2013 13:02:31	11.15	6.74	0.10
10/17/2013 13:02:41	11.25	6.65	0.10
10/17/2013 13:02:51	11.37	6.56	0.10
10/17/2013 13:03:01	11.38	6.60	0.11
10/17/2013 13:03:11	11.30	6.66	0.11
10/17/2013 13:03:21	11.18	6.77	0.10
10/17/2013 13:03:31	11.06	6.84	0.10
10/17/2013 13:03:41	11.00	6.88	0.11
10/17/2013 13:03:51	11.01	6.86	0.11
10/17/2013 13:04:01	11.10	6.78	0.11
10/17/2013 13:04:11	11.21	6.69	0.10
10/17/2013 13:04:21	11.34	6.60	0.10
10/17/2013 13:04:31	11.36	6.61	0.10
10/17/2013 13:04:41	11.29	6.67	0.10
10/17/2013 13:04:51	11.20	6.74	0.09
10/17/2013 13:05:01	11.12	6.79	0.10
10/17/2013 13:05:11	11.05	6.83	0.09
10/17/2013 13:05:21	11.07	6.80	0.08
10/17/2013 13:05:31	11.13	6.76	0.08
10/17/2013 13:05:41	11.24	6.67	0.08
10/17/2013 13:05:51	11.30	6.65	0.10
10/17/2013 13:06:01	11.23	6.73	0.10
10/17/2013 13:06:11	11.10	6.82	0.10
10/17/2013 13:06:21	10.95	6.94	0.10
10/17/2013 13:06:31	10.85	7.01	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:06:41	10.77	7.06	0.10
10/17/2013 13:06:51	10.82	7.02	0.10
10/17/2013 13:07:01	10.91	6.94	0.10
10/17/2013 13:07:11	11.03	6.87	0.10
10/17/2013 13:07:21	11.10	6.83	0.10
10/17/2013 13:07:31	11.04	6.91	0.10
10/17/2013 13:07:41	10.96	6.97	0.10
10/17/2013 13:07:51	10.85	7.06	0.11
10/17/2013 13:08:01	10.79	7.11	0.12
10/17/2013 13:08:11	10.76	7.11	0.14
10/17/2013 13:08:21	10.83	7.06	0.13
10/17/2013 13:08:31	10.95	6.96	0.12
10/17/2013 13:08:41	11.09	6.85	0.12
10/17/2013 13:08:51	11.14	6.84	0.11
10/17/2013 13:09:01	11.09	6.88	0.11
10/17/2013 13:09:11	11.00	6.96	0.10
10/17/2013 13:09:21	10.92	7.00	0.10
10/17/2013 13:09:31	10.91	7.02	0.10
10/17/2013 13:09:41	10.86	7.04	0.10
10/17/2013 13:09:51	10.92	7.00	0.11
10/17/2013 13:10:01	11.01	6.91	0.11
10/17/2013 13:10:11	11.13	6.82	0.11
10/17/2013 13:10:21	11.11	6.86	0.10
10/17/2013 13:10:31	11.04	6.90	0.10
10/17/2013 13:10:41	10.97	6.98	0.10
10/17/2013 13:10:51	10.85	7.04	0.10
10/17/2013 13:11:01	10.81	7.07	0.09
10/17/2013 13:11:11	10.86	7.02	0.10
10/17/2013 13:11:21	10.95	6.95	0.10
10/17/2013 13:11:31	11.05	6.88	0.10
10/17/2013 13:11:41	11.15	6.82	0.10
10/17/2013 13:11:51	11.10	6.89	0.11
10/17/2013 13:12:01	10.99	6.98	0.11
10/17/2013 13:12:11	10.89	7.07	0.11
10/17/2013 13:12:21	10.80	7.14	0.11
10/17/2013 13:12:31	10.74	7.17	0.11
10/17/2013 13:12:41	10.78	7.13	0.11
10/17/2013 13:12:51	10.85	7.05	0.11
10/17/2013 13:13:01	10.99	6.94	0.11
10/17/2013 13:13:11	11.03	6.92	0.10
10/17/2013 13:13:21	10.99	6.96	0.10
10/17/2013 13:13:31	10.91	7.03	0.10
10/17/2013 13:13:41	10.77	7.12	0.10
10/17/2013 13:13:51	10.72	7.14	0.11
10/17/2013 13:14:01	10.68	7.15	0.11
10/17/2013 13:14:11	10.76	7.08	0.11
10/17/2013 13:14:21	10.83	7.03	0.11
10/17/2013 13:14:31	10.97	6.92	0.10
10/17/2013 13:14:41	10.98	6.94	0.10
10/17/2013 13:14:51	10.90	6.99	0.11
10/17/2013 13:15:01	10.79	7.07	0.10
10/17/2013 13:15:11	10.66	7.16	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:15:21	10.59	7.20	0.10
10/17/2013 13:15:31	10.54	7.21	0.09
10/17/2013 13:15:41	10.60	7.16	0.08
10/17/2013 13:15:51	10.72	7.05	0.08
10/17/2013 13:16:01	10.85	6.98	0.09
10/17/2013 13:16:11	10.86	7.00	0.09
10/17/2013 13:16:21	10.75	7.08	0.09
10/17/2013 13:16:31	10.67	7.16	0.10
10/17/2013 13:16:41	10.59	7.21	0.10
10/17/2013 13:16:51	10.49	7.30	0.10
10/17/2013 13:17:01	10.50	7.27	0.10
10/17/2013 13:17:11	10.56	7.22	0.10
10/17/2013 13:17:21	10.70	7.11	0.10
10/17/2013 13:17:31	10.81	7.05	0.10
10/17/2013 13:17:41	10.78	7.09	0.10
10/17/2013 13:17:51	10.71	7.16	0.10
10/17/2013 13:18:01	10.59	7.27	0.11
10/17/2013 13:18:11	10.50	7.32	0.10
10/17/2013 13:18:21	10.45	7.34	0.11
10/17/2013 13:18:31	10.51	7.28	0.12
10/17/2013 13:18:41	10.60	7.21	0.11
10/17/2013 13:18:51	10.75	7.09	0.13
10/17/2013 13:19:01	10.85	7.03	0.13
10/17/2013 13:19:11	10.80	7.07	0.13
10/17/2013 13:19:21	10.73	7.12	0.13
10/17/2013 13:19:31	10.64	7.19	0.12
10/17/2013 13:19:41	10.55	7.25	0.10
10/17/2013 13:19:51	10.46	7.29	0.10
10/17/2013 13:20:01	10.50	7.24	0.10
10/17/2013 13:20:11	10.59	7.17	0.10
10/17/2013 13:20:21	10.71	7.08	0.10
10/17/2013 13:20:31	10.75	7.09	0.10
10/17/2013 13:20:41	10.68	7.15	0.10
10/17/2013 13:20:51	10.60	7.22	0.11
10/17/2013 13:21:01	10.48	7.30	0.11
10/17/2013 13:21:11	10.38	7.36	0.10
10/17/2013 13:21:21	10.34	7.37	0.10
10/17/2013 13:21:31	10.42	7.30	0.10
10/17/2013 13:21:41	10.52	7.22	0.10
10/17/2013 13:21:51	10.65	7.14	0.10
10/17/2013 13:22:01	10.66	7.15	0.10
10/17/2013 13:22:11	10.62	7.20	0.10
10/17/2013 13:22:21	10.54	7.27	0.10
10/17/2013 13:22:31	10.42	7.34	0.08
10/17/2013 13:22:41	10.39	7.36	0.09
10/17/2013 13:22:51	10.40	7.33	0.10
10/17/2013 13:23:01	10.51	7.25	0.10
10/17/2013 13:23:11	10.65	7.13	0.10
10/17/2013 13:23:21	10.79	7.04	0.09
10/17/2013 13:23:31	10.80	7.06	0.09
10/17/2013 13:23:41	10.72	7.12	0.09
10/17/2013 13:23:51	10.62	7.20	0.09



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:24:01	10.53	7.25	0.09
10/17/2013 13:24:11	10.50	7.28	0.08
10/17/2013 13:24:21	10.52	7.24	0.10
10/17/2013 13:24:31	10.59	7.19	0.10
10/17/2013 13:24:41	10.73	7.08	0.10
10/17/2013 13:24:51	10.83	7.03	0.10
10/17/2013 13:25:01	10.79	7.07	0.10
10/17/2013 13:25:11	10.70	7.15	0.10
10/17/2013 13:25:21	10.58	7.23	0.10
10/17/2013 13:25:31	10.50	7.29	0.09
10/17/2013 13:25:41	10.42	7.34	0.08
10/17/2013 13:25:51	10.44	7.30	0.09
10/17/2013 13:26:01	10.53	7.22	0.09
10/17/2013 13:26:11	10.67	7.12	0.10
10/17/2013 13:26:21	10.72	7.11	0.09
10/17/2013 13:26:31	10.68	7.16	0.09
10/17/2013 13:26:41	10.61	7.21	0.09
10/17/2013 13:26:51	10.47	7.32	0.09
10/17/2013 13:27:01	10.37	7.38	0.09
10/17/2013 13:27:11	10.31	7.42	0.09
10/17/2013 13:27:21	10.38	7.35	0.07
10/17/2013 13:27:31	10.47	7.27	0.08
10/17/2013 13:27:41	10.60	7.20	0.09
10/17/2013 13:27:51	10.62	7.20	0.10
10/17/2013 13:28:01	10.54	7.29	0.10
10/17/2013 13:28:11	10.48	7.32	0.10
10/17/2013 13:28:21	10.37	7.42	0.10
10/17/2013 13:28:31	10.33	7.45	0.09
10/17/2013 13:28:41	10.30	7.46	0.10
10/17/2013 13:28:51	10.37	7.39	0.09
10/17/2013 13:29:01	10.45	7.32	0.09
10/17/2013 13:29:11	10.59	7.22	0.10
10/17/2013 13:29:21	10.64	7.21	0.10
10/17/2013 13:29:31	10.64	7.22	0.10
10/17/2013 13:29:41	10.55	7.31	0.10
10/17/2013 13:29:51	10.41	7.42	0.10
10/17/2013 13:30:01	10.30	7.48	0.10
10/17/2013 13:30:11	10.25	7.50	0.10
10/17/2013 13:30:21	10.30	7.45	0.10
10/17/2013 13:30:31	10.42	7.36	0.10
10/17/2013 13:30:41	10.59	7.24	0.11
10/17/2013 13:30:51	10.68	7.19	0.10
10/17/2013 13:31:01	10.70	7.18	0.10
10/17/2013 13:31:11	10.65	7.24	0.10
10/17/2013 13:31:21	10.60	7.27	0.09
10/17/2013 13:31:31	10.55	7.31	0.10
10/17/2013 13:31:41	10.47	7.36	0.10
10/17/2013 13:31:51	10.42	7.39	0.10
10/17/2013 13:32:01	10.39	7.42	0.09
10/17/2013 13:32:11	10.33	7.45	0.10
10/17/2013 13:32:21	10.32	7.44	0.10
10/17/2013 13:32:31	10.37	7.39	0.10

	O2 (%)	CO2 (%)	THC (ppm)
<b>24 Hour time</b>			
10/17/2013 13:32:41	10.47	7.32	0.10
10/17/2013 13:32:51	10.62	7.22	0.10
10/17/2013 13:33:01	10.70	7.17	0.10
10/17/2013 13:33:11	10.67	7.23	0.10
10/17/2013 13:33:21	10.59	7.31	0.10
10/17/2013 13:33:31	10.45	7.42	0.11
10/17/2013 13:33:41	10.38	7.46	0.10
10/17/2013 13:33:51	10.32	7.49	0.09
10/17/2013 13:34:01	10.38	7.44	0.11
10/17/2013 13:34:11	10.49	7.33	0.11
10/17/2013 13:34:21	10.66	7.23	0.11
10/17/2013 13:34:31	10.69	7.23	0.11
10/17/2013 13:34:41	10.61	7.32	0.11
10/17/2013 13:34:51	10.53	7.39	0.11
10/17/2013 13:35:01	10.39	7.49	0.11
10/17/2013 13:35:11	10.32	7.54	0.11
10/17/2013 13:35:21	10.28	7.55	0.12
10/17/2013 13:35:31	10.37	7.46	0.12
10/17/2013 13:35:41	10.46	7.38	0.10
10/17/2013 13:35:51	10.59	7.29	0.12
10/17/2013 13:36:01	10.61	7.29	0.39
<b>25A Drift Check</b>			
10/17/2013 13:36:11	4.49	0.58	0.06
10/17/2013 13:36:21	0.24	0.25	-0.03
10/17/2013 13:36:31	0.14	0.17	-0.02
10/17/2013 13:36:41	0.11	0.14	-0.02
10/17/2013 13:36:51	0.10	0.13	-0.03
10/17/2013 13:37:01	0.07	0.11	-0.03
10/17/2013 13:37:11	0.06	0.10	-0.03
10/17/2013 13:37:21	0.05	0.09	-0.03
10/17/2013 13:37:31	0.04	0.08	-0.02
<b>N2 Zero</b>	<b>0.05</b>	<b>0.09</b>	<b>-0.02</b>
10/17/2013 13:37:41	1.47	1.80	0.42
10/17/2013 13:37:51	12.44	0.73	10.91
10/17/2013 13:38:01	19.87	0.14	14.15
10/17/2013 13:38:11	20.09	0.10	14.36
10/17/2013 13:38:21	20.17	0.09	14.49
10/17/2013 13:38:31	20.24	0.07	14.61
10/17/2013 13:38:41	20.26	0.07	14.68
10/17/2013 13:38:51	20.29	0.06	14.71
10/17/2013 13:39:01	20.30	0.06	14.77
10/17/2013 13:39:11	20.32	0.06	14.80
10/17/2013 13:39:21	20.33	0.05	14.83
<b>14.8 propane</b>	<b>20.32</b>	<b>0.05</b>	<b>14.80</b>
10/17/2013 13:39:31	20.34	0.05	14.34
10/17/2013 13:39:41	17.65	4.04	2.65
10/17/2013 13:39:51	11.16	6.88	0.37
10/17/2013 13:40:01	10.84	7.05	0.30
10/17/2013 13:40:11	10.67	7.20	0.26
10/17/2013 13:40:21	10.51	7.30	0.22
10/17/2013 13:40:31	10.43	7.35	0.19
10/17/2013 13:40:41	10.38	7.37	0.17

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
<b>End 25A Drift Check</b>			
10/17/2013 13:40:51	10.46	7.30	0.15
10/17/2013 13:41:01	10.55	7.22	0.14
10/17/2013 13:41:11	10.67	7.13	0.14
10/17/2013 13:41:21	10.76	7.08	0.14
10/17/2013 13:41:31	10.68	7.15	0.14
10/17/2013 13:41:41	10.58	7.24	0.13
10/17/2013 13:41:51	10.45	7.32	0.12
10/17/2013 13:42:01	10.40	7.36	0.12
10/17/2013 13:42:11	10.37	7.36	0.11
10/17/2013 13:42:21	10.45	7.29	0.11
10/17/2013 13:42:31	10.59	7.19	0.12
10/17/2013 13:42:41	10.71	7.11	0.12
10/17/2013 13:42:51	10.73	7.12	0.12
10/17/2013 13:43:01	10.63	7.20	0.11
10/17/2013 13:43:11	10.53	7.28	0.12
10/17/2013 13:43:21	10.42	7.36	0.12
10/17/2013 13:43:31	10.36	7.39	0.12
10/17/2013 13:43:41	10.34	7.38	0.12
10/17/2013 13:43:51	10.41	7.31	0.11
10/17/2013 13:44:01	10.54	7.21	0.10
10/17/2013 13:44:11	10.65	7.16	0.11
10/17/2013 13:44:21	10.61	7.21	0.10
10/17/2013 13:44:31	10.50	7.29	0.11
10/17/2013 13:44:41	10.37	7.40	0.12
10/17/2013 13:44:51	10.24	7.46	0.11
10/17/2013 13:45:01	10.20	7.48	0.10
10/17/2013 13:45:11	10.18	7.48	0.10
10/17/2013 13:45:21	10.28	7.40	0.12
10/17/2013 13:45:31	10.42	7.29	0.12
10/17/2013 13:45:41	10.53	7.23	0.12
10/17/2013 13:45:51	10.53	7.24	0.13
10/17/2013 13:46:01	10.46	7.29	0.12
10/17/2013 13:46:11	10.38	7.35	0.12
10/17/2013 13:46:21	10.28	7.43	0.12
10/17/2013 13:46:31	10.23	7.46	0.12
10/17/2013 13:46:41	10.24	7.43	0.13
10/17/2013 13:46:51	10.33	7.36	0.12
10/17/2013 13:47:01	10.47	7.25	0.12
10/17/2013 13:47:11	10.62	7.15	0.12
10/17/2013 13:47:21	10.64	7.16	0.13
10/17/2013 13:47:31	10.56	7.23	0.13
10/17/2013 13:47:41	10.47	7.31	0.12
10/17/2013 13:47:51	10.33	7.40	0.13
10/17/2013 13:48:01	10.26	7.45	0.14
10/17/2013 13:48:11	10.25	7.43	0.14
10/17/2013 13:48:21	10.30	7.39	0.12
10/17/2013 13:48:31	10.44	7.28	0.11
10/17/2013 13:48:41	10.58	7.19	0.11
10/17/2013 13:48:51	10.60	7.20	0.11
10/17/2013 13:49:01	10.54	7.24	0.12
10/17/2013 13:49:11	10.47	7.28	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:49:21	10.41	7.33	0.11
10/17/2013 13:49:31	10.39	7.33	0.13
10/17/2013 13:49:41	10.36	7.35	0.12
10/17/2013 13:49:51	10.31	7.37	0.12
10/17/2013 13:50:01	10.28	7.40	0.12
10/17/2013 13:50:11	10.26	7.39	0.11
10/17/2013 13:50:21	10.25	7.39	0.11
10/17/2013 13:50:31	10.23	7.40	0.12
10/17/2013 13:50:41	10.22	7.42	0.12
10/17/2013 13:50:51	10.17	7.44	0.12
10/17/2013 13:51:01	10.17	7.44	0.11
10/17/2013 13:51:11	10.22	7.39	0.11
10/17/2013 13:51:21	10.33	7.32	0.12
10/17/2013 13:51:31	10.45	7.23	0.11
10/17/2013 13:51:41	10.62	7.11	0.11
10/17/2013 13:51:51	10.62	7.14	0.10
10/17/2013 13:52:01	10.56	7.19	0.10
10/17/2013 13:52:11	10.45	7.28	0.10
10/17/2013 13:52:21	10.35	7.34	0.11
10/17/2013 13:52:31	10.30	7.36	0.10
10/17/2013 13:52:41	10.31	7.34	0.11
10/17/2013 13:52:51	10.40	7.27	0.12
10/17/2013 13:53:01	10.54	7.16	0.12
10/17/2013 13:53:11	10.64	7.12	0.12
10/17/2013 13:53:21	10.58	7.17	0.12
10/17/2013 13:53:31	10.49	7.25	0.12
10/17/2013 13:53:41	10.37	7.35	0.12
10/17/2013 13:53:51	10.28	7.40	0.11
10/17/2013 13:54:01	10.20	7.46	0.10
10/17/2013 13:54:11	10.24	7.42	0.11
10/17/2013 13:54:21	10.34	7.33	0.12
10/17/2013 13:54:31	10.49	7.23	0.11
10/17/2013 13:54:41	10.53	7.23	0.11
10/17/2013 13:54:51	10.48	7.27	0.11
10/17/2013 13:55:01	10.39	7.35	0.11
10/17/2013 13:55:11	10.29	7.42	0.11
10/17/2013 13:55:21	10.23	7.47	0.10
10/17/2013 13:55:31	10.21	7.46	0.10
10/17/2013 13:55:41	10.29	7.40	0.10
10/17/2013 13:55:51	10.43	7.28	0.10
10/17/2013 13:56:01	10.55	7.21	0.10
10/17/2013 13:56:11	10.56	7.23	0.10
10/17/2013 13:56:21	10.52	7.26	0.10
10/17/2013 13:56:31	10.38	7.38	0.10
10/17/2013 13:56:41	10.29	7.44	0.10
10/17/2013 13:56:51	10.22	7.48	0.09
10/17/2013 13:57:01	10.23	7.46	0.10
10/17/2013 13:57:11	10.33	7.38	0.10
10/17/2013 13:57:21	10.46	7.28	0.10
10/17/2013 13:57:31	10.57	7.21	0.10
10/17/2013 13:57:41	10.54	7.25	0.10
10/17/2013 13:57:51	10.46	7.32	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 13:58:01	10.31	7.44	0.10
10/17/2013 13:58:11	10.22	7.50	0.10
10/17/2013 13:58:21	10.16	7.54	0.10
10/17/2013 13:58:31	10.20	7.49	0.10
10/17/2013 13:58:41	10.28	7.41	0.11
10/17/2013 13:58:51	10.42	7.30	0.11
10/17/2013 13:59:01	10.49	7.27	0.10
10/17/2013 13:59:11	10.40	7.34	0.11
10/17/2013 13:59:21	10.32	7.40	0.11
10/17/2013 13:59:31	10.25	7.44	0.10
10/17/2013 13:59:41	10.17	7.48	0.10
10/17/2013 13:59:51	10.13	7.50	0.10
10/17/2013 14:00:01	10.18	7.45	0.10
10/17/2013 14:00:11	10.29	7.36	0.10
10/17/2013 14:00:21	10.45	7.25	0.10
10/17/2013 14:00:31	10.49	7.25	0.10
10/17/2013 14:00:41	10.43	7.30	0.10
10/17/2013 14:00:51	10.36	7.36	0.11
10/17/2013 14:01:01	10.25	7.44	0.10
10/17/2013 14:01:11	10.18	7.49	0.10
10/17/2013 14:01:21	10.17	7.47	0.10
10/17/2013 14:01:31	10.24	7.42	0.10
10/17/2013 14:01:41	10.34	7.34	0.10
10/17/2013 14:01:51	10.46	7.26	0.10
10/17/2013 14:02:01	10.46	7.29	0.10
10/17/2013 14:02:11	10.36	7.37	0.10
10/17/2013 14:02:21	10.25	7.46	0.10
10/17/2013 14:02:31	10.10	7.56	0.10
10/17/2013 14:02:41	10.01	7.63	0.10
10/17/2013 14:02:51	10.00	7.62	0.11
10/17/2013 14:03:01	10.07	7.57	0.10
10/17/2013 14:03:11	10.20	7.47	0.11
10/17/2013 14:03:21	10.32	7.41	0.11
10/17/2013 14:03:31	10.31	7.44	0.10
10/17/2013 14:03:41	10.22	7.50	0.10
10/17/2013 14:03:51	10.13	7.57	0.09
10/17/2013 14:04:01	10.04	7.62	0.11
10/17/2013 14:04:11	9.98	7.66	0.10
10/17/2013 14:04:21	9.99	7.63	0.10
10/17/2013 14:04:31	10.07	7.56	0.10
10/17/2013 14:04:41	10.22	7.44	0.10
10/17/2013 14:04:51	10.32	7.38	0.10
10/17/2013 14:05:01	10.30	7.42	0.10
10/17/2013 14:05:11	10.25	7.46	0.10
10/17/2013 14:05:21	10.12	7.55	0.10
10/17/2013 14:05:31	10.03	7.61	0.10
10/17/2013 14:05:41	9.99	7.63	0.10
10/17/2013 14:05:51	10.04	7.58	0.10
10/17/2013 14:06:01	10.11	7.52	0.10
10/17/2013 14:06:11	10.25	7.43	0.10
10/17/2013 14:06:21	10.29	7.40	0.09
10/17/2013 14:06:31	10.23	7.47	0.09

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:06:41	10.16	7.52	0.09
10/17/2013 14:06:51	10.03	7.61	0.08
10/17/2013 14:07:01	9.98	7.64	0.10
10/17/2013 14:07:11	9.94	7.66	0.10
10/17/2013 14:07:21	10.01	7.60	0.10
10/17/2013 14:07:31	10.11	7.52	0.10
10/17/2013 14:07:41	10.26	7.41	0.10
10/17/2013 14:07:51	10.29	7.42	0.10
10/17/2013 14:08:01	10.22	7.47	0.10
10/17/2013 14:08:11	10.13	7.54	0.10
10/17/2013 14:08:21	10.02	7.61	0.11
10/17/2013 14:08:31	9.96	7.65	0.10
10/17/2013 14:08:41	9.93	7.66	0.10
10/17/2013 14:08:51	9.98	7.62	0.10
10/17/2013 14:09:01	10.10	7.51	0.10
10/17/2013 14:09:11	10.24	7.42	0.11
10/17/2013 14:09:21	10.27	7.43	0.12
10/17/2013 14:09:31	10.20	7.48	0.11
10/17/2013 14:09:41	10.10	7.57	0.11
10/17/2013 14:09:51	9.96	7.65	0.11
10/17/2013 14:10:01	9.89	7.69	0.11
10/17/2013 14:10:11	9.91	7.65	0.10
10/17/2013 14:10:21	9.99	7.59	0.10
10/17/2013 14:10:31	10.11	7.50	0.09
10/17/2013 14:10:41	10.25	7.41	0.10
10/17/2013 14:10:51	10.26	7.42	0.10
10/17/2013 14:11:01	10.18	7.50	0.10
10/17/2013 14:11:11	10.06	7.60	0.11
10/17/2013 14:11:21	9.93	7.68	0.11
10/17/2013 14:11:31	9.85	7.74	0.10
10/17/2013 14:11:41	9.84	7.73	0.10
10/17/2013 14:11:51	9.89	7.69	0.10
10/17/2013 14:12:01	9.97	7.63	0.10
10/17/2013 14:12:11	10.06	7.59	0.12
10/17/2013 14:12:21	10.06	7.61	0.11
10/17/2013 14:12:31	9.99	7.66	0.11
10/17/2013 14:12:41	9.95	7.70	0.10
10/17/2013 14:12:51	9.90	7.73	0.10
10/17/2013 14:13:01	9.89	7.73	0.12
10/17/2013 14:13:11	9.85	7.77	0.12
10/17/2013 14:13:21	9.79	7.81	0.13
10/17/2013 14:13:31	9.68	7.93	0.14
10/17/2013 14:13:41	9.57	8.02	0.13
10/17/2013 14:13:51	9.50	8.07	0.13
10/17/2013 14:14:01	9.56	8.03	0.12
10/17/2013 14:14:11	9.67	7.94	0.12
10/17/2013 14:14:21	9.90	7.79	0.13
10/17/2013 14:14:31	10.02	7.73	0.14
10/17/2013 14:14:41	10.03	7.74	0.14
10/17/2013 14:14:51	10.00	7.78	0.14
10/17/2013 14:15:01	9.93	7.82	0.13
10/17/2013 14:15:11	9.92	7.82	0.13

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:15:21	9.95	7.78	0.13
10/17/2013 14:15:31	10.09	7.66	0.14
10/17/2013 14:15:41	10.23	7.56	0.13
10/17/2013 14:15:51	10.40	7.43	0.13
10/17/2013 14:16:01	10.46	7.40	0.13
10/17/2013 14:16:11	10.41	7.45	0.13
10/17/2013 14:16:21	10.29	7.54	0.11
10/17/2013 14:16:31	10.17	7.61	0.13
10/17/2013 14:16:41	10.11	7.64	0.12
10/17/2013 14:16:51	10.11	7.62	0.12
10/17/2013 14:17:01	10.19	7.55	0.11
10/17/2013 14:17:11	10.34	7.43	0.11
10/17/2013 14:17:21	10.45	7.36	0.11
10/17/2013 14:17:31	10.44	7.38	0.11
10/17/2013 14:17:41	10.37	7.43	0.11
10/17/2013 14:17:51	10.26	7.52	0.12
10/17/2013 14:18:01	10.15	7.58	0.11
10/17/2013 14:18:11	10.09	7.61	0.11
10/17/2013 14:18:21	10.13	7.56	0.11
10/17/2013 14:18:31	10.23	7.49	0.11
10/17/2013 14:18:41	10.34	7.39	0.10
10/17/2013 14:18:51	10.44	7.35	0.10
10/17/2013 14:19:01	10.39	7.40	0.09
10/17/2013 14:19:11	10.33	7.44	0.10
10/17/2013 14:19:21	10.21	7.53	0.10
10/17/2013 14:19:31	10.19	7.53	0.10
10/17/2013 14:19:41	10.13	7.57	0.10
10/17/2013 14:19:51	10.15	7.52	0.10
10/17/2013 14:20:01	10.24	7.46	0.10
10/17/2013 14:20:11	10.42	7.32	0.10
10/17/2013 14:20:21	10.50	7.27	0.10
10/17/2013 14:20:31	10.44	7.34	0.10
10/17/2013 14:20:41	10.34	7.42	0.10
10/17/2013 14:20:51	10.18	7.53	0.10
10/17/2013 14:21:01	10.10	7.59	0.10
10/17/2013 14:21:11	10.01	7.63	0.10
10/17/2013 14:21:21	10.05	7.60	0.10
10/17/2013 14:21:31	10.14	7.52	0.10
10/17/2013 14:21:41	10.29	7.41	0.10
10/17/2013 14:21:51	10.33	7.42	0.10
10/17/2013 14:22:01	10.23	7.50	0.10
10/17/2013 14:22:11	10.13	7.57	0.10
10/17/2013 14:22:21	10.02	7.63	0.10
10/17/2013 14:22:31	9.97	7.67	0.10
10/17/2013 14:22:41	9.97	7.65	0.10
10/17/2013 14:22:51	10.05	7.57	0.10
10/17/2013 14:23:01	10.20	7.47	0.10
10/17/2013 14:23:11	10.34	7.37	0.10
10/17/2013 14:23:21	10.36	7.39	0.10
10/17/2013 14:23:31	10.29	7.44	0.10
10/17/2013 14:23:41	10.17	7.54	0.10
10/17/2013 14:23:51	10.06	7.60	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:24:01	10.01	7.62	0.10
10/17/2013 14:24:11	10.03	7.58	0.10
10/17/2013 14:24:21	10.14	7.51	0.10
10/17/2013 14:24:31	10.30	7.38	0.11
10/17/2013 14:24:41	10.46	7.27	0.11
10/17/2013 14:24:51	10.54	7.23	0.11
10/17/2013 14:25:01	10.54	7.23	0.11
10/17/2013 14:25:11	10.54	7.24	0.11
10/17/2013 14:25:21	10.52	7.24	0.10
10/17/2013 14:25:31	10.54	7.22	0.09
10/17/2013 14:25:41	10.57	7.17	0.09
10/17/2013 14:25:51	10.68	7.08	0.09
10/17/2013 14:26:01	10.81	6.98	0.09
10/17/2013 14:26:11	10.96	6.87	0.10
10/17/2013 14:26:21	11.00	6.86	0.10
10/17/2013 14:26:31	10.91	6.95	0.11
10/17/2013 14:26:41	10.81	7.03	0.10
10/17/2013 14:26:51	10.64	7.14	0.09
10/17/2013 14:27:01	10.59	7.16	0.10
10/17/2013 14:27:11	10.53	7.19	0.10
10/17/2013 14:27:21	10.58	7.13	0.10
10/17/2013 14:27:31	10.71	7.03	0.10
10/17/2013 14:27:41	10.83	6.94	0.09
10/17/2013 14:27:51	10.89	6.91	0.09
10/17/2013 14:28:01	10.83	6.97	0.09
10/17/2013 14:28:11	10.73	7.04	0.12
10/17/2013 14:28:21	10.62	7.12	0.10
10/17/2013 14:28:31	10.55	7.15	0.10
10/17/2013 14:28:41	10.50	7.17	0.10
10/17/2013 14:28:51	10.58	7.10	0.09
10/17/2013 14:29:01	10.65	7.03	0.09
10/17/2013 14:29:11	10.79	6.93	0.10
10/17/2013 14:29:21	10.86	6.90	0.10
10/17/2013 14:29:31	10.87	6.91	0.10
10/17/2013 14:29:41	10.77	6.99	0.10
10/17/2013 14:29:51	10.67	7.06	0.10
10/17/2013 14:30:01	10.56	7.13	0.10
10/17/2013 14:30:11	10.49	7.17	0.10
10/17/2013 14:30:21	10.51	7.14	0.10
10/17/2013 14:30:31	10.60	7.06	0.10
10/17/2013 14:30:41	10.72	6.97	0.09
10/17/2013 14:30:51	10.86	6.88	0.09
10/17/2013 14:31:01	10.87	6.89	0.09
10/17/2013 14:31:11	10.83	6.93	0.09
10/17/2013 14:31:21	10.79	6.97	0.10
10/17/2013 14:31:31	10.76	6.99	0.10
10/17/2013 14:31:41	10.71	7.04	0.10
10/17/2013 14:31:51	10.66	7.07	0.10
10/17/2013 14:32:01	10.61	7.10	0.10
10/17/2013 14:32:11	10.56	7.14	0.09
10/17/2013 14:32:21	10.50	7.17	0.08
10/17/2013 14:32:31	10.46	7.21	0.07



24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 14:32:41	10.36	7.26	0.08
10/17/2013 14:32:51	10.31	7.30	0.09
10/17/2013 14:33:01	10.32	7.27	0.09
10/17/2013 14:33:11	10.40	7.21	0.09
10/17/2013 14:33:21	10.53	7.10	0.10
10/17/2013 14:33:31	10.62	7.06	0.08
10/17/2013 14:33:41	10.62	7.09	0.09
10/17/2013 14:33:51	10.55	7.14	0.09
10/17/2013 14:34:01	10.47	7.22	0.10
10/17/2013 14:34:11	10.38	7.26	0.09
10/17/2013 14:34:21	10.32	7.31	0.08
10/17/2013 14:34:31	10.33	7.29	0.09
10/17/2013 14:34:41	10.39	7.24	0.08
10/17/2013 14:34:51	10.52	7.13	0.09
10/17/2013 14:35:01	10.62	7.08	0.09
10/17/2013 14:35:11	10.60	7.11	0.10
10/17/2013 14:35:21	10.54	7.16	0.10
10/17/2013 14:35:31	10.42	7.25	0.09
10/17/2013 14:35:41	10.38	7.27	0.09
10/17/2013 14:35:51	10.36	7.29	0.09
10/17/2013 14:36:01	10.40	7.25	0.09
10/17/2013 14:36:11	10.45	7.21	0.09
10/17/2013 14:36:21	10.53	7.15	0.10
10/17/2013 14:36:31	10.54	7.17	0.10
10/17/2013 14:36:41	10.41	7.30	0.10
10/17/2013 14:36:51	10.25	7.42	0.09
10/17/2013 14:37:01	10.05	7.56	0.09
10/17/2013 14:37:11	9.90	7.66	0.09
10/17/2013 14:37:21	9.82	7.71	0.10
10/17/2013 14:37:31	9.86	7.67	0.10
10/17/2013 14:37:41	9.92	7.63	0.10
10/17/2013 14:37:51	10.02	7.57	0.10
10/17/2013 14:38:01	10.04	7.59	0.10
10/17/2013 14:38:11	9.95	7.67	0.11
10/17/2013 14:38:21	9.86	7.72	0.12
10/17/2013 14:38:31	9.75	7.81	0.12
10/17/2013 14:38:41	9.69	7.84	0.11
10/17/2013 14:38:51	9.66	7.85	0.11
10/17/2013 14:39:01	9.80	7.75	0.11
<b>Start Drift Check</b>			
10/17/2013 14:39:11	9.93	7.65	0.11
10/17/2013 14:39:21	10.08	7.56	0.81
10/17/2013 14:39:31	2.93	0.53	0.02
10/17/2013 14:39:41	0.22	0.25	-0.03
10/17/2013 14:39:51	0.13	0.17	-0.03
10/17/2013 14:40:01	0.11	0.14	-0.04
10/17/2013 14:40:11	0.09	0.12	-0.04
10/17/2013 14:40:21	0.07	0.10	-0.04
10/17/2013 14:40:31	0.06	0.10	-0.05
10/17/2013 14:40:41	0.05	0.09	-0.05
<b>N2 Zero</b>	<b>0.06</b>	<b>0.10</b>	<b>-0.05</b>
10/17/2013 14:40:51	0.11	0.16	0.11

	O2 (%)	CO2 (%)	THC (ppm)
<b>24 Hour time</b>			
10/17/2013 14:41:01	9.15	1.23	9.48
10/17/2013 14:41:11	19.75	0.15	14.11
10/17/2013 14:41:21	20.08	0.10	14.40
10/17/2013 14:41:31	20.15	0.09	14.47
10/17/2013 14:41:41	20.21	0.08	14.51
10/17/2013 14:41:51	20.25	0.07	14.55
10/17/2013 14:42:01	20.27	0.06	14.58
10/17/2013 14:42:11	20.29	0.06	14.62
<b>14.8 propane</b>	<b>20.27</b>	<b>0.06</b>	<b>14.58</b>
10/17/2013 14:42:21	20.30	0.06	14.65
10/17/2013 14:42:31	20.29	0.09	7.60
10/17/2013 14:42:41	11.16	7.08	0.47
10/17/2013 14:42:51	10.33	7.36	0.29
10/17/2013 14:43:01	10.19	7.46	0.26
10/17/2013 14:43:11	10.08	7.56	0.23
10/17/2013 14:43:21	9.99	7.64	0.19
10/17/2013 14:43:31	9.91	7.72	0.15
10/17/2013 14:43:41	9.79	7.83	0.15
10/17/2013 14:43:51	9.73	7.88	0.16
<b>Resume Run</b>			
10/17/2013 14:44:01	9.75	7.87	0.15
10/17/2013 14:44:11	9.83	7.83	0.15
10/17/2013 14:44:21	9.96	7.73	0.15
10/17/2013 14:44:31	10.10	7.65	0.15
10/17/2013 14:44:41	10.14	7.66	0.14
10/17/2013 14:44:51	10.07	7.73	0.15
10/17/2013 14:45:01	9.98	7.77	0.13
10/17/2013 14:45:11	9.90	7.82	0.14
10/17/2013 14:45:21	9.86	7.85	0.13
10/17/2013 14:45:31	9.88	7.83	0.12
10/17/2013 14:45:41	9.93	7.77	0.12
10/17/2013 14:45:51	10.07	7.66	0.14
10/17/2013 14:46:01	10.21	7.58	0.14
10/17/2013 14:46:11	10.23	7.59	0.14
10/17/2013 14:46:21	10.16	7.64	0.13
10/17/2013 14:46:31	10.07	7.71	0.13
10/17/2013 14:46:41	9.99	7.75	0.12
10/17/2013 14:46:51	9.95	7.78	0.12
10/17/2013 14:47:01	9.96	7.75	0.13
10/17/2013 14:47:11	10.04	7.69	0.13
10/17/2013 14:47:21	10.21	7.55	0.12
10/17/2013 14:47:31	10.34	7.48	0.13
10/17/2013 14:47:41	10.32	7.52	0.12
10/17/2013 14:47:51	10.22	7.58	0.14
10/17/2013 14:48:01	10.09	7.69	0.14
10/17/2013 14:48:11	10.01	7.73	0.14
10/17/2013 14:48:21	9.95	7.77	0.12
10/17/2013 14:48:31	9.96	7.73	0.15
10/17/2013 14:48:41	10.02	7.68	0.14
10/17/2013 14:48:51	10.18	7.56	0.14
10/17/2013 14:49:01	10.25	7.53	0.13
10/17/2013 14:49:11	10.20	7.59	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:49:21	10.13	7.64	0.13
10/17/2013 14:49:31	10.03	7.71	0.13
10/17/2013 14:49:41	9.94	7.77	0.12
10/17/2013 14:49:51	9.86	7.82	0.13
10/17/2013 14:50:01	9.91	7.76	0.14
10/17/2013 14:50:11	10.00	7.69	0.14
10/17/2013 14:50:21	10.15	7.58	0.13
10/17/2013 14:50:31	10.19	7.57	0.12
10/17/2013 14:50:41	10.11	7.65	0.13
10/17/2013 14:50:51	10.01	7.72	0.14
10/17/2013 14:51:01	9.89	7.80	0.12
10/17/2013 14:51:11	9.85	7.81	0.11
10/17/2013 14:51:21	9.82	7.82	0.11
10/17/2013 14:51:31	9.92	7.75	0.11
10/17/2013 14:51:41	10.02	7.65	0.11
10/17/2013 14:51:51	10.17	7.56	0.11
10/17/2013 14:52:01	10.16	7.60	0.11
10/17/2013 14:52:11	10.09	7.65	0.11
10/17/2013 14:52:21	9.99	7.72	0.13
10/17/2013 14:52:31	9.90	7.77	0.13
10/17/2013 14:52:41	9.85	7.80	0.14
10/17/2013 14:52:51	9.87	7.76	0.12
10/17/2013 14:53:01	9.99	7.67	0.12
10/17/2013 14:53:11	10.13	7.57	0.11
10/17/2013 14:53:21	10.28	7.47	0.10
10/17/2013 14:53:31	10.30	7.48	0.11
10/17/2013 14:53:41	10.26	7.52	0.11
10/17/2013 14:53:51	10.19	7.58	0.11
10/17/2013 14:54:01	10.14	7.61	0.11
10/17/2013 14:54:11	10.11	7.62	0.11
10/17/2013 14:54:21	10.16	7.57	0.11
10/17/2013 14:54:31	10.24	7.51	0.12
10/17/2013 14:54:41	10.39	7.40	0.12
10/17/2013 14:54:51	10.47	7.36	0.11
10/17/2013 14:55:01	10.44	7.40	0.11
10/17/2013 14:55:11	10.35	7.47	0.12
10/17/2013 14:55:21	10.25	7.55	0.11
10/17/2013 14:55:31	10.18	7.59	0.11
10/17/2013 14:55:41	10.14	7.62	0.11
10/17/2013 14:55:51	10.17	7.57	0.11
10/17/2013 14:56:01	10.25	7.51	0.11
10/17/2013 14:56:11	10.38	7.41	0.11
10/17/2013 14:56:21	10.46	7.37	0.11
10/17/2013 14:56:31	10.40	7.43	0.11
10/17/2013 14:56:41	10.35	7.48	0.10
10/17/2013 14:56:51	10.23	7.56	0.10
10/17/2013 14:57:01	10.18	7.60	0.11
10/17/2013 14:57:11	10.15	7.61	0.11
10/17/2013 14:57:21	10.21	7.56	0.11
10/17/2013 14:57:31	10.32	7.47	0.11
10/17/2013 14:57:41	10.45	7.38	0.12
10/17/2013 14:57:51	10.54	7.33	0.11

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 14:58:01	10.50	7.36	0.11
10/17/2013 14:58:11	10.43	7.42	0.11
10/17/2013 14:58:21	10.36	7.47	0.12
10/17/2013 14:58:31	10.33	7.48	0.12
10/17/2013 14:58:41	10.26	7.53	0.12
10/17/2013 14:58:51	10.22	7.55	0.11
10/17/2013 14:59:01	10.17	7.59	0.12
10/17/2013 14:59:11	10.13	7.61	0.12
10/17/2013 14:59:21	10.09	7.65	0.10
10/17/2013 14:59:31	10.07	7.65	0.11
10/17/2013 14:59:41	10.07	7.64	0.13
10/17/2013 14:59:51	10.13	7.59	0.13
10/17/2013 15:00:01	10.23	7.51	0.14
10/17/2013 15:00:11	10.39	7.39	0.12
10/17/2013 15:00:21	10.46	7.37	0.12
10/17/2013 15:00:31	10.42	7.41	0.13
10/17/2013 15:00:41	10.33	7.49	0.12
10/17/2013 15:00:51	10.25	7.54	0.12
10/17/2013 15:01:01	10.19	7.59	0.11
10/17/2013 15:01:11	10.15	7.60	0.11
10/17/2013 15:01:21	10.24	7.52	0.12
10/17/2013 15:01:31	10.37	7.43	0.12
10/17/2013 15:01:41	10.44	7.39	0.12
10/17/2013 15:01:51	10.41	7.43	0.12
10/17/2013 15:02:01	10.30	7.52	0.10
10/17/2013 15:02:11	10.15	7.63	0.11
10/17/2013 15:02:21	10.07	7.68	0.11
10/17/2013 15:02:31	10.03	7.70	0.12
10/17/2013 15:02:41	10.10	7.63	0.12
10/17/2013 15:02:51	10.20	7.55	0.12
10/17/2013 15:03:01	10.33	7.46	0.12
10/17/2013 15:03:11	10.37	7.45	0.13
10/17/2013 15:03:21	10.32	7.50	0.12
10/17/2013 15:03:31	10.22	7.58	0.12
10/17/2013 15:03:41	10.14	7.62	0.11
10/17/2013 15:03:51	10.10	7.63	0.11
10/17/2013 15:04:01	10.13	7.59	0.10
10/17/2013 15:04:11	10.20	7.54	0.11
10/17/2013 15:04:21	10.33	7.43	0.11
10/17/2013 15:04:31	10.42	7.39	0.11
10/17/2013 15:04:41	10.38	7.44	0.11
10/17/2013 15:04:51	10.31	7.50	0.12
10/17/2013 15:05:01	10.19	7.58	0.12
10/17/2013 15:05:11	10.12	7.62	0.11
10/17/2013 15:05:21	10.09	7.62	0.10
10/17/2013 15:05:31	10.16	7.56	0.10
10/17/2013 15:05:41	10.28	7.48	0.10
10/17/2013 15:05:51	10.38	7.40	0.10
10/17/2013 15:06:01	10.39	7.42	0.10
10/17/2013 15:06:11	10.33	7.47	0.09
10/17/2013 15:06:21	10.21	7.56	0.09
10/17/2013 15:06:31	10.12	7.62	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:06:41	10.09	7.64	0.09
10/17/2013 15:06:51	10.14	7.58	0.11
10/17/2013 15:07:01	10.21	7.53	0.11
10/17/2013 15:07:11	10.33	7.44	0.10
10/17/2013 15:07:21	10.41	7.40	0.10
10/17/2013 15:07:31	10.38	7.44	0.10
10/17/2013 15:07:41	10.30	7.50	0.10
10/17/2013 15:07:51	10.19	7.57	0.10
10/17/2013 15:08:01	10.13	7.62	0.10
10/17/2013 15:08:11	10.11	7.61	0.10
10/17/2013 15:08:21	10.20	7.55	0.10
10/17/2013 15:08:31	10.32	7.45	0.10
10/17/2013 15:08:41	10.42	7.39	0.11
10/17/2013 15:08:51	10.39	7.43	0.11
10/17/2013 15:09:01	10.33	7.48	0.10
10/17/2013 15:09:11	10.20	7.58	0.10
10/17/2013 15:09:21	10.14	7.61	0.10
10/17/2013 15:09:31	10.11	7.63	0.11
10/17/2013 15:09:41	10.14	7.60	0.11
10/17/2013 15:09:51	10.21	7.55	0.12
10/17/2013 15:10:01	10.33	7.46	0.13
10/17/2013 15:10:11	10.38	7.45	0.13
10/17/2013 15:10:21	10.35	7.47	0.12
10/17/2013 15:10:31	10.25	7.54	0.12
10/17/2013 15:10:41	10.13	7.61	0.12
10/17/2013 15:10:51	10.10	7.63	0.10
10/17/2013 15:11:01	10.11	7.60	0.13
10/17/2013 15:11:11	10.16	7.57	0.12
10/17/2013 15:11:21	10.29	7.46	0.12
10/17/2013 15:11:31	10.37	7.42	0.13
10/17/2013 15:11:41	10.36	7.45	0.13
10/17/2013 15:11:51	10.32	7.47	0.12
10/17/2013 15:12:01	10.26	7.53	0.12
10/17/2013 15:12:11	10.21	7.58	0.11
10/17/2013 15:12:21	10.12	7.65	0.13
10/17/2013 15:12:31	10.03	7.73	0.14
10/17/2013 15:12:41	9.94	7.80	0.12
10/17/2013 15:12:51	9.92	7.82	0.13
10/17/2013 15:13:01	9.94	7.81	0.13
10/17/2013 15:13:11	10.08	7.72	0.13
10/17/2013 15:13:21	10.26	7.59	0.13
10/17/2013 15:13:31	10.44	7.48	0.14
10/17/2013 15:13:41	10.47	7.50	0.13
10/17/2013 15:13:51	10.42	7.55	0.14
10/17/2013 15:14:01	10.35	7.61	0.14
10/17/2013 15:14:11	10.30	7.63	0.14
10/17/2013 15:14:21	10.27	7.64	0.14
10/17/2013 15:14:31	10.36	7.55	0.13
10/17/2013 15:14:41	10.44	7.49	0.13
10/17/2013 15:14:51	10.61	7.37	0.14
10/17/2013 15:15:01	10.67	7.34	0.14
10/17/2013 15:15:11	10.62	7.38	0.14

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:15:21	10.52	7.47	0.14
10/17/2013 15:15:31	10.41	7.53	0.13
10/17/2013 15:15:41	10.33	7.59	0.12
10/17/2013 15:15:51	10.35	7.55	0.12
10/17/2013 15:16:01	10.42	7.50	0.12
10/17/2013 15:16:11	10.56	7.38	0.11
10/17/2013 15:16:21	10.65	7.33	0.13
10/17/2013 15:16:31	10.63	7.35	0.13
10/17/2013 15:16:41	10.54	7.43	0.12
10/17/2013 15:16:51	10.38	7.55	0.10
10/17/2013 15:17:01	10.28	7.61	0.10
10/17/2013 15:17:11	10.23	7.61	0.11
10/17/2013 15:17:21	10.31	7.55	0.10
10/17/2013 15:17:31	10.44	7.44	0.10
10/17/2013 15:17:41	10.58	7.34	0.11
10/17/2013 15:17:51	10.63	7.34	0.10
10/17/2013 15:18:01	10.54	7.42	0.11
10/17/2013 15:18:11	10.44	7.52	0.11
10/17/2013 15:18:21	10.33	7.58	0.11
10/17/2013 15:18:31	10.27	7.62	0.11
10/17/2013 15:18:41	10.26	7.61	0.10
10/17/2013 15:18:51	10.32	7.54	0.10
10/17/2013 15:19:01	10.49	7.42	0.11
10/17/2013 15:19:11	10.56	7.37	0.12
10/17/2013 15:19:21	10.52	7.41	0.12
10/17/2013 15:19:31	10.45	7.48	0.11
10/17/2013 15:19:41	10.29	7.58	0.11
10/17/2013 15:19:51	10.19	7.64	0.12
10/17/2013 15:20:01	10.15	7.64	0.12
10/17/2013 15:20:11	10.25	7.56	0.12
10/17/2013 15:20:21	10.39	7.44	0.12
10/17/2013 15:20:31	10.55	7.33	0.12
10/17/2013 15:20:41	10.58	7.32	0.12
10/17/2013 15:20:51	10.59	7.31	0.11
10/17/2013 15:21:01	10.53	7.37	0.12
10/17/2013 15:21:11	10.55	7.35	0.10
10/17/2013 15:21:21	10.57	7.33	0.10
10/17/2013 15:21:31	10.70	7.22	0.11
10/17/2013 15:21:41	10.83	7.10	0.11
10/17/2013 15:21:51	11.04	6.95	0.11
10/17/2013 15:22:01	11.14	6.89	0.11
10/17/2013 15:22:11	11.12	6.91	0.10
10/17/2013 15:22:21	11.07	6.95	0.10
10/17/2013 15:22:31	10.98	6.99	0.10
10/17/2013 15:22:41	10.96	6.99	0.10
10/17/2013 15:22:51	10.98	6.95	0.10
10/17/2013 15:23:01	11.08	6.87	0.09
10/17/2013 15:23:11	11.18	6.77	0.09
10/17/2013 15:23:21	11.29	6.70	0.10
10/17/2013 15:23:31	11.26	6.72	0.10
10/17/2013 15:23:41	11.16	6.82	0.10
10/17/2013 15:23:51	11.01	6.92	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:24:01	10.95	6.95	0.08
10/17/2013 15:24:11	10.92	6.94	0.08
10/17/2013 15:24:21	10.95	6.92	0.10
10/17/2013 15:24:31	11.02	6.86	0.10
10/17/2013 15:24:41	11.15	6.75	0.10
10/17/2013 15:24:51	11.19	6.74	0.10
10/17/2013 15:25:01	11.14	6.80	0.11
10/17/2013 15:25:11	11.03	6.88	0.11
10/17/2013 15:25:21	10.91	6.98	0.10
10/17/2013 15:25:31	10.78	7.08	0.11
10/17/2013 15:25:41	10.61	7.20	0.10
10/17/2013 15:25:51	10.49	7.28	0.10
10/17/2013 15:26:01	10.42	7.31	0.10
10/17/2013 15:26:11	10.45	7.28	0.10
10/17/2013 15:26:21	10.53	7.23	0.10
10/17/2013 15:26:31	10.66	7.14	0.10
10/17/2013 15:26:41	10.71	7.12	0.11
10/17/2013 15:26:51	10.68	7.16	0.10
10/17/2013 15:27:01	10.59	7.24	0.11
10/17/2013 15:27:11	10.47	7.34	0.11
10/17/2013 15:27:21	10.39	7.39	0.11
10/17/2013 15:27:31	10.34	7.43	0.10
10/17/2013 15:27:41	10.35	7.41	0.10
10/17/2013 15:27:51	10.46	7.32	0.10
10/17/2013 15:28:01	10.60	7.22	0.11
10/17/2013 15:28:11	10.73	7.14	0.12
10/17/2013 15:28:21	10.72	7.17	0.13
10/17/2013 15:28:31	10.64	7.24	0.14
10/17/2013 15:28:41	10.55	7.30	0.13
10/17/2013 15:28:51	10.46	7.37	0.13
10/17/2013 15:29:01	10.38	7.41	0.12
10/17/2013 15:29:11	10.30	7.48	0.12
10/17/2013 15:29:21	10.22	7.52	0.12
10/17/2013 15:29:31	10.25	7.48	0.12
10/17/2013 15:29:41	10.33	7.42	0.11
10/17/2013 15:29:51	10.41	7.35	0.11
10/17/2013 15:30:01	10.54	7.26	0.11
10/17/2013 15:30:11	10.59	7.25	0.10
10/17/2013 15:30:21	10.54	7.31	0.10
10/17/2013 15:30:31	10.47	7.36	0.10
10/17/2013 15:30:41	10.42	7.39	0.09
10/17/2013 15:30:51	10.35	7.44	0.10
10/17/2013 15:31:01	10.32	7.45	0.10
10/17/2013 15:31:11	10.29	7.48	0.10
10/17/2013 15:31:21	10.25	7.50	0.11
10/17/2013 15:31:31	10.24	7.50	0.11
10/17/2013 15:31:41	10.22	7.52	0.11
10/17/2013 15:31:51	10.21	7.54	0.10
10/17/2013 15:32:01	10.22	7.54	0.11
10/17/2013 15:32:11	10.21	7.58	0.11
10/17/2013 15:32:21	10.18	7.60	0.11
10/17/2013 15:32:31	10.12	7.66	0.12

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:32:41	10.10	7.68	0.12
10/17/2013 15:32:51	10.11	7.69	0.13
10/17/2013 15:33:01	10.18	7.63	0.14
10/17/2013 15:33:11	10.30	7.56	0.15
10/17/2013 15:33:21	10.45	7.44	0.15
10/17/2013 15:33:31	10.56	7.39	0.15
10/17/2013 15:33:41	10.54	7.43	0.14
10/17/2013 15:33:51	10.47	7.48	0.14
10/17/2013 15:34:01	10.33	7.58	0.14
10/17/2013 15:34:11	10.25	7.64	0.13
10/17/2013 15:34:21	10.17	7.67	0.13
10/17/2013 15:34:31	10.22	7.63	0.13
10/17/2013 15:34:41	10.30	7.56	0.13
10/17/2013 15:34:51	10.46	7.43	0.13
10/17/2013 15:35:01	10.53	7.41	0.13
10/17/2013 15:35:11	10.48	7.46	0.13
10/17/2013 15:35:21	10.42	7.50	0.14
10/17/2013 15:35:31	10.29	7.61	0.13
10/17/2013 15:35:41	10.20	7.67	0.11
10/17/2013 15:35:51	10.14	7.69	0.11
10/17/2013 15:36:01	10.24	7.61	0.11
10/17/2013 15:36:11	10.34	7.53	0.11
10/17/2013 15:36:21	10.49	7.42	0.12
10/17/2013 15:36:31	10.53	7.42	0.12
10/17/2013 15:36:41	10.45	7.49	0.12
10/17/2013 15:36:51	10.36	7.54	0.10
10/17/2013 15:37:01	10.27	7.60	0.10
10/17/2013 15:37:11	10.22	7.62	0.11
10/17/2013 15:37:21	10.23	7.59	0.11
10/17/2013 15:37:31	10.32	7.53	0.11
10/17/2013 15:37:41	10.43	7.42	0.11
10/17/2013 15:37:51	10.54	7.36	0.11
10/17/2013 15:38:01	10.56	7.36	0.11
10/17/2013 15:38:11	10.49	7.41	0.11
10/17/2013 15:38:21	10.39	7.48	0.12
10/17/2013 15:38:31	10.28	7.55	0.11
10/17/2013 15:38:41	10.21	7.59	0.10
10/17/2013 15:38:51	10.22	7.56	0.11
10/17/2013 15:39:01	10.28	7.52	0.10
10/17/2013 15:39:11	10.42	7.40	0.10
10/17/2013 15:39:21	10.54	7.32	0.10
10/17/2013 15:39:31	10.55	7.35	0.10
10/17/2013 15:39:41	10.44	7.42	0.12
10/17/2013 15:39:51	10.29	7.55	0.10
10/17/2013 15:40:01	10.17	7.62	0.11
10/17/2013 15:40:11	10.11	7.65	0.12
10/17/2013 15:40:21	10.16	7.59	0.12
10/17/2013 15:40:31	10.26	7.52	0.13
10/17/2013 15:40:41	10.42	7.40	0.13
10/17/2013 15:40:51	10.53	7.34	0.12
10/17/2013 15:41:01	10.50	7.37	0.11
10/17/2013 15:41:11	10.45	7.42	0.12



<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 15:41:21	10.33	7.51	0.12
10/17/2013 15:41:31	10.25	7.55	0.11
10/17/2013 15:41:41	10.20	7.58	0.10
10/17/2013 15:41:51	10.24	7.55	0.10
10/17/2013 15:42:01	10.33	7.47	0.10
10/17/2013 15:42:11	10.48	7.37	0.10
10/17/2013 15:42:21	10.56	7.32	0.11
10/17/2013 15:42:31	10.54	7.35	0.10
10/17/2013 15:42:41	10.48	7.39	0.10
10/17/2013 15:42:51	10.39	7.46	0.10
10/17/2013 15:43:01	10.33	7.48	0.10
10/17/2013 15:43:11	10.35	7.46	0.10
10/17/2013 15:43:21	10.44	7.37	0.10
10/17/2013 15:43:31	10.57	7.28	0.10
10/17/2013 15:43:41	10.75	7.14	0.10
10/17/2013 15:43:51	10.86	7.07	0.11
10/17/2013 15:44:01	10.87	7.09	0.11
10/17/2013 15:44:11	10.79	7.14	0.11
10/17/2013 15:44:21	10.71	7.21	0.11
10/17/2013 15:44:31	10.62	7.26	0.11
10/17/2013 15:44:41	10.56	7.30	0.11
10/17/2013 15:44:51	10.55	7.29	0.11
10/17/2013 15:45:01	10.64	7.22	0.10
10/17/2013 15:45:11	10.77	7.12	0.10
10/17/2013 15:45:21	10.87	7.05	0.09
10/17/2013 15:45:31	10.85	7.09	0.10
10/17/2013 15:45:41	10.73	7.18	0.10
10/17/2013 15:45:51	10.62	7.26	0.10
10/17/2013 15:46:01	10.52	7.32	0.10
10/17/2013 15:46:11	10.45	7.35	0.09
10/17/2013 15:46:21	10.43	7.36	0.10
10/17/2013 15:46:31	10.51	7.28	0.10
10/17/2013 15:46:41	10.64	7.19	0.10
10/17/2013 15:46:51	10.71	7.15	0.10
10/17/2013 15:47:01	10.70	7.19	0.10
10/17/2013 15:47:11	10.62	7.25	0.10
10/17/2013 15:47:21	10.55	7.31	0.10
10/17/2013 15:47:31	10.46	7.37	0.10
10/17/2013 15:47:41	10.42	7.40	0.10
10/17/2013 15:47:51	10.39	7.40	0.09
10/17/2013 15:48:01	10.46	7.35	0.09
10/17/2013 15:48:11	10.57	7.26	0.10
10/17/2013 15:48:21	10.69	7.20	0.11
10/17/2013 15:48:31	10.71	7.19	0.11
10/17/2013 15:48:41	10.65	7.25	0.10
10/17/2013 15:48:51	10.56	7.33	0.10
10/17/2013 15:49:01	10.44	7.41	0.10
10/17/2013 15:49:11	10.39	7.44	0.11
10/17/2013 15:49:21	10.35	7.46	0.11
10/17/2013 15:49:31	10.46	7.36	0.10
10/17/2013 15:49:41	10.53	7.31	0.10
10/17/2013 15:49:51	10.65	7.23	0.09

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 15:50:01	10.64	7.25	0.11
10/17/2013 15:50:11	10.58	7.31	0.10
10/17/2013 15:50:21	10.49	7.37	0.10
10/17/2013 15:50:31	10.41	7.44	0.10
10/17/2013 15:50:41	10.33	7.49	0.10
10/17/2013 15:50:51	10.33	7.49	0.10
10/17/2013 15:51:01	10.34	7.47	0.10
10/17/2013 15:51:11	10.42	7.40	0.11
10/17/2013 15:51:21	10.57	7.28	0.11
10/17/2013 15:51:31	10.67	7.22	0.10
10/17/2013 15:51:41	10.69	7.22	0.11
10/17/2013 15:51:51	10.62	7.27	0.11
10/17/2013 15:52:01	10.54	7.32	0.10
10/17/2013 15:52:11	10.45	7.38	0.10
10/17/2013 15:52:21	10.37	7.42	0.09
10/17/2013 15:52:31	10.36	7.42	0.10
10/17/2013 15:52:41	10.44	7.34	0.10
10/17/2013 15:52:51	10.58	7.23	0.10
10/17/2013 15:53:01	10.71	7.13	0.10
10/17/2013 15:53:11	10.77	7.12	0.10
10/17/2013 15:53:21	10.71	7.17	0.10
10/17/2013 15:53:31	10.64	7.22	0.10
10/17/2013 15:53:41	10.58	7.27	0.10
10/17/2013 15:53:51	10.48	7.34	0.09
10/17/2013 15:54:01	10.42	7.36	0.09
10/17/2013 15:54:11	10.41	7.36	0.10
10/17/2013 15:54:21	10.51	7.28	0.10
10/17/2013 15:54:31	10.63	7.18	0.10
10/17/2013 15:54:41	10.76	7.10	0.09
10/17/2013 15:54:51	10.80	7.09	0.10
<b>End Run 3B</b>	<b>10.52</b>	<b>7.28</b>	<b>0.11</b>
10/17/2013 15:55:01	10.74	7.13	0.11
10/17/2013 15:55:11	10.65	7.20	0.10
10/17/2013 15:55:21	10.53	7.30	0.10
10/17/2013 15:55:31	10.43	7.36	0.10
10/17/2013 15:55:41	10.39	7.37	0.10
10/17/2013 15:55:51	10.43	7.33	0.10
10/17/2013 15:56:01	10.51	7.28	0.10
10/17/2013 15:56:11	10.64	7.17	0.09
10/17/2013 15:56:21	10.75	7.10	0.11
10/17/2013 15:56:31	10.75	7.13	0.10
10/17/2013 15:56:41	10.69	7.18	0.10
10/17/2013 15:56:51	10.64	7.22	0.10
10/17/2013 15:57:01	10.65	7.20	0.10
10/17/2013 15:57:11	10.61	7.22	0.09
10/17/2013 15:57:21	10.66	7.18	0.10
10/17/2013 15:57:31	10.67	7.15	0.10
10/17/2013 15:57:41	10.70	7.13	0.11
10/17/2013 15:57:51	10.92	6.95	0.11
10/17/2013 15:58:01	10.95	6.94	0.11
10/17/2013 15:58:11	11.16	6.77	0.12

24 Hour time	O2 (%)	CO2 (%)	THC (ppm)
10/17/2013 15:58:21	11.43	6.54	0.13
10/17/2013 15:58:31	12.03	6.00	0.14
10/17/2013 15:58:41	12.81	5.36	0.13
10/17/2013 15:58:51	13.44	4.91	0.13
10/17/2013 15:59:01	13.89	4.58	0.14
10/17/2013 15:59:11	14.24	4.28	0.14
10/17/2013 15:59:21	14.50	4.08	0.15
10/17/2013 15:59:31	14.66	3.94	0.14
10/17/2013 15:59:41	14.68	3.88	0.14
10/17/2013 15:59:51	14.61	3.89	0.14
10/17/2013 16:00:01	14.49	3.92	0.14
10/17/2013 16:00:11	14.36	3.96	0.14
10/17/2013 16:00:21	14.21	4.01	0.16
10/17/2013 16:00:31	14.11	4.04	0.15
10/17/2013 16:00:41	14.01	4.07	0.16
10/17/2013 16:00:51	13.92	4.11	0.16
10/17/2013 16:01:01	13.84	4.14	0.16
10/17/2013 16:01:11	13.75	4.17	0.16
10/17/2013 16:01:21	13.69	4.20	0.16
10/17/2013 16:01:31	13.63	4.22	0.16
10/17/2013 16:01:41	13.59	4.23	0.16
10/17/2013 16:01:51	13.57	4.24	0.17
10/17/2013 16:02:01	13.54	4.26	0.16
10/17/2013 16:02:11	13.50	4.27	0.17
10/17/2013 16:02:21	13.50	4.26	0.96
10/17/2013 16:02:31	4.96	0.42	0.11
10/17/2013 16:02:41	0.33	0.19	-0.04
10/17/2013 16:02:51	0.18	0.12	-0.04
10/17/2013 16:03:01	0.14	0.10	-0.04
10/17/2013 16:03:11	0.12	0.09	-0.04
10/17/2013 16:03:21	0.10	0.08	-0.03
10/17/2013 16:03:31	0.08	0.07	-0.03
10/17/2013 16:03:41	0.07	0.07	-0.04
10/17/2013 16:03:51	0.06	0.06	-0.04
<b>Zero Bias</b>	<b>0.07</b>	<b>0.07</b>	<b>-0.04</b>
10/17/2013 16:04:01	0.05	0.06	0.04
10/17/2013 16:04:11	11.17	3.64	0.11
10/17/2013 16:04:21	9.61	9.42	-0.05
10/17/2013 16:04:31	9.82	9.66	-0.05
10/17/2013 16:04:41	9.85	9.74	-0.06
10/17/2013 16:04:51	9.88	9.78	-0.05
10/17/2013 16:05:01	9.88	9.81	-0.04
10/17/2013 16:05:11	9.89	9.83	-0.05
10/17/2013 16:05:21	9.90	9.84	-0.06
10/17/2013 16:05:31	9.90	9.85	-0.06
10/17/2013 16:05:41	9.91	9.86	-0.07
<b>O2/CO2 Bias</b>	<b>9.90</b>	<b>9.85</b>	<b>-0.07</b>
10/17/2013 16:05:51	9.91	9.86	0.18
10/17/2013 16:06:01	12.60	5.75	6.33
10/17/2013 16:06:11	19.60	0.56	14.18

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 Hour time</b>	<b>(%)</b>	<b>(%)</b>	<b>(ppm)</b>
10/17/2013 16:06:21	20.14	0.31	14.59
10/17/2013 16:06:31	20.22	0.21	14.67
10/17/2013 16:06:41	20.25	0.16	14.70
10/17/2013 16:06:51	20.29	0.12	14.74
10/17/2013 16:07:01	20.30	0.11	14.81
10/17/2013 16:07:11	20.32	0.09	14.84
10/17/2013 16:07:21	20.33	0.08	14.86
10/17/2013 16:07:31	20.34	0.07	14.91
10/17/2013 16:07:41	20.34	0.07	14.97
10/17/2013 16:07:51	20.35	0.06	15.00
<b>14.8 propane</b>	<b>20.34</b>	<b>0.07</b>	<b>14.96</b>
10/17/2013 16:08:01	20.35	0.06	14.98
10/17/2013 16:08:11	19.67	1.02	5.21
10/17/2013 16:08:21	13.53	4.46	0.71
10/17/2013 16:08:31	13.35	4.51	0.60
10/17/2013 16:08:41	13.32	4.51	0.55
10/17/2013 16:08:51	13.33	4.48	0.50
10/17/2013 16:09:01	13.35	4.43	0.45
10/17/2013 16:09:11	13.38	4.39	0.40
10/17/2013 16:09:21	13.38	4.35	0.37
10/17/2013 16:09:31	13.43	4.30	0.35
10/17/2013 16:09:41	13.48	4.26	0.34
10/17/2013 16:09:51	13.49	4.24	0.35
10/17/2013 16:10:01	13.47	4.24	0.37
10/17/2013 16:10:11	13.45	4.24	0.38
10/17/2013 16:10:21	13.43	4.24	0.40
10/17/2013 16:10:31	13.43	4.23	0.38
10/17/2013 16:10:41	13.40	4.23	0.38
10/17/2013 16:10:51	13.39	4.23	0.36
10/17/2013 16:11:01	13.38	4.21	0.36
10/17/2013 16:11:11	13.39	4.20	0.36
10/17/2013 16:11:21	13.37	4.21	0.33
10/17/2013 16:11:31	13.36	4.20	0.32
10/17/2013 16:11:41	13.34	4.21	0.31
10/17/2013 16:11:51	13.31	4.21	0.29
10/17/2013 16:12:01	13.29	4.22	0.27
10/17/2013 16:12:11	13.27	4.22	0.24
10/17/2013 16:12:21	13.28	4.21	0.23
10/17/2013 16:12:31	13.44	4.11	0.22
10/17/2013 16:12:41	13.72	3.96	0.20
10/17/2013 16:12:51	14.04	3.79	0.20
10/17/2013 16:13:01	14.30	3.65	0.19
10/17/2013 16:13:11	14.44	3.58	0.18
10/17/2013 16:13:21	14.45	3.59	0.15
10/17/2013 16:13:31	14.41	3.61	0.13
10/17/2013 16:13:41	14.30	3.67	0.12
10/17/2013 16:13:51	14.14	3.76	0.12
10/17/2013 16:14:01	13.93	3.88	0.11
10/17/2013 16:14:11	13.73	3.99	0.10
10/17/2013 16:14:21	13.47	4.12	0.10
10/17/2013 16:14:31	13.26	4.22	0.10

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 16:14:41	13.07	4.31	0.09
10/17/2013 16:14:51	12.88	4.40	0.08
10/17/2013 16:15:01	12.71	4.49	0.08
10/17/2013 16:15:11	12.56	4.57	0.08
10/17/2013 16:15:21	12.43	4.64	0.08
10/17/2013 16:15:31	12.33	4.70	0.07
10/17/2013 16:15:41	12.22	4.75	0.07
10/17/2013 16:15:51	12.19	4.77	0.07
10/17/2013 16:16:01	12.15	4.78	0.08
10/17/2013 16:16:11	12.15	4.78	0.08
10/17/2013 16:16:21	12.13	4.79	0.07
10/17/2013 16:16:31	12.13	4.79	0.07
10/17/2013 16:16:41	12.12	4.80	0.07
10/17/2013 16:16:51	12.12	4.80	0.07
10/17/2013 16:17:01	12.12	4.80	0.07
10/17/2013 16:17:11	12.12	4.80	0.07
10/17/2013 16:17:21	12.12	4.80	0.07
10/17/2013 16:17:31	12.11	4.80	0.07
10/17/2013 16:17:41	12.08	4.82	0.07
10/17/2013 16:17:51	12.04	4.83	0.08
10/17/2013 16:18:01	12.03	4.83	0.09
10/17/2013 16:18:11	12.01	4.84	0.09
10/17/2013 16:18:21	11.97	4.86	0.08
10/17/2013 16:18:31	11.94	4.88	0.07
10/17/2013 16:18:41	11.92	4.88	0.07
10/17/2013 16:18:51	11.90	4.90	0.07
10/17/2013 16:19:01	11.91	4.88	0.06
10/17/2013 16:19:11	11.92	4.88	0.05
10/17/2013 16:19:21	11.92	4.88	0.07
10/17/2013 16:19:31	11.95	4.86	0.07
10/17/2013 16:19:41	11.95	4.86	0.07
10/17/2013 16:19:51	11.93	4.87	0.07
10/17/2013 16:20:01	11.92	4.86	0.07
10/17/2013 16:20:11	11.92	4.85	0.07
10/17/2013 16:20:21	11.92	4.86	0.07
10/17/2013 16:20:31	11.94	4.84	0.07
10/17/2013 16:20:41	11.94	4.83	0.07
10/17/2013 16:20:51	11.96	4.83	0.07
10/17/2013 16:21:01	11.96	4.83	0.07
10/17/2013 16:21:11	11.98	4.82	0.07
10/17/2013 16:21:21	11.96	4.83	0.07
10/17/2013 16:21:31	11.97	4.82	0.06
10/17/2013 16:21:41	11.99	4.81	0.07
10/17/2013 16:21:51	11.98	4.81	0.07
10/17/2013 16:22:01	11.98	4.81	0.06
10/17/2013 16:22:11	12.00	4.80	0.06
10/17/2013 16:22:21	12.00	4.80	0.07
10/17/2013 16:22:31	12.01	4.80	0.07
10/17/2013 16:22:41	12.01	4.79	0.07
10/17/2013 16:22:51	12.01	4.79	0.07
10/17/2013 16:23:01	12.02	4.79	0.08
10/17/2013 16:23:11	12.04	4.78	0.08

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 16:23:21	12.06	4.77	0.09
10/17/2013 16:23:31	12.06	4.77	0.09
10/17/2013 16:23:41	12.05	4.77	0.08
10/17/2013 16:23:51	12.05	4.77	0.07
10/17/2013 16:24:01	12.05	4.77	0.08
10/17/2013 16:24:11	12.05	4.76	0.09
10/17/2013 16:24:21	12.07	4.75	0.07
10/17/2013 16:24:31	12.06	4.76	0.07
10/17/2013 16:24:41	12.05	4.76	0.07
10/17/2013 16:24:51	12.06	4.75	0.07
10/17/2013 16:25:01	12.06	4.75	0.07
10/17/2013 16:25:11	12.07	4.75	0.08
10/17/2013 16:25:21	12.10	4.73	0.08
10/17/2013 16:25:31	12.11	4.73	0.06
10/17/2013 16:25:41	12.16	4.70	0.07
10/17/2013 16:25:51	12.18	4.68	0.06
10/17/2013 16:26:01	12.24	4.65	0.06
10/17/2013 16:26:11	12.32	4.60	0.06
10/17/2013 16:26:21	12.42	4.54	0.06
10/17/2013 16:26:31	12.52	4.49	0.05
10/17/2013 16:26:41	12.61	4.44	0.04
10/17/2013 16:26:51	12.69	4.39	0.05
10/17/2013 16:27:01	12.75	4.37	0.06
10/17/2013 16:27:11	12.81	4.34	0.06
10/17/2013 16:27:21	12.86	4.31	0.07
10/17/2013 16:27:31	12.91	4.29	0.07
10/17/2013 16:27:41	12.96	4.27	0.07
10/17/2013 16:27:51	13.00	4.25	0.07
10/17/2013 16:28:01	13.03	4.23	0.07
10/17/2013 16:28:11	13.07	4.22	0.07
10/17/2013 16:28:21	13.11	4.20	0.07
10/17/2013 16:28:31	13.14	4.18	0.08
10/17/2013 16:28:41	13.17	4.17	0.07
10/17/2013 16:28:51	13.19	4.18	0.07
10/17/2013 16:29:01	13.20	4.17	0.07
10/17/2013 16:29:11	13.21	4.16	0.07
10/17/2013 16:29:21	13.22	4.16	0.07
10/17/2013 16:29:31	13.25	4.14	0.07
10/17/2013 16:29:41	13.25	4.15	0.07
10/17/2013 16:29:51	13.25	4.15	0.07
10/17/2013 16:30:01	13.25	4.15	0.07
10/17/2013 16:30:11	13.26	4.14	0.07
10/17/2013 16:30:21	13.28	4.13	0.11
10/17/2013 16:30:31	17.74	0.89	0.45
10/17/2013 16:30:41	20.41	0.26	0.52
10/17/2013 16:30:51	20.52	0.19	0.56
10/17/2013 16:31:01	20.55	0.16	0.60
10/17/2013 16:31:11	20.57	0.14	0.64
10/17/2013 16:31:21	20.59	0.12	0.69
10/17/2013 16:31:31	20.59	0.12	0.72
10/17/2013 16:31:41	20.60	0.11	0.74
10/17/2013 16:31:51	20.61	0.11	0.76

<b>24 Hour time</b>	<b>O2 (%)</b>	<b>CO2 (%)</b>	<b>THC (ppm)</b>
10/17/2013 16:32:01	20.61	0.11	0.76
10/17/2013 16:32:11	20.61	0.10	0.76
10/17/2013 16:32:21	20.62	0.10	0.76
10/17/2013 16:32:31	20.63	0.10	0.77
10/17/2013 16:32:41	20.63	0.10	0.78
10/17/2013 16:32:51	20.63	0.10	0.78
10/17/2013 16:33:01	20.64	0.10	0.79
10/17/2013 16:33:11	20.63	0.09	0.79
10/17/2013 16:33:21	20.64	0.09	0.78
10/17/2013 16:33:31	20.64	0.09	0.79
10/17/2013 16:33:41	20.64	0.09	0.81
10/17/2013 16:33:51	20.64	0.09	0.83
10/17/2013 16:34:01	20.64	0.09	0.84
10/17/2013 16:34:11	20.64	0.08	0.84
10/17/2013 16:34:21	20.64	0.08	0.84
10/17/2013 16:34:31	20.65	0.08	0.83
10/17/2013 16:34:41	20.65	0.08	0.84
10/17/2013 16:34:51	20.65	0.09	0.83
10/17/2013 16:35:01	20.65	0.09	0.82
10/17/2013 16:35:11	20.65	0.09	0.83
10/17/2013 16:35:21	20.65	0.09	0.83
10/17/2013 16:35:31	20.65	0.09	0.83
10/17/2013 16:35:41	20.65	0.08	0.83
10/17/2013 16:35:51	20.65	0.08	0.82
10/17/2013 16:36:01	20.65	0.08	0.81
10/17/2013 16:36:11	20.65	0.08	0.80
10/17/2013 16:36:21	20.65	0.08	0.80
10/17/2013 16:36:31	20.65	0.08	0.80
10/17/2013 16:36:41	20.65	0.08	0.81
10/17/2013 16:36:51	20.65	0.08	0.79
10/17/2013 16:37:01	20.65	0.08	0.78
10/17/2013 16:37:11	20.65	0.08	0.78
10/17/2013 16:37:21	20.65	0.08	0.78
10/17/2013 16:37:31	20.66	0.08	0.76
10/17/2013 16:37:41	20.66	0.08	0.77
10/17/2013 16:37:51	20.66	0.09	0.79
10/17/2013 16:38:01	20.66	0.07	0.80
10/17/2013 16:38:11	20.66	0.08	0.80
10/17/2013 16:38:21	20.66	0.08	0.80
10/17/2013 16:38:31	20.66	0.08	0.78
10/17/2013 16:38:41	20.66	0.08	0.78
10/17/2013 16:38:51	20.66	0.08	0.79
10/17/2013 16:39:01	20.66	0.08	0.80
10/17/2013 16:39:11	20.66	0.08	0.78
10/17/2013 16:39:21	20.66	0.08	0.78
10/17/2013 16:39:31	20.66	0.08	0.79
10/17/2013 16:39:41	20.66	0.08	0.80
10/17/2013 16:39:51	20.71	0.08	0.80
10/17/2013 16:40:01	20.66	0.08	0.81

**Veolia Unit 3**

Uncorrected Concentrations									
18-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 4B	935-1250	10.73	7.20				0.23	43.69	0.41

Corrected O <sub>2</sub> Conc.					
18-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	935-1250	10.73	0.06	1.02	10.87

Corrected CO <sub>2</sub> Conc.					
18-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 4B	935-1250	7.20	0.07	1.02	7.26



**Veolia Unit 3**  
**O<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/18/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 22.50  
**Analyzer Range:** 25  
**Units:** %  
**Technician(s):** kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	07:50	0.02	0.02	0.1%
span gas	CC189665	22.50	07:52	22.49	0.01	0.0%
mid-range	CC43355	10.10	07:53	10.09	0.01	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	0.02	08:27	0.06	0.2%	12:54	0.07	0.2%	0.0%	$C_0 = 0.063$ $C_{MA}/(C_M - C_0) = 1.019$
	10.10	10.09	08:24	10.02	-0.3%	12:56	9.93	-0.7%	-0.4%	

**Veolia Unit 3**  
**CO<sub>2</sub> Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/18/2013  
**Instrument Make/Model:** Servomex 1440  
**Instrument Name/ID:** Waits  
**Calibration Span Value:** 19.20  
**Analyzer Range:** 20  
**Units:** %  
**Technician(s):** kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	400193157	0.00	07:50	0.01	0.01	0.0%
span gas	CC189665	19.20	07:52	19.15	0.05	0.2%
mid-range	CC43355	10.00	07:53	10.06	0.06	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
Run 4B	0.00	0.01	08:27	0.07	0.3%	12:54	0.07	0.3%	0.0%	$C_0 = 0.071$ $C_{MA}/(C_M - C_0) = 1.018$
	10.00	10.06	08:24	9.90	-0.9%	12:56	9.89	-0.9%	-0.1%	

**Veolia Unit 3  
THC Calibration Data Summary**

**Project ID:** 40942525  
**Date:** 10/18/2013  
**Instrument Make/Model:** TECO 51i  
**ID Number:** 1210152154  
**Span Value:** 30.00  
**Analyzer Range:** 30  
**Units:** ppm  
**Technician(s):** kmm

EPA Method 25A Calibration Error Test Results						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	09:25	0.00	0.00	n/a
<b>Span</b>	ALM025456	24.70	09:26	24.86	0.16	0.7%
<b>Mid</b>	ALM028646	14.80	09:28	15.17	0.37	2.5%
<b>Low</b>	ALM057529	8.43	09:30	8.61	0.18	2.1%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 4B	0.00	10:39	0.06	0.2
	15.17	10:41	14.88	-0.9
	0.00	11:58	0.07	0.3
	15.17	12:00	14.94	-0.8
	0.00	12:54	0.07	0.2
	15.17	12:58	14.98	-0.6

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:48:30	20.7494	0.0851	0.6939
7:48:40	20.7494	0.0815	0.6802
7:48:50	21.0127	0.0803	0.6879
7:49:00	20.8581	0.0785	0.6742
7:49:10	20.8944	0.0779	0.6915
7:49:20	7.8762	0.0291	0.7385
7:49:30	0.2249	0.0255	0.7575
7:49:40	0.0571	0.0148	0.7325
7:49:50	0.0404	0.0053	0.7188
7:50:00	0.0327	0.0053	0.7254
7:50:10	0.0267	0.0053	0.7373
7:50:20	0.0208	0.0053	0.7373
7:50:30	0.019	0.0059	0.7552
7:50:40	0.0172	0.0071	0.704
<b>N2 Zero</b>	<b>0.019</b>	<b>0.0061</b>	<b>0.732167</b>
7:50:50	0.038	0.0071	0.6956
7:51:00	18.5862	16.991	0.6956
7:51:10	22.3783	18.9744	0.6915
7:51:20	22.4584	19.0852	0.704
7:51:30	22.4735	19.1134	0.7087
7:51:40	22.4831	19.131	0.6956
7:51:50	22.4871	19.1426	0.6802
7:52:00	22.4906	19.1587	0.698
7:52:10	22.4946	19.1617	0.7266
<b>O2/CO2 Span</b>	<b>22.49077</b>	<b>19.15433</b>	<b>0.7016</b>
7:52:20	22.4584	19.0535	0.7165
7:52:30	19.4694	11.3725	0.6802
7:52:40	10.3501	10.0151	0.704
7:52:50	10.1287	10.0579	0.72
7:53:00	10.1037	10.0633	0.7177
7:53:10	10.0942	10.0615	0.7117
7:53:20	10.0924	10.0615	0.6855
7:53:30	10.0907	10.0603	0.673
7:53:40	10.0889	10.0579	0.682
<b>O2/CO2 10.1/10.0</b>	<b>10.09067</b>	<b>10.0599</b>	<b>0.680167</b>
7:53:50	10.0889	10.0663	0.6802
7:54:00	10.0865	10.0686	0.7861
7:54:10	12.5342	7.2835	0.7575
7:54:20	20.6351	0.141	0.6802
7:54:30	20.7207	0.1261	0.6879
7:54:40	20.7343	0.1112	0.6641

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:20:50	20.7625	0.0761	0.6397
8:21:00	20.761	0.0761	0.6409
8:21:10	20.7474	0.0946	0.5427
8:21:20	15.1604	4.0652	0.2166
8:21:30	13.8863	4.2693	0.4124
8:21:40	13.747	4.3645	0.5022
8:21:50	13.6899	4.4115	0.5528
8:22:00	13.6423	4.4603	0.5332
8:22:10	13.6173	4.4865	0.5266
8:22:20	13.65	4.5127	0.5106
8:22:30	13.4917	4.6216	0.4683
8:22:40	13.4155	4.6626	0.4177
8:22:50	13.3048	4.7704	0.3778
8:23:00	13.1519	4.8787	0.3332
8:23:10	12.965	5.0132	0.2951
8:23:20	12.799	5.1197	0.3285
8:23:30	14.2719	6.1183	0.3308
8:23:40	10.2186	9.7294	0.041
8:23:50	10.0752	9.8145	-0.009
8:24:00	10.0544	9.8467	-0.0512
8:24:10	10.0413	9.8633	-0.0881
8:24:20	10.0317	9.88	-0.0982
8:24:30	10.024	9.8901	-0.1179
8:24:40	10.0216	9.8978	-0.1191
8:24:50	10.0181	9.902	-0.1268
<b>O2/CO2 Bias</b>	<b>10.02123</b>	<b>9.896633</b>	<b>-0.12127</b>
8:25:00	10.0145	9.9068	-0.1328
8:25:10	10.0389	9.8294	0.0654
8:25:20	11.9902	5.8767	0.0404
8:25:30	2.4494	0.8682	-0.1203
8:25:40	0.3112	0.2945	-0.15
8:25:50	0.2005	0.2053	-0.1661
8:26:00	0.1487	0.1559	-0.1661
8:26:10	0.1184	0.1267	-0.1821
8:26:20	0.1011	0.1053	-0.0114
8:26:30	0.0803	0.088	-0.0191
8:26:40	0.0708	0.0785	-0.0227
8:26:50	0.0613	0.0696	-0.031
8:27:00	0.0517	0.0624	-0.0274
<b>Zero Bias</b>	<b>0.061267</b>	<b>0.070167</b>	<b>-0.02703</b>
8:27:10	0.0517	0.0571	-0.0024

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
8:27:20	6.1248	4.0289	2.5131
8:27:30	17.4401	0.2689	7.8524
8:27:40	20.1139	0.091	8.1946
8:27:50	20.2781	0.0726	8.2589
8:28:00	20.3581	0.0613	8.2827
9:22:10	0.0743	0.0291	0.1452
9:22:20	7.0443	3.9128	16.713
9:22:30	19.4618	0.1154	24.8865
9:22:40	20.2	0.0583	25.3487
9:22:50	20.3219	0.0434	25.468
9:23:00	20.3848	0.0339	25.531
9:23:10	20.4286	0.0273	25.0078
9:23:20	20.4573	0.0244	24.8109
9:23:30	20.4805	0.0214	24.819
9:23:40	20.4956	0.019	24.5612
9:23:50	19.8853	0.8379	8.7713
9:24:00	8.2958	0.7712	1.0384
9:24:10	0.5725	0.0761	0.0493
9:24:20	0.3285	0.0464	0.0184
9:24:30	0.2309	0.0327	0.0184
9:24:40	0.1737	0.0321	0.0047
9:24:50	0.1339	0.0261	-0.0036
9:25:00	0.1071	0.022	-0.0114
<b>Zero Bias</b>	<b>0.138233</b>	<b>0.026733</b>	<b>-0.00343</b>
9:25:10	0.0857	0.0184	-0.0137
9:25:20	0.0726	0.016	-0.009
9:25:30	1.377	1.3015	6.0409
9:25:40	16.2096	0.3338	23.3894
9:25:50	20.0454	0.0529	24.6312
9:26:00	20.2589	0.0327	24.7505
9:26:10	20.345	0.0238	24.8029
9:26:20	20.4004	0.0202	24.8336
9:26:30	20.4382	0.0166	24.8613
9:26:40	20.4649	0.0154	24.8955
<b>THC Span Bias</b>	<b>20.4345</b>	<b>0.0174</b>	<b>24.86347</b>
9:26:50	20.484	0.0339	24.9252
9:27:00	20.4976	0.0202	24.3784
9:27:10	19.2594	1.7115	12.1593
9:27:20	19.338	0.3951	14.8236
9:27:30	20.3868	0.0624	15.0283
9:27:40	20.4286	0.0398	15.0955

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:27:50	20.4442	0.0297	15.1277
9:28:00	20.4518	0.0261	15.1497
9:28:10	20.4573	0.0214	15.1658
9:28:20	20.4613	0.0184	15.1658
9:28:30	20.4649	0.016	15.1658
<b>THC Mid Bias</b>	<b>20.46117</b>	<b>0.0186</b>	<b>15.1658</b>
9:28:40	20.4689	0.0148	15.1658
9:28:50	20.4709	0.0154	10.4632
9:29:00	17.0277	1.7633	8.5582
9:29:10	20.4498	0.0755	8.5529
9:29:20	20.5298	0.0434	8.5838
9:29:30	20.5434	0.0321	8.5838
9:29:40	20.549	0.0267	8.6041
9:29:50	20.5565	0.0232	8.6148
9:30:00	20.5605	0.0208	8.6112
<b>THC Low Bias</b>	<b>20.55533</b>	<b>0.023567</b>	<b>8.610033</b>
9:30:10	20.5641	0.0202	8.5999
9:30:20	20.5626	0.0178	8.563
9:30:30	20.2841	0.4374	2.5613
9:30:40	11.529	6.7991	0.4695
9:30:50	11.025	6.9592	0.41
9:31:00	10.9506	7.0133	0.4005
9:31:10	10.9054	7.0514	0.3832
9:31:20	10.8405	7.102	0.3618
9:31:30	10.8018	7.1401	0.3368
9:31:40	10.7637	7.1556	0.3207
9:31:50	10.7179	7.1877	0.2999
9:32:00	10.6667	7.2175	0.2791
9:32:10	10.6001	7.2555	0.2666
9:32:20	10.5673	7.2716	0.2588
9:32:30	10.531	7.2924	0.2588
9:32:40	10.4566	7.3615	0.2564
9:32:50	10.3942	7.4085	0.2529
9:33:00	10.3745	7.4377	0.2356
9:33:10	10.3614	7.443	0.2356
9:33:20	10.4644	7.3692	0.2356
9:33:30	10.6001	7.2585	0.2356
9:33:40	10.7828	7.1425	0.2356
9:33:50	10.8381	7.1228	0.2279
9:34:00	10.7851	7.1752	0.2231
9:34:10	10.7488	7.2014	0.2315
9:34:20	10.6626	7.2651	0.2439

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:34:30	10.6477	7.2669	0.2303
9:34:40	10.653	7.2484	0.2255
9:34:50	10.7429	7.1681	0.2196

**Start Run 4B**

9:35:00	10.8518	7.08	0.2154
9:35:10	11.0059	6.9586	0.213
9:35:20	11.0922	6.9199	0.2207
9:35:30	11.0327	6.977	0.2196
9:35:40	10.9262	7.0532	0.2207
9:35:50	10.8441	7.1121	0.2047
9:36:00	10.7566	7.1562	0.213
9:36:10	10.7143	7.1859	0.213
9:36:20	10.7488	7.1347	0.2255
9:36:30	10.8363	7.0609	0.213
9:36:40	11.0042	6.93	0.2196
9:36:50	11.1494	6.8336	0.2207
9:37:00	11.1952	6.8372	0.2196
9:37:10	11.1797	6.8634	0.2279
9:37:20	11.1381	6.9134	0.2279
9:37:30	11.1131	6.9199	0.2255
9:37:40	11.1148	6.9199	0.213
9:37:50	11.1857	6.8461	0.213
9:38:00	11.2868	6.7664	0.213
9:38:10	11.4261	6.6485	0.213
9:38:20	11.5457	6.5771	0.213
9:38:30	11.5362	6.5991	0.213
9:38:40	11.4582	6.6646	0.213
9:38:50	11.3362	6.7723	0.2047
9:39:00	11.2255	6.8366	0.2029
9:39:10	11.1624	6.8812	0.2047
9:39:20	11.1642	6.8568	0.2047
9:39:30	11.2505	6.7783	0.1934
9:39:40	11.3761	6.6747	0.2047
9:39:50	11.4582	6.6182	0.2106
9:40:00	11.4219	6.6622	0.213
9:40:10	11.3249	6.7509	0.213
9:40:20	11.2083	6.8431	0.2029
9:40:30	11.094	6.9145	0.1993
9:40:40	11.05	6.9419	0.1993
9:40:50	11.0541	6.9259	0.191
9:41:00	11.1434	6.8479	0.1969
9:41:10	11.2696	6.7426	0.2071
9:41:20	11.4011	6.6497	0.1993



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:41:30	11.4297	6.6485	0.1821
9:41:40	11.363	6.7045	0.1993
9:41:50	11.2868	6.7723	0.2029
9:42:00	11.1738	6.8503	0.2106
9:42:10	11.1184	6.8884	0.1969
9:42:20	11.0994	6.8878	0.2047
9:42:30	11.1952	6.8039	0.2047
9:42:40	11.313	6.6967	0.213
9:42:50	11.4487	6.6015	0.213
9:43:00	11.5023	6.5783	0.213
9:43:10	11.4201	6.6587	0.213
9:43:20	11.3035	6.7687	0.219
9:43:30	11.1797	6.8533	0.2207
9:43:40	11.1285	6.8806	0.2154
9:43:50	11.1261	6.8747	0.213
9:44:00	11.1815	6.8152	0.2154
9:44:10	11.3017	6.7188	0.2047
9:44:20	11.4374	6.6152	0.2071
9:44:30	11.4927	6.586	0.213
9:44:40	11.4064	6.6711	0.2047
9:44:50	11.3249	6.7342	0.213
9:45:00	11.2065	6.8158	0.2047
9:45:10	11.1357	6.8515	0.2071
9:45:20	11.1053	6.8693	0.2029
9:45:30	11.1666	6.8122	0.1969
9:45:40	11.2654	6.7205	0.1969
9:45:50	11.4029	6.6176	0.1969
9:46:00	11.4755	6.5777	0.1868
9:46:10	11.0369	6.9342	0.1821
9:46:20	10.8536	7.0806	0.1809
9:46:30	10.7125	7.1734	0.1785
9:46:40	10.6209	7.2395	0.1821
9:46:50	10.4947	7.3186	0.1898
9:47:00	10.3579	7.4186	0.1898
9:47:10	10.2162	7.4995	0.1821
9:47:20	10.1537	7.5341	0.1821
9:47:30	10.0984	7.5222	0.219
9:47:40	12.1676	5.8523	0.2439
9:47:50	11.8189	6.4587	0.2196
9:48:00	11.0518	6.961	0.2094
9:48:10	10.4971	7.3639	0.1969
9:48:20	10.3329	7.4478	0.1898
9:48:30	10.371	7.4133	0.1898
9:48:40	10.4626	7.346	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:48:50	10.6227	7.2311	0.1898
9:49:00	10.7697	7.1341	0.1898
9:49:10	10.8078	7.1377	0.1993
9:49:20	10.7524	7.1913	0.2047
9:49:30	10.6626	7.2651	0.2207
9:49:40	11.1131	6.6664	0.2356
9:49:50	11.2999	6.7539	0.2279
9:50:00	11.2481	6.8021	0.2196
9:50:10	11.094	6.9776	0.219
9:50:20	11.1071	6.9401	0.2207
9:50:30	11.2981	6.7908	0.2118
9:50:40	11.479	6.67	0.2207
9:50:50	11.4981	6.6836	0.2196
9:51:00	11.4546	6.7378	0.2196
9:51:10	11.3838	6.7967	0.2255
9:51:20	11.3398	6.8354	0.2279
9:51:30	11.0672	6.9991	0.2196
9:51:40	11.0785	6.8503	0.2196
9:51:50	11.1624	6.8836	0.2196
9:52:00	11.1738	6.8973	0.213
9:52:10	11.2315	6.8675	0.213
9:52:20	11.3207	6.7937	0.213
9:52:30	11.5118	6.6372	0.2047
9:52:40	11.7236	6.4754	0.213
9:52:50	11.8819	6.3629	0.2207
9:53:00	11.9331	6.3528	0.2207
9:53:10	11.8683	6.4117	0.2207
9:53:20	11.7748	6.4825	0.2207
9:53:30	11.7177	6.5128	0.213
9:53:40	11.6623	6.5444	0.213
9:53:50	11.6683	6.5134	0.213
9:54:00	11.7712	6.4295	0.213
9:54:10	11.8932	6.3242	0.213
9:54:20	11.9902	6.2558	0.213
9:54:30	11.9486	6.3087	0.213
9:54:40	11.8456	6.3968	0.213
9:54:50	11.7254	6.4908	0.2094
9:55:00	11.6106	6.5676	0.2047
9:55:10	11.5439	6.6099	0.2047
9:55:20	11.5362	6.5938	0.2047
9:55:30	11.6243	6.5158	0.213
9:55:40	11.7236	6.4504	0.2047
9:55:50	11.7558	6.4313	0.2047
9:56:00	11.7117	6.4825	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:56:10	11.5862	6.5765	0.2047
9:56:20	11.4695	6.6723	0.2047
9:56:30	11.3803	6.7348	0.2047
9:56:40	11.3172	6.7717	0.219
9:56:50	11.3535	6.7336	0.2207
9:57:00	11.4546	6.6444	0.2207
9:57:10	11.5939	6.5426	0.2255
9:57:20	11.6451	6.5265	0.2279
9:57:30	11.5612	6.6116	0.213
9:57:40	11.4773	6.6914	0.213
9:57:50	11.3571	6.7801	0.213
9:58:00	11.2999	6.8205	0.2207
9:58:10	11.2749	6.8312	0.2207
9:58:20	11.3398	6.7646	0.2207
9:58:30	11.4713	6.6479	0.213
9:58:40	11.6165	6.542	0.2154
9:58:50	11.6433	6.5474	0.2094
9:59:00	11.5653	6.6176	0.1993
9:59:10	11.46	6.7027	0.1969
9:59:20	11.3725	6.7539	0.2047
9:59:30	11.3303	6.7711	0.2047
9:59:40	11.3553	6.739	0.2047
9:59:50	11.4279	6.6694	0.2047
10:00:00	11.5534	6.5634	0.2118
10:00:10	11.6719	6.4754	0.2071
10:00:20	11.6546	6.5188	0.2047
10:00:30	11.5552	6.5997	0.2047
10:00:40	11.46	6.6765	0.2118
10:00:50	11.382	6.7271	0.2017
10:01:00	11.3207	6.7634	0.2047
10:01:10	11.3267	6.7432	0.213
10:01:20	11.4047	6.6801	0.213
10:01:30	11.5499	6.5622	0.2047
10:01:40	11.6493	6.498	0.1993
10:01:50	11.6201	6.5414	0.2029
10:02:00	11.5118	6.6414	0.1969
10:02:10	11.3934	6.7348	0.1969
10:02:20	11.3154	6.7908	0.1969
10:02:30	11.2505	6.8312	0.1969
10:02:40	11.2731	6.7973	0.1898
10:02:50	11.3761	6.7074	0.1946
10:03:00	11.5154	6.6075	0.1969
10:03:10	11.5862	6.5581	0.2047
10:03:20	11.5362	6.6093	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:03:30	11.4677	6.6717	0.2047
10:03:40	11.3553	6.761	0.2029
10:03:50	11.2827	6.8164	0.2047
10:04:00	11.2446	6.8419	0.2047
10:04:10	11.3035	6.786	0.2106
10:04:20	11.4047	6.6991	0.2154
10:04:30	11.5386	6.6009	0.2047
10:04:40	11.5766	6.5932	0.213
10:04:50	11.5267	6.645	0.2196
10:05:00	11.4279	6.7217	0.2231
10:05:10	11.3475	6.7884	0.2279
10:05:20	11.2541	6.8479	0.2207
10:05:30	11.2237	6.8646	0.2142
10:05:40	11.2291	6.8509	0.2196
10:05:50	11.3112	6.7777	0.2207
10:06:00	11.4427	6.667	0.2196
10:06:10	11.5844	6.5634	0.2207
10:06:20	11.5939	6.5777	0.2356
10:06:30	11.5499	6.6158	0.2178
10:06:40	11.485	6.6676	0.2207
10:06:50	11.4142	6.7307	0.213
10:07:00	11.3588	6.767	0.2154
10:07:10	11.2749	6.8366	0.2207
10:07:20	11.2255	6.861	0.213
10:07:30	11.2101	6.8729	0.213
10:07:40	11.2523	6.8217	0.213
10:07:50	11.382	6.7229	0.213
10:08:00	11.5362	6.6021	0.2207
10:08:10	11.6397	6.5343	0.2196
10:08:20	11.6225	6.5616	0.213
10:08:30	11.5267	6.6503	0.213
10:08:40	11.4088	6.7408	0.2047
10:08:50	11.3207	6.805	0.2047
10:09:00	11.2654	6.8366	0.2047
10:09:10	11.3059	6.7943	0.2071
10:09:20	11.4064	6.7128	0.2047
10:09:30	11.5308	6.6116	0.1969
10:09:40	11.5749	6.6015	0.1993
10:09:50	11.466	6.7015	0.1969
10:10:00	11.344	6.8021	0.1969
10:10:10	11.2559	6.8473	0.2047
10:10:20	11.2351	6.8586	0.2047
10:10:30	11.2844	6.8068	0.2047
10:10:40	11.3934	6.7229	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:10:50	11.5386	6.6027	0.219
10:11:00	11.6945	6.4908	0.213
10:11:10	11.7403	6.4694	0.213
10:11:20	11.6814	6.5253	0.213
10:11:30	11.6034	6.5944	0.213
10:11:40	11.5136	6.6557	0.213
10:11:50	11.4808	6.6747	0.2118
10:12:00	11.5326	6.6158	0.2118
10:12:10	11.6606	6.5039	0.2118
10:12:20	11.851	6.354	0.2118
10:12:30	12.017	6.2201	0.213
10:12:40	12.0742	6.1951	0.213
10:12:50	12.0343	6.2343	0.2196
10:13:00	11.9539	6.2998	0.2196
10:13:10	11.8724	6.3581	0.213
10:13:20	11.8076	6.3998	0.2196
10:13:30	11.8361	6.354	0.213
10:13:40	11.9176	6.279	0.213
10:13:50	12.042	6.1665	0.213
10:14:00	12.1218	6.1094	0.213
10:14:10	12.0724	6.1629	0.213
10:14:20	11.9944	6.2308	0.213
10:14:30	11.87	6.3415	0.2047
10:14:40	11.7921	6.4033	0.213
10:14:50	11.748	6.4212	0.2047
10:15:00	11.8034	6.3647	0.2047
10:15:10	11.8968	6.2796	0.2047
10:15:20	12.0248	6.1736	0.2047
10:15:30	12.0783	6.1391	0.213
10:15:40	12.0361	6.182	0.1969
10:15:50	11.9046	6.2903	0.213
10:16:00	11.7843	6.3694	0.213
10:16:10	11.6986	6.426	0.2047
10:16:20	11.6796	6.4266	0.2094
10:16:30	11.7141	6.3855	0.213
10:16:40	11.8266	6.2915	0.2207
10:16:50	11.9218	6.2201	0.2106
10:17:00	11.9236	6.2391	0.2071
10:17:10	11.8266	6.32	0.2094
10:17:20	11.6969	6.4337	0.1957
10:17:30	11.5689	6.523	0.2047
10:17:40	11.504	6.567	0.213
10:17:50	11.485	6.5724	0.2094
10:18:00	11.5457	6.5128	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:18:10	11.6606	6.4158	0.2142
10:18:20	11.7671	6.3349	0.2118
10:18:30	11.7635	6.3563	0.2118
10:18:40	11.7177	6.3885	0.2047
10:18:50	11.6338	6.4581	0.1969
10:19:00	11.5915	6.4879	0.213
10:19:10	11.5862	6.4879	0.213
10:19:20	11.6623	6.4206	0.213
10:19:30	11.7998	6.2938	0.213
10:19:40	11.9772	6.1611	0.213
10:19:50	12.0533	6.1064	0.2196
10:20:00	12.0135	6.1492	0.2154
10:20:10	11.9373	6.207	0.2118
10:20:20	11.8189	6.301	0.213
10:20:30	11.748	6.3498	0.213
10:20:40	11.7159	6.3611	0.2118
10:20:50	11.773	6.3063	0.2196
10:21:00	11.8724	6.2099	0.2279
10:21:10	12.0117	6.1034	0.2356
10:21:20	12.0801	6.0374	0.2356
10:21:30	12.0724	6.0683	0.2196
10:21:40	11.9944	6.1421	0.2356
10:21:50	11.8873	6.223	0.2356
10:22:00	11.7903	6.3046	0.2255
10:22:10	11.7141	6.3474	0.213
10:22:20	11.6778	6.3736	0.213
10:22:30	11.7004	6.3397	0.213
10:22:40	11.7956	6.2599	0.2207
10:22:50	11.9046	6.1641	0.2207
10:23:00	12.0515	6.0463	0.213
10:23:10	12.0819	6.0338	0.2047
10:23:20	12.0212	6.0927	0.213
10:23:30	11.9391	6.1611	0.2118
10:23:40	11.8189	6.2456	0.2118
10:23:50	11.7427	6.3046	0.1969
10:24:00	11.7022	6.3206	0.2071
10:24:10	11.7522	6.2772	0.213
10:24:20	11.8647	6.1772	0.213
10:24:30	11.9772	6.0915	0.213
10:24:40	12.0248	6.0713	0.213
10:24:50	11.9635	6.1338	0.213
10:25:00	11.8492	6.2308	0.213
10:25:10	11.7463	6.3182	0.2047
10:25:20	11.6641	6.3736	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:25:30	11.6052	6.4099	0.1969
10:25:40	11.6683	6.3498	0.2047
10:25:50	11.7921	6.2558	0.2047
10:26:00	11.9391	6.1284	0.2071
10:26:10	12.0022	6.0915	0.213
10:26:20	11.9676	6.1248	0.213
10:26:30	11.9028	6.1849	0.2178
10:26:40	11.7885	6.2683	0.2047
10:26:50	11.7254	6.3171	0.2047
10:27:00	11.6986	6.329	0.2041
10:27:10	11.748	6.2808	0.2047
10:27:20	11.8534	6.1855	0.2047
10:27:30	11.9712	6.0933	0.1892
10:27:40	12.0515	6.0362	0.2029
10:27:50	12.0117	6.0743	0.213
10:28:00	11.9046	6.1611	0.2118
10:28:10	11.7861	6.2552	0.2047
10:28:20	11.7082	6.3087	0.2118
10:28:30	11.6754	6.3242	0.2196
10:28:40	11.7195	6.2802	0.213
10:28:50	11.8189	6.1843	0.2047
10:29:00	11.9444	6.0933	0.2047
10:29:10	11.9998	6.0534	0.213
10:29:20	11.9712	6.0933	0.2142
10:29:30	11.8855	6.1659	0.2196
10:29:40	11.779	6.2635	0.2118
10:29:50	11.6754	6.3415	0.2196
10:30:00	11.6243	6.3688	0.2196
10:30:10	11.6701	6.3278	0.2231
10:30:20	11.773	6.2397	0.2196
10:30:30	11.9063	6.1367	0.2279
10:30:40	12.0039	6.0653	0.2279
10:30:50	11.9962	6.085	0.2279
10:31:00	11.9141	6.1641	0.2047
10:31:10	11.8111	6.2427	0.213
10:31:20	11.7332	6.3087	0.213
10:31:30	11.7004	6.3266	0.2047
10:31:40	11.7385	6.2903	0.213
10:31:50	11.8284	6.2099	0.2094
10:32:00	11.9539	6.1076	0.213
10:32:10	12.0456	6.0504	0.2047
10:32:20	12.0093	6.0903	0.213
10:32:30	11.9254	6.1617	0.2047
10:32:40	11.8242	6.2611	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:32:50	11.729	6.329	0.1969
10:33:00	11.6814	6.351	0.2106
10:33:10	11.704	6.3296	0.213
10:33:20	11.7808	6.2581	0.213
10:33:30	11.9331	6.1403	0.2094
10:33:40	12.017	6.0873	0.2047
10:33:50	12.0438	6.0802	0.2047
10:34:00	11.9789	6.1439	0.2106
10:34:10	11.9081	6.2105	0.2106
10:34:20	11.8361	6.2689	0.213
10:34:30	11.7593	6.326	0.213
10:34:40	11.704	6.3795	0.2106
10:34:50	11.6165	6.4313	0.213
10:35:00	11.5957	6.4444	0.2047
10:35:10	11.6493	6.3849	0.213
10:35:20	11.7403	6.3105	0.213
10:35:30	11.8915	6.1808	0.213
10:35:40	12.0135	6.0957	0.213
10:35:50	12.0361	6.0939	0.213
10:36:00	11.9599	6.1582	0.213
10:36:10	11.8492	6.2552	0.2207
10:36:20	11.7689	6.3105	0.213
10:36:30	11.71	6.3528	0.2071
10:36:40	11.7349	6.323	0.2041
10:36:50	11.798	6.2647	0.2047
10:37:00	11.9349	6.148	0.2047
10:37:10	12.017	6.0885	0.1969
10:37:20	11.9962	6.101	0.1969
10:37:30	11.9236	6.1736	0.1969

**Start Bias Calibration**

10:37:40	11.7861	6.2825	0.2118
10:37:50	12.1432	5.5988	0.4576
10:38:00	1.6425	0.3719	0.0791
10:38:10	0.2636	0.21	0.0678
10:38:20	0.1624	0.1505	0.0708
10:38:30	0.1315	0.1237	0.069
10:38:40	0.1029	0.1023	0.0654
10:38:50	0.0803	0.0862	0.0708
10:39:00	0.0726	0.0797	0.0708
10:39:10	0.0666	0.0755	0.0666
10:39:20	0.0517	0.0654	0.0493
10:39:30	0.038	0.0708	0.0493

**Zero Bias                    0.0521    0.070567    0.055067**



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:39:40	0.038	0.0613	0.041
10:39:50	0.0327	0.0553	0.041
10:40:00	0.2922	0.2672	1.3187
10:40:10	12.4253	0.7724	12.9168
10:40:20	19.849	0.094	14.6129
10:40:30	20.133	0.0666	14.7355
10:40:40	20.2302	0.0541	14.7962
10:40:50	20.3027	0.0458	14.8373
10:41:00	20.3355	0.041	14.8557
10:41:10	20.3697	0.0357	14.8736
10:41:20	20.3888	0.0339	14.8843
10:41:30	20.4039	0.0297	14.8884
<b>THC Mid Bias</b>	<b>20.38747</b>	<b>0.0331</b>	<b>14.8821</b>
10:41:40	20.4191	0.0267	14.8884
10:41:50	20.4286	0.0345	9.908
10:42:00	14.2582	5.3595	0.77
10:42:10	12.2842	5.9195	0.429
10:42:20	12.2134	5.96	0.4017
10:42:30	12.0593	6.1058	0.3832
<b>Resume Run 4B</b>			
10:42:40	11.8873	6.2498	0.3707
10:42:50	11.6927	6.4087	0.3368
10:43:00	11.5576	6.5146	0.316
10:43:10	11.4886	6.5593	0.2951
10:43:20	11.5076	6.5432	0.2791
10:43:30	11.5802	6.4748	0.2666
10:43:40	11.6909	6.3879	0.2588
10:43:50	11.7349	6.3665	0.2517
10:44:00	11.6588	6.4391	0.2439
10:44:10	11.5576	6.5277	0.2368
10:44:20	11.4088	6.639	0.2291
10:44:30	11.3267	6.6944	0.2291
10:44:40	11.2654	6.7295	0.2356
10:44:50	11.2963	6.6997	0.2291
10:45:00	11.338	6.6551	0.2356
10:45:10	11.3725	6.639	0.2368
10:45:20	11.2868	6.7205	0.2279
10:45:30	11.1357	6.8443	0.2291
10:45:40	10.9411	6.9943	0.2279
10:45:50	10.7965	7.0895	0.2207
10:46:00	10.6798	7.1663	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:46:10	10.6703	7.1585	0.2207
10:46:20	10.7179	7.1193	0.2207
10:46:30	10.8363	7.0258	0.2207
10:46:40	10.9202	6.9758	0.2207
10:46:50	10.8572	7.0479	0.2207
10:47:00	10.7637	7.1211	0.2207
10:47:10	10.6227	7.2329	0.2207
10:47:20	10.531	7.296	0.2207
10:47:30	10.4513	7.3484	0.2207
10:47:40	10.4626	7.3258	0.213
10:47:50	10.5138	7.277	0.2279
10:48:00	10.6608	7.1699	0.2291
10:48:10	10.7256	7.1401	0.2368
10:48:20	10.6572	7.2103	0.2047
10:48:30	10.5656	7.2752	0.2047
10:48:40	10.4132	7.3841	0.2154
10:48:50	10.3347	7.418	0.2207
10:49:00	10.2906	7.4287	0.2207
10:49:10	10.346	7.3883	0.2207
10:49:20	10.4453	7.2948	0.2291
10:49:30	10.5959	7.1853	0.2279
10:49:40	10.6554	7.1693	0.2356
10:49:50	10.5542	7.2567	0.2356
10:50:00	10.4073	7.3645	0.2356
10:50:10	10.287	7.4466	0.2356
10:50:20	10.2716	7.446	0.2356
10:50:30	10.2603	7.4448	0.2219
10:50:40	10.3483	7.3704	0.2196
10:50:50	10.4739	7.2758	0.2207
10:51:00	10.6132	7.18	0.2207
10:51:10	10.6667	7.1615	0.2279
10:51:20	10.5786	7.2472	0.2207
10:51:30	10.4513	7.3543	0.2207
10:51:40	10.3483	7.4246	0.2196
10:51:50	10.2966	7.4644	0.2279
10:52:00	10.2888	7.4561	0.2196
10:52:10	10.3674	7.3966	0.2255
10:52:20	10.4947	7.296	0.2219
10:52:30	10.634	7.2073	0.2207
10:52:40	10.6745	7.2056	0.2196
10:52:50	10.5959	7.2734	0.2207
10:53:00	10.4971	7.3561	0.219
10:53:10	10.4281	7.3859	0.213
10:53:20	10.3977	7.4115	0.2154

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:53:30	10.4263	7.3811	0.2207
10:53:40	10.5429	7.2966	0.2207
10:53:50	10.7161	7.1627	0.2207
10:54:00	10.8328	7.1002	0.2207
10:54:10	10.8232	7.1324	0.2356
10:54:20	10.7542	7.1865	0.2219
10:54:30	10.6417	7.2734	0.2231
10:54:40	10.5882	7.2978	0.2392
10:54:50	10.5542	7.3216	0.2356
10:55:00	10.581	7.2788	0.2356
10:55:10	10.684	7.2026	0.2356
10:55:20	10.8363	7.0877	0.2392
10:55:30	10.9167	7.0455	0.2439
10:55:40	10.8691	7.0907	0.2493
10:55:50	10.781	7.1704	0.2439
10:56:00	10.6304	7.2835	0.2439
10:56:10	10.556	7.3216	0.2416
10:56:20	10.4989	7.3627	0.2291
10:56:30	10.5293	7.318	0.2279
10:56:40	10.634	7.2341	0.2315
10:56:50	10.7732	7.1324	0.2356
10:57:00	10.8459	7.102	0.2356
10:57:10	10.7506	7.1925	0.2356
10:57:20	10.678	7.2514	0.2356
10:57:30	10.5751	7.3258	0.2517
10:57:40	10.5275	7.3508	0.2356
10:57:50	10.5102	7.3484	0.2356
10:58:00	10.5786	7.2948	0.2356
10:58:10	10.6893	7.2073	0.2439
10:58:20	10.831	7.1086	0.2517
10:58:30	10.9012	7.0782	0.2517
10:58:40	10.8381	7.1365	0.2517
10:58:50	10.7947	7.1716	0.2517
10:59:00	10.7602	7.1925	0.2439
10:59:10	10.7584	7.196	0.2439
10:59:20	10.781	7.1699	0.2368
10:59:30	10.9298	7.0544	0.2356
10:59:40	11.0827	6.9431	0.2196
10:59:50	11.1874	6.8771	0.2392
11:00:00	11.1624	6.9217	0.2356
11:00:10	11.0654	6.9937	0.2356
11:00:20	10.9678	7.0734	0.2356
11:00:30	10.8994	7.1109	0.2356
11:00:40	10.8857	7.1163	0.2303

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:00:50	10.9625	7.0437	0.2207
11:01:00	11.1071	6.9342	0.213
11:01:10	11.2773	6.805	0.213
11:01:20	11.4279	6.7039	0.2047
11:01:30	11.4487	6.7051	0.2071
11:01:40	11.4124	6.7503	0.2047
11:01:50	11.3422	6.8104	0.2118
11:02:00	11.2904	6.8497	0.2118
11:02:10	11.2714	6.864	0.213
11:02:20	11.3077	6.8312	0.2118
11:02:30	11.4047	6.7568	0.2118
11:02:40	11.5576	6.6426	0.213
11:02:50	11.6564	6.5694	0.2118
11:03:00	11.6397	6.6009	0.213
11:03:10	11.5689	6.6557	0.2207
11:03:20	11.4582	6.7426	0.2196
11:03:30	11.4124	6.7741	0.1993
11:03:40	11.3588	6.805	0.1969
11:03:50	11.4011	6.7551	0.2047
11:04:00	11.4927	6.6747	0.1969
11:04:10	11.6296	6.5688	0.2047
11:04:20	11.7022	6.5158	0.219
11:04:30	11.6891	6.542	0.2118
11:04:40	11.6201	6.617	0.213
11:04:50	11.5534	6.6664	0.2047
11:05:00	11.4963	6.7045	0.2071
11:05:10	11.4564	6.7378	0.2142
11:05:20	11.4047	6.7771	0.1993
11:05:30	11.3666	6.8098	0.2005
11:05:40	11.3321	6.8271	0.213
11:05:50	11.3112	6.8402	0.2047
11:06:00	11.3303	6.8187	0.2047
11:06:10	11.4047	6.7604	0.213
11:06:20	11.5195	6.6616	0.2047
11:06:30	11.6451	6.5712	0.2071
11:06:40	11.6814	6.5521	0.213
11:06:50	11.6296	6.5974	0.2017
11:07:00	11.5612	6.6473	0.2041
11:07:10	11.4808	6.7021	0.2041
11:07:20	11.4201	6.7408	0.2118
11:07:30	11.3684	6.786	0.213
11:07:40	11.3267	6.808	0.213
11:07:50	11.2749	6.8515	0.2071
11:08:00	11.2315	6.8806	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:08:10	11.1684	6.9366	0.2118
11:08:20	11.1089	6.9889	0.2196
11:08:30	11.0178	7.0836	0.2356
11:08:40	10.9678	7.13	0.2392
11:08:50	10.9339	7.1663	0.2517
11:09:00	10.9548	7.1514	0.2517
11:09:10	11.0595	7.0705	0.2564
11:09:20	11.2047	6.9592	0.2588
11:09:30	11.2844	6.911	0.2678
11:09:40	11.2672	6.9449	0.2826
11:09:50	11.1511	7.0508	0.2588
11:10:00	11.0291	7.1318	0.2588
11:10:10	10.9833	7.1621	0.2666
11:10:20	10.9565	7.1681	0.2666
11:10:30	10.9946	7.1246	0.2588
11:10:40	11.0803	7.0401	0.2624
11:10:50	11.1761	6.9633	0.2588
11:11:00	11.1874	6.9729	0.2666
11:11:10	11.0845	7.0568	0.2612
11:11:20	10.947	7.1556	0.2564
11:11:30	10.85	7.2127	0.2576
11:11:40	10.7756	7.2484	0.2416
11:11:50	10.7542	7.2377	0.2392
11:12:00	10.8191	7.1853	0.2439
11:12:10	10.9678	7.0538	0.2487
11:12:20	11.0785	6.9812	0.2517
11:12:30	11.0768	6.9991	0.2517
11:12:40	10.9946	7.0651	0.2439
11:12:50	10.8708	7.1681	0.2439
11:13:00	10.7774	7.2216	0.2439
11:13:10	10.7084	7.2639	0.2439
11:13:20	10.7143	7.2448	0.2517
11:13:30	10.7965	7.1788	0.2517
11:13:40	10.9262	7.0693	0.2416
11:13:50	11.0137	7.0121	0.2356
11:14:00	10.9833	7.0484	0.2356
11:14:10	10.8744	7.1383	0.2356
11:14:20	10.7411	7.227	0.2279
11:14:30	10.6721	7.2716	0.2196
11:14:40	10.6435	7.2823	0.2196
11:14:50	10.6703	7.2425	0.2279
11:15:00	10.7661	7.1669	0.2368
11:15:10	10.8935	7.0639	0.2344
11:15:20	10.9601	7.03	0.2439

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:15:30	10.9167	7.0776	0.2428
11:15:40	10.8476	7.133	0.238
11:15:50	10.7298	7.2186	0.2303
11:16:00	10.6798	7.249	0.2196
11:16:10	10.6227	7.2936	0.2207
11:16:20	10.6608	7.2561	0.2279
11:16:30	10.7542	7.1829	0.2279
11:16:40	10.8631	7.108	0.2338
11:16:50	10.8631	7.1341	0.2267
11:17:00	10.7661	7.2139	0.2207
11:17:10	10.634	7.3151	0.2315
11:17:20	10.5162	7.3918	0.2315
11:17:30	10.4376	7.4448	0.2356
11:17:40	10.4132	7.443	0.2416
11:17:50	10.5066	7.3811	0.2439
11:18:00	10.6364	7.2722	0.2517
11:18:10	10.7566	7.2002	0.2439
11:18:20	10.7352	7.2347	0.2439
11:18:30	10.653	7.3049	0.2356
11:18:40	10.5542	7.3817	0.2315
11:18:50	10.4662	7.4359	0.2356
11:19:00	10.4073	7.4621	0.2291
11:19:10	10.4281	7.4359	0.2231
11:19:20	10.5233	7.3567	0.2291
11:19:30	10.6876	7.2234	0.2279
11:19:40	10.7869	7.1728	0.2344
11:19:50	10.7488	7.2222	0.2356
11:20:00	10.6608	7.2913	0.2279
11:20:10	10.5542	7.3746	0.2279
11:20:20	10.4531	7.4382	0.2356
11:20:30	10.3864	7.4864	0.2279
11:20:40	10.39	7.4704	0.2196
11:20:50	10.4799	7.399	0.2207
11:21:00	10.6227	7.2936	0.2279
11:21:10	10.6762	7.2758	0.2356
11:21:20	10.6304	7.3204	0.2356
11:21:30	10.5501	7.3829	0.2356
11:21:40	10.4358	7.4674	0.2279
11:21:50	10.3406	7.5251	0.2279
11:22:00	10.2853	7.5573	0.2344
11:22:10	10.3329	7.5085	0.2315
11:22:20	10.4376	7.4246	0.2255
11:22:30	10.5846	7.3234	0.2338
11:22:40	10.6382	7.302	0.2356

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:22:50	10.5501	7.3906	0.2356
11:23:00	10.4549	7.4543	0.2356
11:23:10	10.3442	7.5216	0.2356
11:23:20	10.2906	7.5507	0.2279
11:23:30	10.2567	7.5638	0.2255
11:23:40	10.3424	7.4894	0.2207
11:23:50	10.4471	7.4061	0.2166
11:24:00	10.581	7.3049	0.2231
11:24:10	10.6364	7.2924	0.2207
11:24:20	10.5596	7.3591	0.2207
11:24:30	10.4799	7.4192	0.213
11:24:40	10.4073	7.4585	0.2106
11:24:50	10.3823	7.471	0.2356
11:25:00	10.3864	7.4513	0.2356
11:25:10	10.4703	7.3871	0.2356
11:25:20	10.6001	7.2746	0.2356
11:25:30	10.7298	7.196	0.2279
11:25:40	10.7465	7.2151	0.2279
11:25:50	10.6554	7.2782	0.2279
11:26:00	10.581	7.3454	0.2178
11:26:10	10.4947	7.3942	0.213
11:26:20	10.4531	7.4204	0.2196
11:26:30	10.4436	7.4103	0.2207
11:26:40	10.5179	7.3573	0.2279
11:26:50	10.6269	7.2645	0.2207
11:27:00	10.7429	7.1919	0.2207
11:27:10	10.7506	7.2133	0.2338
11:27:20	10.6703	7.2853	0.2279
11:27:30	10.5733	7.3609	0.2207
11:27:40	10.4816	7.4222	0.213
11:27:50	10.4299	7.4615	0.2279
11:28:00	10.4436	7.4359	0.2338
11:28:10	10.4912	7.3942	0.2291
11:28:20	10.6286	7.2895	0.2279
11:28:30	10.7221	7.2311	0.2279
11:28:40	10.7012	7.2674	0.2291
11:28:50	10.6191	7.3299	0.2279
11:29:00	10.512	7.4192	0.2315
11:29:10	10.434	7.4668	0.2279
11:29:20	10.3614	7.5132	0.2279
11:29:30	10.4037	7.465	0.2291
11:29:40	10.4852	7.4103	0.2231
11:29:50	10.5923	7.321	0.2279
11:30:00	10.6572	7.2889	0.2279

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:30:10	10.6132	7.3365	0.2207
11:30:20	10.562	7.3734	0.2279
11:30:30	10.4816	7.4311	0.2279
11:30:40	10.4549	7.4371	0.2439
11:30:50	10.4453	7.4406	0.2338
11:31:00	10.5293	7.3674	0.2207
11:31:10	10.6149	7.296	0.2207
11:31:20	10.7982	7.1645	0.2207
11:31:30	10.8899	7.1163	0.213
11:31:40	10.9506	7.0961	0.2207
11:31:50	10.947	7.1133	0.2207
11:32:00	10.9411	7.1324	0.2196
11:32:10	10.9339	7.149	0.2207
11:32:20	10.9452	7.1437	0.213
11:32:30	10.9298	7.1544	0.2047
11:32:40	11.0119	7.0788	0.213
11:32:50	11.1357	6.9883	0.1969
11:33:00	11.2904	6.8747	0.2154
11:33:10	11.3856	6.8152	0.213
11:33:20	11.3553	6.8622	0.2178
11:33:30	11.2868	6.9217	0.213
11:33:40	11.2005	6.9919	0.2267
11:33:50	11.1607	7.0151	0.2142
11:34:00	11.1184	7.0365	0.213
11:34:10	11.1624	6.9907	0.2047
11:34:20	11.241	6.9205	0.2047
11:34:30	11.3761	6.8134	0.1969
11:34:40	11.4487	6.7485	0.213
11:34:50	11.4106	6.792	0.2196
11:35:00	11.3017	6.8866	0.2094
11:35:10	11.191	6.9776	0.2047
11:35:20	11.0898	7.0371	0.2071
11:35:30	11.025	7.0883	0.2071
11:35:40	10.9833	7.102	0.2196
11:35:50	11.0768	7.0246	0.2196
11:36:00	11.2083	6.9247	0.2118
11:36:10	11.3267	6.8396	0.213
11:36:20	11.338	6.8473	0.213
11:36:30	11.3017	6.8777	0.219
11:36:40	11.2464	6.9288	0.2196
11:36:50	11.1988	6.9633	0.2207
11:37:00	11.1511	7.0104	0.2154
11:37:10	11.1113	7.0365	0.2196
11:37:20	11.0785	7.0717	0.2207



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:37:30	11.0518	7.1086	0.2267
11:37:40	10.9815	7.1925	0.2356
11:37:50	10.9375	7.2407	0.2356
11:38:00	10.9125	7.2722	0.2439
11:38:10	11.0119	7.202	0.2517
11:38:20	11.1131	7.133	0.2588
11:38:30	11.2636	7.0217	0.26
11:38:40	11.3517	6.9758	0.2517
11:38:50	11.313	7.0205	0.26
11:39:00	11.2368	7.0949	0.2588
11:39:10	11.1053	7.2079	0.2541
11:39:20	11.0482	7.2514	0.2564
11:39:30	11.044	7.2478	0.2517
11:39:40	11.1244	7.1782	0.2439
11:39:50	11.2065	7.0943	0.2517
11:40:00	11.3553	6.9752	0.2517
11:40:10	11.4451	6.9151	0.2564
11:40:20	11.4166	6.9485	0.2517
11:40:30	11.3285	7.0193	0.2517
11:40:40	11.2333	7.08	0.2439
11:40:50	11.1666	7.1228	0.2439
11:41:00	11.1357	7.1282	0.2356
11:41:10	11.1874	7.0836	0.2356
11:41:20	11.2791	7.0002	0.2356
11:41:30	11.4088	6.8943	0.2255
11:41:40	11.4166	6.9068	0.2196
11:41:50	11.3493	6.977	0.2279
11:42:00	11.1988	7.1032	0.2279
11:42:10	11.0327	7.2121	0.2279
11:42:20	10.9798	7.2329	0.2279
11:42:30	10.9678	7.221	0.2231
11:42:40	11.025	7.1639	0.2279
11:42:50	11.1452	7.0556	0.2196
11:43:00	11.2749	6.9562	0.213
11:43:10	11.3059	6.9395	0.213
11:43:20	11.2333	6.9985	0.2196
11:43:30	11.1208	7.0931	0.2196
11:43:40	11.0059	7.1627	0.2207
11:43:50	10.9262	7.2192	0.213
11:44:00	10.928	7.1972	0.2047
11:44:10	10.9774	7.1532	0.213
11:44:20	11.1053	7.0455	0.2142
11:44:30	11.2291	6.9532	0.2196
11:44:40	11.2481	6.9431	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:44:50	11.197	6.9919	0.2207
11:45:00	11.0595	7.1086	0.2207
11:45:10	10.953	7.1734	0.2207
11:45:20	10.8822	7.221	0.213
11:45:30	10.8857	7.2085	0.2207
11:45:40	10.9548	7.1437	0.213
11:45:50	11.1071	7.0264	0.213
11:46:00	11.2083	6.9538	0.213
11:46:10	11.1988	6.9776	0.213
11:46:20	11.1053	7.0532	0.213
11:46:30	10.9911	7.1294	0.213
11:46:40	10.9107	7.1812	0.2196
11:46:50	10.8726	7.1966	0.213
11:47:00	10.9054	7.1597	0.2047
11:47:10	11.0083	7.0752	0.213
11:47:20	11.1571	6.9675	0.213
11:47:30	11.2481	6.9128	0.213
11:47:40	11.1797	6.9967	0.213
11:47:50	11.0482	7.0961	0.2154
11:48:00	10.9071	7.2026	0.2207
11:48:10	10.8268	7.2532	0.2196
11:48:20	10.7524	7.3133	0.213
11:48:30	10.7715	7.277	0.1969
11:48:40	10.8518	7.1978	0.2047
11:48:50	10.9565	7.1163	0.2196
11:49:00	10.9911	7.0949	0.2207
11:49:10	10.8935	7.1782	0.2207
11:49:20	10.781	7.2609	0.2071
11:49:30	10.6745	7.3329	0.2279
11:49:40	10.6269	7.3645	0.2207
11:49:50	10.5769	7.3883	0.2207
11:50:00	10.6245	7.3383	0.2196
11:50:10	10.7274	7.249	0.2207
11:50:20	10.8268	7.1829	0.2207
11:50:30	10.8232	7.2085	0.2207
11:50:40	10.7161	7.302	0.213
11:50:50	10.6019	7.3889	0.2106
11:51:00	10.4662	7.4734	0.2047
11:51:10	10.3942	7.5233	0.213
11:51:20	10.3823	7.5192	0.2047
11:51:30	10.4531	7.4573	0.213
11:51:40	10.562	7.3722	0.2071
11:51:50	10.659	7.3121	0.2047
11:52:00	10.6286	7.3502	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:52:10	10.5388	7.4115	0.213
11:52:20	10.4608	7.487	0.2047
11:52:30	10.3918	7.5293	0.2118
11:52:40	10.3347	7.5692	0.1993
11:52:50	10.365	7.5382	0.2005
11:53:00	10.4436	7.4853	0.2082
11:53:10	10.5941	7.3722	0.213
11:53:20	10.659	7.3478	0.2207
11:53:30	10.6072	7.3978	0.213
11:53:40	10.5138	7.4745	0.213
11:53:50	10.3787	7.5751	0.213
11:54:00	10.2906	7.6323	0.2047
11:54:10	10.2507	7.6567	0.2047
11:54:20	10.3079	7.5995	0.1969
11:54:30	10.3959	7.5317	0.213
11:54:40	10.5406	7.4299	0.213
11:54:50	10.5769	7.4222	0.2279
11:55:00	10.5197	7.4888	0.2291
11:55:10	10.4299	7.562	0.2207
11:55:20	10.3097	7.6352	0.2047
11:55:30	10.268	7.659	0.2207
11:55:40	10.2281	7.6697	0.2207
11:55:50	10.3079	7.6132	0.2207
11:56:00	10.4132	7.5186	0.2207
11:56:10	10.5429	7.4394	0.2207
11:56:20	10.5275	7.4728	0.2207
11:56:30	10.4566	7.5305	0.2207

**Start Bias Calibration**

11:56:40	10.3596	7.6114	1.5324
11:56:50	6.7122	0.8813	0.3695
11:57:00	0.3302	0.3124	0.0815
11:57:10	0.16	0.2071	0.0791
11:57:20	0.122	0.1588	0.0791
11:57:30	0.1053	0.141	0.0791
11:57:40	0.0821	0.1178	0.0791
11:57:50	0.0726	0.1071	0.0791
11:58:00	0.0595	0.0916	0.0767
11:58:10	0.038	0.0773	0.0618

**Zero Bias                    0.0567            0.092            0.072533**

11:58:20	0.038	0.0773	0.063
11:58:30	0.7897	0.8397	1.411
11:58:40	12.9633	0.8194	12.6681

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:58:50	19.8793	0.1184	14.5361
11:59:00	20.1542	0.0839	14.7295
11:59:10	20.2383	0.0702	14.8051
11:59:20	20.3012	0.0613	14.8373
11:59:30	20.3335	0.0559	14.8783
11:59:40	20.3657	0.0571	14.9105
11:59:50	20.3868	0.0541	14.9355
12:00:00	20.4004	0.0505	14.9628
<b>THC Mid Bias</b>	<b>20.3843</b>	<b>0.0539</b>	<b>14.93627</b>
12:00:10	20.4191	0.0464	14.9813
12:00:20	20.4211	0.0464	13.7179
12:00:30	17.7528	3.6105	1.821
12:00:40	11.1321	6.9949	0.4421
12:00:50	10.8191	7.1716	0.3939
12:01:00	10.6286	7.3264	0.363

**Resume Run 4B**

12:01:10	10.4644	7.449	0.3386
12:01:20	10.3805	7.5007	0.3136
12:01:30	10.3555	7.518	0.2933
12:01:40	10.39	7.4817	0.2725
12:01:50	10.4566	7.4222	0.2588
12:02:00	10.5923	7.3258	0.2439
12:02:10	10.6245	7.324	0.2356
12:02:20	10.5715	7.3543	0.2279
12:02:30	10.4834	7.4204	0.2255
12:02:40	10.3519	7.5049	0.2279
12:02:50	10.287	7.5519	0.2291
12:03:00	10.243	7.5626	0.2106
12:03:10	10.3025	7.5287	0.2207
12:03:20	10.4073	7.4406	0.2291
12:03:30	10.5501	7.3418	0.2291
12:03:40	10.5656	7.3674	0.2279
12:03:50	10.4852	7.4377	0.2291
12:04:00	10.4037	7.5108	0.2279
12:04:10	10.287	7.5787	0.2356
12:04:20	10.2186	7.6233	0.2338
12:04:29	10.1996	7.6275	0.2291
12:04:40	10.2716	7.5698	0.2267
12:04:49	10.3864	7.4757	0.2207
12:04:59	10.5215	7.3924	0.2291
12:05:09	10.4989	7.4323	0.213
12:05:19	10.4132	7.4966	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:05:29	10.3269	7.5561	0.2368
12:05:39	10.2335	7.6114	0.2291
12:05:50	10.1918	7.6299	0.2356
12:05:59	10.2204	7.59	0.2356
12:06:09	10.2906	7.5347	0.2439
12:06:19	10.4376	7.4192	0.2356
12:06:30	10.5542	7.343	0.2356
12:06:39	10.5406	7.368	0.2279
12:06:49	10.4471	7.4448	0.2368
12:07:00	10.3424	7.5132	0.2279
12:07:09	10.2793	7.5531	0.2356
12:07:19	10.2472	7.571	0.2356
12:07:29	10.2757	7.5341	0.2255
12:07:40	10.384	7.4466	0.2207
12:07:49	10.5233	7.3514	0.2207
12:07:59	10.6019	7.3103	0.2207
12:08:09	10.5542	7.3668	0.2279
12:08:19	10.4989	7.4103	0.2279
12:08:29	10.3692	7.5103	0.2279
12:08:39	10.2888	7.5674	0.2315
12:08:50	10.2412	7.5864	0.2356
12:08:59	10.2775	7.5573	0.2207
12:09:09	10.384	7.4698	0.213
12:09:19	10.5275	7.3704	0.2196
12:09:29	10.581	7.3466	0.2207
12:09:39	10.5197	7.4186	0.2255
12:09:49	10.39	7.515	0.2196
12:10:00	10.2775	7.5894	0.2196
12:10:09	10.243	7.6025	0.2291
12:10:19	10.2257	7.6043	0.2279
12:10:29	10.3347	7.5049	0.2279
12:10:39	10.4471	7.4299	0.2291
12:10:49	10.5542	7.352	0.2291
12:10:59	10.5864	7.3436	0.2368
12:11:10	10.5447	7.3853	0.2356
12:11:19	10.4686	7.4466	0.2517
12:11:29	10.3864	7.5103	0.2439
12:11:39	10.3079	7.5638	0.2368
12:11:50	10.2257	7.6269	0.2368
12:11:59	10.165	7.6846	0.2517
12:12:09	10.1252	7.7179	0.2529
12:12:20	10.102	7.7566	0.2588
12:12:29	10.1228	7.7495	0.2678
12:12:39	10.2049	7.6953	0.2678

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:12:49	10.3727	7.5757	0.2666
12:13:00	10.4852	7.515	0.2725
12:13:09	10.4894	7.5489	0.2761
12:13:19	10.4186	7.6084	0.2678
12:13:29	10.3174	7.6924	0.2678
12:13:39	10.249	7.7269	0.2624
12:13:49	10.2067	7.7465	0.2749
12:13:59	10.243	7.6965	0.2666
12:14:10	10.3174	7.6358	0.2678
12:14:19	10.4566	7.5126	0.2666
12:14:29	10.5846	7.4287	0.2666
12:14:39	10.5769	7.4454	0.2624
12:14:49	10.4852	7.5222	0.26
12:14:59	10.3632	7.6132	0.2517
12:15:09	10.2966	7.6376	0.2517
12:15:20	10.2394	7.6656	0.2517
12:15:29	10.2644	7.6317	0.2517
12:15:39	10.3388	7.5638	0.2439
12:15:49	10.4894	7.4543	0.2356
12:15:59	10.5977	7.3775	0.2439
12:16:09	10.5733	7.4061	0.2416
12:16:19	10.512	7.4573	0.2356
12:16:30	10.4055	7.5352	0.238
12:16:39	10.3043	7.5936	0.2356
12:16:49	10.2739	7.6079	0.2439
12:16:59	10.287	7.5775	0.2451
12:17:10	10.3537	7.5162	0.2439
12:17:19	10.5025	7.3972	0.2356
12:17:29	10.581	7.3555	0.2356
12:17:40	10.5578	7.3859	0.2303
12:17:49	10.4471	7.4644	0.2207
12:17:59	10.3001	7.5704	0.2356
12:18:09	10.1764	7.6531	0.2207
12:18:20	10.0716	7.7239	0.2392
12:18:29	10.0847	7.6971	0.2356
12:18:39	10.1537	7.64	0.2368
12:18:49	10.3138	7.5233	0.2368
12:18:59	10.3995	7.4799	0.2368
12:19:09	10.39	7.5061	0.2368
12:19:19	10.3364	7.5406	0.2416
12:19:30	10.262	7.5912	0.2439
12:19:39	10.2013	7.6269	0.2368
12:19:49	10.121	7.668	0.2356
12:19:59	10.1496	7.6269	0.2279

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:20:09	10.224	7.5561	0.2291
12:20:19	10.3805	7.4478	0.2291
12:20:29	10.4703	7.3948	0.2368
12:20:40	10.4489	7.4269	0.2368
12:20:49	10.3918	7.4644	0.2267
12:20:59	10.3043	7.5269	0.2291
12:21:09	10.2662	7.5406	0.2315
12:21:19	10.224	7.5692	0.2451
12:21:29	10.2757	7.5162	0.2368
12:21:39	10.3519	7.4573	0.2291
12:21:50	10.4912	7.3573	0.2368
12:21:59	10.5542	7.3293	0.2368
12:22:09	10.4781	7.4002	0.2356
12:22:19	10.3977	7.4692	0.2291
12:22:30	10.2549	7.568	0.2356
12:22:39	10.1823	7.6233	0.2279
12:22:49	10.1252	7.6567	0.2368
12:23:00	10.1764	7.6043	0.2368
12:23:09	10.293	7.5126	0.2368
12:23:19	10.4245	7.4234	0.2368
12:23:29	10.4739	7.4031	0.2451
12:23:40	10.4376	7.446	0.2517
12:23:49	10.346	7.518	0.2303
12:23:59	10.2549	7.5733	0.2439
12:24:10	10.2031	7.6055	0.2439
12:24:19	10.1996	7.5954	0.2439
12:24:29	10.2966	7.5245	0.2356
12:24:39	10.4108	7.446	0.2368
12:24:50	10.556	7.3347	0.2368
12:24:59	10.5673	7.3537	0.2356
12:25:09	10.5025	7.4049	0.2463
12:25:19	10.4108	7.4734	0.2416
12:25:29	10.3061	7.5394	0.2291
12:25:39	10.2739	7.5531	0.2291
12:25:49	10.2811	7.5299	0.2356
12:26:00	10.3555	7.4704	0.2338
12:26:09	10.5007	7.3585	0.2344
12:26:19	10.6054	7.299	0.2356
12:26:29	10.6054	7.3139	0.2356
12:26:39	10.5275	7.3787	0.2356
12:26:49	10.3977	7.4799	0.2356
12:26:59	10.3097	7.5263	0.2196
12:27:10	10.249	7.5477	0.2279
12:27:19	10.2507	7.5317	0.2315

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:27:29	10.3424	7.4513	0.2279
12:27:39	10.4781	7.349	0.2231
12:27:49	10.5882	7.2841	0.2303
12:27:59	10.5542	7.3317	0.2207
12:28:09	10.4608	7.4031	0.2279
12:28:20	10.3519	7.4757	0.2196
12:28:29	10.2835	7.5162	0.213
12:28:39	10.243	7.5394	0.2071
12:28:49	10.2739	7.5049	0.213
12:29:00	10.3483	7.446	0.219
12:29:09	10.4947	7.3329	0.2255
12:29:19	10.5542	7.3133	0.2279
12:29:30	10.5102	7.3722	0.2267
12:29:39	10.4227	7.4484	0.2207
12:29:49	10.262	7.5596	0.2231
12:29:59	10.19	7.6025	0.2356
12:30:10	10.1383	7.6245	0.2356
12:30:19	10.2317	7.5436	0.2439
12:30:29	10.3442	7.4513	0.2356
12:30:39	10.4894	7.3537	0.2356
12:30:49	10.5465	7.3365	0.2356
12:30:59	10.4971	7.3758	0.2356
12:31:09	10.4513	7.4138	0.2368
12:31:20	10.3864	7.4573	0.2439
12:31:29	10.3364	7.4817	0.2356
12:31:39	10.312	7.5085	0.2315
12:31:49	10.2549	7.5537	0.2356
12:31:59	10.2317	7.565	0.2291
12:32:09	10.1746	7.6061	0.2207
12:32:19	10.1537	7.6251	0.2207
12:32:30	10.1174	7.6537	0.2178
12:32:39	10.1805	7.6102	0.213
12:32:49	10.268	7.5513	0.2231
12:32:59	10.4203	7.4436	0.2356
12:33:09	10.5007	7.4138	0.2356
12:33:19	10.512	7.4287	0.2356
12:33:29	10.5043	7.4501	0.2416
12:33:40	10.5257	7.4531	0.2439
12:33:49	10.5275	7.4585	0.2338
12:33:59	10.5179	7.4692	0.2356
12:34:09	10.5162	7.4656	0.2303
12:34:20	10.5429	7.4537	0.2356
12:34:29	10.6269	7.3787	0.2303
12:34:39	10.7369	7.2948	0.2315



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:34:50	10.9298	7.1425	0.2291
12:34:59	11.0464	7.0669	0.2291
12:35:09	11.075	7.0568	0.2356
12:35:19	11.0327	7.0919	0.2356
12:35:30	10.9661	7.1532	0.2279
12:35:39	10.9167	7.1853	0.2338
12:35:49	10.8381	7.2383	0.2219
12:35:59	10.7923	7.2597	0.2219
12:36:09	10.7923	7.2454	0.2196
12:36:19	10.7887	7.2472	0.2356
12:36:29	10.7905	7.221	0.2207
12:36:40	10.7905	7.221	0.2207
12:36:49	10.8173	7.18	0.2231
12:36:59	10.8459	7.1579	0.213
12:37:09	10.8976	7.0967	0.2047
12:37:19	11.0232	6.9973	0.2207
12:37:29	11.197	6.8568	0.2207
12:37:39	11.3225	6.7664	0.2344
12:37:50	11.3553	6.7515	0.2338
12:37:59	11.3172	6.7937	0.2356
12:38:09	11.2446	6.855	0.2368
12:38:19	11.1529	6.9217	0.2368
12:38:29	11.0994	6.9461	0.2207
12:38:39	11.1113	6.9235	0.2207
12:38:49	11.197	6.8509	0.2059
12:39:00	11.3285	6.739	0.2071
12:39:09	11.4642	6.6337	0.2047
12:39:19	11.5249	6.5956	0.2047
12:39:29	11.4927	6.6283	0.2047
12:39:40	11.4451	6.6569	0.2106
12:39:49	11.3517	6.7235	0.1993
12:39:59	11.3225	6.7348	0.2071
12:40:10	11.3267	6.7146	0.213
12:40:19	11.3951	6.6551	0.213
12:40:29	11.5136	6.5468	0.2255
12:40:39	11.6373	6.4575	0.2118
12:40:50	11.6623	6.4504	0.2291
12:40:59	11.5993	6.5021	0.2207
12:41:09	11.5249	6.5676	0.2231
12:41:19	11.3838	6.6747	0.213
12:41:29	11.3207	6.7063	0.2154
12:41:39	11.2886	6.7199	0.219
12:41:49	11.3344	6.6747	0.2207
12:42:00	11.4332	6.586	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:42:09	11.5457	6.4998	0.2291
12:42:19	11.5957	6.4765	0.2207
12:42:29	11.5403	6.5319	0.2207
12:42:39	11.4695	6.5908	0.2207
12:42:49	11.3475	6.6813	0.2267
12:42:59	11.2809	6.7199	0.2207
12:43:10	11.2481	6.7313	0.2291
12:43:19	11.3017	6.6813	0.2207
12:43:29	11.4166	6.5837	0.2207
12:43:39	11.5552	6.4795	0.2207
12:43:49	11.6165	6.4444	0.2338
12:43:59	11.5862	6.4831	0.2356
12:44:09	11.5457	6.5093	0.2356
12:44:20	11.4963	6.5521	0.2279
12:44:29	11.5023	6.5361	0.2219
12:44:39	11.5171	6.5242	0.2279
12:44:49	11.6165	6.4295	0.2207
12:45:00	11.7498	6.3212	0.2207
12:45:09	11.8819	6.2129	0.2279
12:45:19	11.9409	6.1772	0.2207
12:45:30	11.895	6.2236	0.2356
12:45:39	11.8189	6.2855	0.2255
12:45:49	11.7195	6.354	0.213
12:45:59	11.6719	6.3694	0.2207
12:46:10	11.6606	6.3635	0.2255
12:46:19	11.7195	6.3022	0.2279
12:46:29	11.8224	6.207	0.2279
12:46:40	11.9867	6.0671	0.2291
12:46:49	12.0837	5.9969	0.2279
12:46:59	12.0611	6.029	0.2315
12:47:09	11.9902	6.0826	0.2094
12:47:20	11.901	6.1552	0.213
12:47:29	11.8742	6.1552	0.2047
12:47:39	11.8605	6.1558	0.2047
12:47:49	11.9331	6.0862	0.213
12:47:59	12.0593	5.9719	0.213
12:48:09	12.2152	5.8529	0.213
12:48:19	12.2955	5.785	0.213
12:48:30	12.2902	5.8047	0.213
12:48:39	12.2212	5.8553	0.2207
12:48:49	12.1277	5.9261	0.2207
12:48:59	12.0706	5.9558	0.2279
12:49:09	12.0438	5.9707	0.2207
12:49:19	12.0932	5.9195	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:49:29	12.2021	5.8219	0.2047
12:49:40	12.3396	5.71	0.1993
12:49:49	12.3908	5.6767	0.2207
12:49:59	12.3586	5.7136	0.2207
<b>End Run 4B</b>	<b>10.73368</b>	<b>7.197285</b>	<b>0.231767</b>
12:50:09	12.3301	5.7362	0.2154
12:50:19	12.2801	5.7743	0.2291
12:50:29	12.2765	5.7707	0.2338
12:50:39	12.2557	5.7832	0.2219
12:50:50	12.3354	5.7124	0.2207
12:50:59	12.433	5.6285	0.2279
12:51:09	12.5681	5.5119	0.2219
12:51:19	12.6639	5.4577	0.2154
12:51:30	12.6163	5.5035	0.2279
12:51:39	12.536	5.5678	0.2279
12:51:49	12.4366	5.647	0.2291
12:52:00	12.3836	5.6749	0.2279
12:52:09	12.3414	5.7035	0.2338
12:52:19	12.4824	5.5553	0.2356
12:52:29	12.5758	5.4899	0.2439
12:52:40	12.8032	5.3286	0.2439
12:52:49	13.0341	5.1715	0.2493
12:52:59	13.4322	4.8864	0.2428
12:53:09	13.9172	4.5299	0.6492
12:53:19	14.1666	1.2592	0.435
12:53:29	0.6468	0.26	0.0815
12:53:39	0.2231	0.1654	0.072
12:53:50	0.1624	0.1297	0.0678
12:53:59	0.1315	0.1106	0.0654
12:54:09	0.1053	0.0999	0.0654
12:54:19	0.0993	0.0916	0.0708
12:54:29	0.0761	0.0797	0.0654
12:54:39	0.0666	0.0732	0.0654
12:54:49	0.0535	0.0648	0.0654
<b>Zero Bias</b>	<b>0.0654</b>	<b>0.072567</b>	<b>0.0654</b>
12:55:00	0.044	0.0607	0.0571
12:55:09	0.044	0.0589	0.3445
12:55:19	7.3401	4.5412	0.1374
12:55:29	9.7282	9.6265	0.0654
12:55:39	9.8312	9.7449	0.0654
12:55:49	9.8728	9.7979	0.0654
12:55:59	9.8978	9.8127	0.0666

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:56:10	9.9115	9.8609	0.0571
12:56:19	9.9264	9.8699	0.0505
12:56:29	9.9324	9.8877	0.0434
12:56:39	9.9377	9.8996	0.0422
<b>O2/CO2 Bias</b>	<b>9.932167</b>	<b>9.885733</b>	<b>0.045367</b>
12:56:50	9.9401	9.8955	0.4201
12:56:59	11.8456	6.7396	9.3366
12:57:09	19.7383	0.4844	14.695
12:57:20	20.2096	0.2844	14.9045
12:57:29	20.2856	0.2106	14.9575
12:57:39	20.3279	0.1708	14.9747
12:57:49	20.3546	0.141	14.9825
12:58:00	20.3793	0.0993	14.9962
<b>THC Bias</b>	<b>20.35393</b>	<b>0.137033</b>	<b>14.98447</b>
12:58:09	20.3909	0.0916	15.0063
12:58:19	20.4019	0.0809	15.0063
12:58:29	20.41	0.0726	15.0063
12:58:39	20.41	0.0726	15.0063

# Unit 4 - Run 1

**Project Name** Veolia Sauget  
**Project Number** 40942525  
**Facility** Comprehensive Performance Test - Unit 4

Sample Type	M5	Mod M26A	M29	M0023A	Averages
Source	Unit 4	Unit 4	Unit 4	Unit 4	
Condition	1	1	1	1	
Run	1A	1B	1B	1B	
Date	10/23/2013	10/23/2013	10/23/2013	10/23/2013	
Time Start	09:30	12:36	12:36	12:36	
Time Stop	10:42	13:36	15:20	15:50	
	09:30-10:42	12:36-13:36	12:36-15:20	12:36-15:50	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.99	3.99	3.99	3.99	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.301	0.300	0.298	0.297	
DGMCF	0.999	1.011	0.999	1.002	
Standard Temperature (°F)	68	68	68	68	
Barometric Pressure Measured (" Hg)	29.82	29.82	29.82	29.82	
Stack Elevation (ft) <i>(relative to Barometer)</i>	75	75	75	75	
Barometric Pressure ("Hg)	29.745	29.745	29.745	29.745	
Average Stack Temperature (°F)	374.3	377.3	370.6	369.6	373.0
Average DGM Temp (°F)	46.9	51.3	59.1	59.3	
Average Delta H (in wc)	1.24	1.44	1.20	1.18	
Condensed Water (g)	525.5	553.9	1062.1	1515.5	
Test Duration (minutes)	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	-0.43	-0.43	-0.43	-0.43	
Carbon Monoxide (CO) Content (%)	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	5.59	5.86	5.86	5.86	
Oxygen (O <sub>2</sub> ) Content (%)	12.22	12.27	12.27	12.27	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.19	81.87	81.87	81.87	
Meter Volume (acf)	36.796	38.342	75.082	109.060	
Average square root of ΔP ((√ΔP) <sub>avg</sub> )	0.755	0.789	0.752	0.726	
Absolute Stack Pressure ("Hg)	29.71	29.71	29.71	29.71	
Absolute Stack Temperature (°R)	834.3	837.3	830.6	829.6	833.0
Flue Gas Moisture (%)	39.39	39.58	39.74	39.25	39.49
Moisture at saturation	N/A	N/A	N/A	N/A	
Moisture used in Calculation	39.39	39.58	39.74	39.25	39.49
Gas Molecular Weight (Wet) (g/g-mole)	24.90	24.91	24.89	24.94	
Corrected Volume of Gas sampled (acf)	36.759	38.764	75.007	109.278	
Volume at Meter (dscf)	38.181	39.935	76.068	110.791	
Average Gas Velocity (ft/sec)	57.55	60.30	57.26	55.12	57.56
Avg Flow Rate (acfh)	2,596,510	2,720,681	2,583,681	2,487,284	2,597,039
Avg Flow Rate (acfm)	43,275	45,345	43,061	41,455	43,284
Avg Flow Rate (scfh)	1,631,830	1,703,741	1,631,016	1,572,135	1,634,681
Avg Flow Rate (scfm)	27,197	28,396	27,184	26,202	27,245
Avg Flow Rate (dscfh)	988,991	1,029,434	982,899	955,126	989,113
Avg Flow Rate (dscfm)	16,483	17,157	16,382	15,919	16,485
Isokinetic Sampling Rate (%)	97.92	99.05	100.13	100.73	

**Project Name**  
**Project Number**  
**Facility**

**Veolia Sauget**  
**40942525**

**Comprehensive Performance Test - Unit 4**

	M5	Mod M26A	M29	M0023A	Averages
Sample Type	Unit 4	Unit 4	Unit 4	Unit 4	
Source	1	1	1	1	
Condition	2A	2B	2B	2B	
Run	10/24/2013	10/24/2013	10/24/2013	10/24/2013	
Date	09:35	12:35	12:35	12:35	
Time Start	10:40	13:35	15:15	15:45	
Time Stop	09:35-10:40	12:35-13:35	12:35-15:15	12:35-15:45	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.99	3.99	3.99	3.99	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.301	0.300	0.298	0.297	
DGMCF	0.999	1.011	0.999	1.002	
Standard Temperature (°F)	68	68	68	68	
Barometric Pressure Measured (" Hg)	29.94	29.94	29.94	29.94	
Stack Elevation (ft) (relative to Barometer)	75	75	75	75	
Barometric Pressure ("Hg)	29.865	29.865	29.865	29.865	
Average Stack Temperature (°F)	373.7	376.8	369.5	369.9	372.5
Average DGM Temp (°F)	45.3	46.1	51.0	52.1	
Average Delta H (in wc)	1.28	1.40	1.22	1.17	
Condensed Water (g)	526.1	522.2	1017.2	1481.0	
Test Duration (minutes)	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	-0.57	-0.57	-0.57	-0.57	
Carbon Monoxide (CO) Content (%)	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	5.38	5.74	5.74	5.74	
Oxygen (O <sub>2</sub> ) Content (%)	12.54	12.37	12.37	12.37	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.07	81.89	81.89	81.89	
Meter Volume (acf)	37.617	37.165	74.024	109.077	
Average square root of ΔP (( $\Delta P$ ) <sub>avg</sub> )	0.770	0.761	0.762	0.731	
Absolute Stack Pressure ("Hg)	29.82	29.82	29.82	29.82	
Absolute Stack Temperature (°R)	833.7	836.8	829.5	829.9	832.5
Flue Gas Moisture (%)	38.72	38.58	38.57	38.27	38.54
Moisture at saturation	N/A	N/A	N/A	N/A	
Moisture used in Calculation	38.72	38.58	38.57	38.27	38.54
Gas Molecular Weight (Wet) (g/g-mole)	24.96	25.01	25.01	25.04	
Corrected Volume of Gas sampled (acf)	37.579	37.574	73.950	109.295	
Volume at Meter (dscf)	39.323	39.264	76.498	112.803	
Average Gas Velocity (ft/sec)	58.49	57.91	57.72	55.32	57.36
Avg Flow Rate (acfh)	2,639,329	2,613,020	2,604,612	2,495,903	2,588,216
Avg Flow Rate (acfm)	43,989	43,550	43,410	41,598	43,137
Avg Flow Rate (scfh)	1,666,196	1,643,509	1,652,455	1,582,824	1,636,246
Avg Flow Rate (scfm)	27,770	27,392	27,541	26,380	27,271
Avg Flow Rate (dscfh)	1,021,055	1,009,467	1,015,044	977,032	1,005,650
Avg Flow Rate (dscfm)	17,018	16,824	16,917	16,284	16,761
Isokinetic Sampling Rate (%)	97.68	99.31	97.51	100.26	

**Project Name**  
**Project Number**  
**Facility**

**Veolia Sauget**  
**40942525**

**Comprehensive Performance Test - Unit 4**

Sample Type	M5	M5	Mod M26A	M29	M0023A	Averages
Source	Unit 4	Unit 4	Unit 4	Unit 4	Unit 4	
Condition	1	1	1	1	1	
Run	3A	4A	3B	3B	3B	
Date	10/25/2013	10/25/2013	10/25/2013	10/25/2013	10/25/2013	
Time Start	09:35	10:50	13:35	13:35	13:35	
Time Stop	10:40	11:55	14:35	16:11	16:41	
	09:35-10:40	10:50-11:55	13:35-14:35	13:35-16:11	13:35-16:41	
Duct Diameter (ft) <i>(equivalent if square duct)</i>	3.99	3.99	3.99	3.99	3.99	
Pitot Tube Correction Factor	0.84	0.84	0.84	0.84	0.84	
Nozzle Diameter (inches)	0.300	0.298	0.300	0.298	0.297	
DGMCF	1.002	0.999	1.011	0.999	1.002	
Standard Temperature (°F)	68	68	68	68	68	
Barometric Pressure Measured (" Hg)	30.18	30.18	30.18	30.18	30.18	
Stack Elevation (ft) <i>(relative to Barometer)</i>	75	75	75	75	75	
Barometric Pressure ("Hg)	30.105	30.105	30.105	30.105	30.105	
Average Stack Temperature (°F)	372.1	374.2	378.1	372.8	373.7	374.2
Average DGM Temp (°F)	49.5	51.3	64.4	69.9	65.8	
Average Delta H (in wc)	1.33	1.08	1.27	1.27	1.31	
Condensed Water (g)	531.3	508.8	507.5	1073.7	1578.9	
Test Duration (minutes)	60	60	60	120	180	
Static Pressure ("H <sub>2</sub> O)	-0.57	-0.57	-0.57	-0.57	-0.57	
Carbon Monoxide (CO) Content (%)	0	0	0	0	0	
Carbon Dioxide (CO <sub>2</sub> ) Content (%)	5.45	5.71	5.96	5.96	5.96	
Oxygen (O <sub>2</sub> ) Content (%)	12.48	12.11	12.00	12.00	12.00	
Hydrogen (H <sub>2</sub> ) Content (%)	0.0	0.0	0.0	0.0	0.0	
Methane (CH <sub>4</sub> ) Content (%)	0.0	0.0	0.0	0.0	0.0	
Nitrogen (N <sub>2</sub> ) Content (%)	82.07	82.18	82.04	82.04	82.04	
Meter Volume (acf)	37.866	35.322	36.047	76.490	113.498	
Average square root of ΔP ((ΔP) <sub>avg</sub> )	0.758	0.719	0.720	0.765	0.752	
Absolute Stack Pressure ("Hg)	30.06	30.06	30.06	30.06	30.06	
Absolute Stack Temperature (°R)	832.1	834.2	838.1	832.8	833.7	834.2
Flue Gas Moisture (%)	38.73	39.53	39.29	39.75	39.28	39.32
Moisture at saturation	N/A	N/A	N/A	N/A	N/A	
Moisture used in Calculation	38.73	39.53	39.29	39.75	39.28	39.32
Gas Molecular Weight (Wet) (g/g-mole)	24.97	24.89	24.94	24.89	24.94	
Corrected Volume of Gas sampled (acf)	37.942	35.287	36.444	76.414	113.725	
Volume at Meter (dscf)	39.691	36.759	37.034	76.846	115.284	
Average Gas Velocity (ft/sec)	57.35	54.52	54.66	57.94	56.95	56.28
Avg Flow Rate (acfh)	2,587,583	2,459,876	2,466,123	2,614,514	2,569,711	2,539,562
Avg Flow Rate (acfm)	43,126	40,998	41,102	43,575	42,829	42,326
Avg Flow Rate (scfh)	1,649,808	1,564,467	1,561,110	1,665,478	1,635,247	1,615,222
Avg Flow Rate (scfm)	27,497	26,074	26,018	27,758	27,254	26,920
Avg Flow Rate (dscfh)	1,010,809	946,051	947,751	1,003,393	992,988	980,198
Avg Flow Rate (dscfm)	16,847	15,768	15,796	16,723	16,550	16,337
Isokinetic Sampling Rate (%)	100.26	100.55	99.77	99.09	100.82	

Sample Type - <b>Particulate Matter (Method 5)</b>	Date <b>10/23/13</b>	Filter No. <b>PK2500</b>	Page <b>1</b> of <b>1</b>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <b>1</b>		<b>Train Leak Rate (cfm @ "Hg)</b>
Project Number: <b>40942525.20-02</b>	Run: <b>1 A</b>	Nozzle ID <b>---</b>	Initial <b>0.002 @ 15"</b>
Facility: <b>Kiln - Unit 4</b>	Console ID <b>A161401</b>	Nozzle Dia (in) <b>0.301</b>	Final <b>0.002 @ 10"</b>
Source: <b>Stack</b>	DGMCF <b>0.999</b>	Barometer ID <b>BP-2</b>	Pitot Tube ID <b>P-302</b>
Operator: <b>NMP</b>	$\Delta H@$ <b>1.649</b>	Bar. Press. ("Hg) <b>29.82</b>	PTCF <b>0.84</b>
Duct Dimension(s) <b>47 15/16</b>	Kf <b>2.14</b>	Stat. Press. ("H <sub>2</sub> O) <b>-0.43</b>	<b>Pitot Tube Leak Check</b>
Nozzle Calibration		Elevation (ft) <b>75'</b> (relative to Barometer) <b>80'</b>	Initial <b>(+) OK @ 4.2" (-) OK @ 5.2"</b>
Caliper ID <b>700903</b>			Final <b>(+) OK @ 5.8" (-) OK @ 5.6"</b>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ (in. H <sub>2</sub> O)	$\Delta H$ (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
NE6	9:30	329.069	0.55	1.20	370	245	249	43	-	44	5
NE5	9:35	331.80	0.63	1.35	373	252	250	41	-	46	5
NE4	9:40	335.08	0.66	1.40	373	252	254	40	-	46	5
NE3	9:45	338.35	0.63	1.35	373	252	251	41	-	47	5
NE2	9:50	342.65	0.58	1.25	373	248	249	42	-	46	5
NE1	9:55	344.78	0.40	0.86	373	250	249	44	-	46	5
PORT CHANGE	10:00	347.395									
			Before = 0.004 @ 10"			After = 0.004 @ 10"					
SE6	10:12	347.735	0.58	1.30	374	252	249	46	-	47	5
SE5	10:17	350.90	0.65	1.40	379	255	249	43	-	48	5
SE4	10:22	353.95	0.64	1.40	377	258	250	43	-	48	5
SE3	10:27	357.24	0.63	1.35	377	256	249	43	-	48	5
SE2	10:32	360.49	0.55	1.20	377	258	250	46	-	49	5
SE1	10:37	363.63	0.38	0.81	373	254	247	47	-	48	5
STOP	10:42	366.205									

Comments:

SDS-26: PM by EPA Method 5  
Per EM SOP-015  
Revision Date: February 2012  
Reviewed: 23 February 2013



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/23/13  
 Source Unit 4 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. 1A  
 Balance ID TE4101A  
 Recovered by KMM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
12	Water	100	Mod	800.6	735.4
13	Water	100	G/S	776.1	763.1
14	Empty	--	Mod	651.8	649.3
15	Silica Gel	~ 300g	Mod	955.9	947.3
16	Empty	KSM	KO	1038.2	602.0
6					

## Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>1A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>1A</u> -M5-Filt	Petri Dish	Filter

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 15 % spent
- Log samples into logbook and store appropriately.

Comments


RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)		Date <u>10/23/13</u>	Filter No. _____	Page <u>1</u> of <u>1</u>
Project Name: <u>Veolia - Sauget, IL</u>		Condition: <u>1</u>		Sampling Train Leak Rate (cfm @ "Hg)
Project Number: <u>40942525.20-02</u>		Run: <u>1 B</u>	Nozzle ID _____	Initial <u>0.002 @ 10"</u>
Facility: <u>Kiln - Unit 4</u>		Console ID <u>A161395</u>	Nozzle Dia (in) <u>0.300</u>	Final <u>0.002 @ 10"</u>
Source: <u>Stack</u>		DGMCF <u>1.011</u>	Barometer ID <u>BP-2</u>	Pitot Tube ID <u>P529</u>
Operator <u>EH</u>		$\Delta H@$ <u>1.824</u>	Bar. Press. ("Hg) <u>29.82</u>	PTCF <u>0.84</u>
Duct Dimension(s) <u>47 15/16" ID</u>		Kf <u>2.30</u>	Stat. Press. ("H <sub>2</sub> O) <u>-0.43</u>	Pitot Tube Leak Check
Nozzle Calibration		Meter Elevation (ft) (relative to Barometer) <u>75</u>		Initial (+) <input checked="" type="checkbox"/> (-) <input checked="" type="checkbox"/>
Caliper ID <u>700903</u>				Final (+) <input checked="" type="checkbox"/> (-) <input checked="" type="checkbox"/>

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	$\Delta P$ ("H <sub>2</sub> O)	$\Delta H$ ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
SC	1236	585.538	0.63	1.4	378	267	261	48	50	4
SC	1241	588.6	0.67	1.5	376	266	261	42	50	5
SC	1246	591.9	0.60	1.4	379	267	262	40	50	5
SC	1251	595.0	0.6	1.4	380	266	262	42	51	5
SC	1256	598.1	0.59	1.4	380	267	261	43	50	5
SC	1301	601.2	0.65	1.5	379	268	261	44	51	5
SC	1306	604.4	0.60	1.4	379	273	262	46	51	6
SC	1311	607.6	0.66	1.6	378	266	263	47	52	6
SC	1316	611.0	0.62	1.4	376	265	264	49	53	6
SC	1321	614.2	0.61	1.4	372	261	263	49	53	5.5
SC	1326	617.4	0.63	1.5	375	265	262	51	53	5.5
SC	1331	620.6	0.62	1.4	376	266	263	52	52	6
STOP	1336	623.880								

Project Name Veolia - Sauget, IL  
 Project Number 40942525.20-02  
 Date 10/23/13  
 Source Unit 4 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 1B  
 Balance ID TE4101A  
 Recovered by KMM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	1070.2	630.5
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	830.5	758.3
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	781.1	755.5
4	0.1 N NaOH	100	Mod	724.1	718.3
5	0.1 N NaOH	100	Mod	745.6	743.6
6	Silica Gel	~ 300g	Mod	944.4	935.8

<sup>a</sup>this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 40% spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
VS4-STK-1- <u>1B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS4-STK-1- <u>1B</u> -M26A-AIkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


Sample Type - Multi Metals (Method 29)		Date	10/23/13	X		Page 1 of 1	
Project Name: Veolia - Sauget, IL		Condition:	1			Sampling Train Leak Rate (cfm@10")	
Project Number: 40942525.20-02		Run:	1 B	Nozzle ID	Initial 0.006 @ 10"		
Facility: Kiln - Unit 4		Console ID	A161401	Nozzle Dia (in)	Final 0.006 @ 10"		
Source: Stack		DGMCF	0.999	Barometer ID	BP-2 Pitot Tube ID 5-19		
Operator NMP		ΔH@	1.649	Bar. Press. ("Hg)	PTCF 0.84		
Duct Dimension(s) 47' 15/16"		KF	2.12	Stat. Press. ("H <sub>2</sub> O)	-0.43 Pitot Tube Leak Check		
Nozzle Calibration		Elevation (ft) (relative to Barometer)		Initial (+) OK 4.6' (-) OK 6.6'			
Caliper ID 700903		0.298 0.298 0.297		Final (-) OK 5.3' (-) OK 6.1'			

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					DGM In	Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM In		
SE6	12:36	366.569	0.62	1.30	372	249	252	49	42.54	4	
SE6	12:41	369.74	0.62	1.30	372	253	254	45	54	4	
SE5	12:46	373.00	0.67	1.40	375	252	253	44	55	4	
SE5	12:51	376.35	0.65	1.35	375	254	253	45	55	4	
SE4	12:56	379.69	0.67	1.40	376	256	251	46	55	4	
SE4	13:01	382.90	0.69	1.50	376	257	251	47	56	4	
SE3	13:06	386.27	0.62	1.30	375	261	245	47	57	5	
SE3	13:11	389.61	0.63	1.30	376	254	250	48	57	5	
SE2	13:16	392.95	0.55	1.15	373	256	255	49	58	4	
SE2	13:21	396.07	0.53	1.10	369	254	250	50	59	4	
SE1	13:26	399.09	0.55	1.10	378	253	250	50	59	3	
SE1	13:31	406.35	0.35	0.75	360	257	251	50	59	3	
CHANGE	13:36	403.887									
		Before :	0.006	@ 10"	After :	0.006	@ 10"				
NE6	14:20	404.186	0.58	1.35	373	255	253	48	61	4	
NE6	14:25	407.36	0.61	1.30	374	251	254	42	62	4	
NE5	14:30	410.61	0.63	1.30	374	259	251	42	61	5	
NE5	14:35	413.96	0.63	1.30	373	262	250	43	61	5	
NE4	14:40	417.34	0.63	1.30	373	255	254	44	62	5	
NE4	14:45	420.75	0.62	1.30	375	257	252	44	61	5	
NE3	14:50	424.13	0.63	1.30	373	260	250	44	61	5	
NE3	14:55	427.57	0.63	1.30	376	258	252	45	62	5	
NE2	15:00	430.94	0.63	1.30	378	257	251	45	62	5	
NE2	15:05	434.34	0.57	1.20	374	256	250	46	62	5	
NE1	15:10	437.28	0.31	0.65	354	254	251	46	63	4	
NE1	15:15	439.64	0.31	0.65	344	256	251	46	63	4	
STOP	15:20	441.950									

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.20-02  
 Date 10/23/13  
 Source Unit 4 Stack

Condition No. 1  
 Run No. 1B  
 Balance ID TE4101A  
 Recovered by KAWA

# Multi-Metals No Determination of PM EPA Method 29

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	1	-	K/O	1916.3	976.7
2	Nitric/Peroxide	100	Mod	866.3	778.3
3	Nitric/Peroxide	100	S/G	784.3	766.7
4	-	-	Mod	633.8	632.1
5	KMnO <sub>4</sub> Soln	100	Mod	756.6	755.1
6	KMnO <sub>4</sub> Soln	100	Mod	760.2	759.8
7	Silica Gel	~ 300g	Mod	910.1	898.3 896.8

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
VS4-STK-1 <u>1B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS4-STK-1 -M29-Filt	Petri Dish	Filter
VS4-STK-1 -M29-NI	1000 ml	Nitric Impinger
VS4-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
VS4-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
VS4-STK-1 -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 5 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments


Sample Type - PCDD/PCDF (Method 0023A)	Date 10-23-13	Train Leak Rate (cfm @ "Hg)	
Project Name: Veolia - Sauget, IL	Condition: 1		
Project Number: 40942525.20-02	Run: 1 B	Nozzle ID	Initial 0.003 @ 15"
Facility: Kiln - Unit 4	Console ID A161399	Nozzle Dia (in) 0.297	Final 0.004 @ 15"
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID 5-03
Operator	ΔH@ 1.790	Bar. Press. ("Hg) 29.82	PTCF 0.84
Duct Dimension(s) $13/210 \cdot 47 \times 15 \cdot 47 \frac{15}{16}$	Kf 2.13	Stat. Press. ("H <sub>2</sub> O) -0.43	Pitot Tube Leak Check
Nozzle Calibration	Elevation (ft) (relative to Barometer) 75	Initial (+) OK @ 73	(-) OK @ 73
Caliper ID 700903	0.296 0.298 0.296	Final (+) OK @ 73	(-) OK @ 73

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
NE-1	12:36	358.060	0.32	0.70	339	257	261	40	46	60	244	4.0
	12:41	360.60	0.32	0.70	337	255	263	43 <sup>39</sup>	39 <sup>43</sup>	60	244	5.0
	12:46	363.10	0.37	0.84	345	254	264	41	41	59	244	5.0
NE-2	12:51	365.50	0.55	1.3	371	255	263	40	42	59	244	7.5
	12:56	368.58	0.55	1.3	375	259	262	39	43	59	251	7.5
	13:01	372.10	0.59	1.3	375	257	261	39	40	59	251	7.5
NE-3	13:06	375.45	0.62	1.3	376	255	263	43	41	60	251	7.5
	13:11	378.70	0.62	1.3	376	255	263	43	41	60	251	7.5
	13:16	381.30	0.58	1.2	373	257	261	43	41	60	251	7.0
NE-4	13:21	385.00	0.64	1.3	371	255	261	43	41	60	251	7.0
	13:26	388.50	0.64	1.3	372	256	263	44	42	60	250	7.0
	13:31	390.59	0.64	1.3	373	257	263	42	44	60	250	7.0
NE-5	13:36	393.75	0.61	1.3	377	255	262	45	42	61	250	7.0
	13:41	397.10	0.60	1.3	375	261	266	45	42	61	250	7.0
	13:46	400.10	0.60	1.3	374	262	263	46	43	60	250	7.0
NE-6	13:51	403.20	0.59	1.3	372	260	262	47	44	61	250	7.5
	13:56	406.42	0.59	1.3	373	263	263	47	44	61	250	7.5
	14:01	409.81	0.59	1.3	372	260	262	46	48	62	250	7.5
Stop	14:06	413.037		0.064 @ 11"			0.004 @ 11"					
SE-1	14:20	413.246	0.36	0.84	356	258	265	47	50	62	250	5.5
	14:25	416.50	0.33	0.84	357	256	260	44	50	61	250	5.5
	14:30	418.55	0.32	0.70	356	257	261	43	50	61	250	5.5
SE-2	14:35	421.60	0.50	1.1	370	257	260	43	42	61	250	7.0
	14:40	425.00	0.50	1.1	370	257	260	43	42	61	250	7.0
	14:45	425.53	0.50	1.1	370	257	260	43	42	61	250	7.0
SE-3	14:50	429.54	0.56	1.3	372	258	264	44	44	59	250	7.5
	14:55	432.70	0.56	1.3	374	255	261	45	46	59	250	7.5
	15:00	435.84	0.60	1.3	377	259	262	46	41	58	250	8.0
SE-4	15:05	439.10	0.58	1.3	377	257	265	47	49	50	250	8.0
	15:10	442.30	0.58	1.3	377	257	265	47	49	50	250	8.0

Notes: Unit 4

Project Name Veolia - Sauget, IL  
 Project Number 40942525.20-02  
 Date \_\_\_\_\_  
 Source Unit 4 Stack

# Dioxins and Furans

## SW-846 - Method 0023A

Condition No. 1  
 Run No. 1B  
 Balance ID TE1101A  
 Recovered by NMP

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	2424.5	938.7
2	H <sub>2</sub> O	~100	G/S	725.4	725.9
3	H <sub>2</sub> O	~100	Mod	721.4	721.6
4	Silica Gel	~300g	Mod	1023.7	993.3
5					
6					

### Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>1B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1 -M0023A-Filt	Petri Dish	Filter
VS4-STK-1 -M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1 -M0023A-XAD	Sorbent Trap	XAD Sorbent

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 10 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments

Sample Type - PCDD/PCDF (Method 0023A)	Date 10-23-13	X	Page 2 of 2
Project Name: Veolia - Sauget, IL	Condition: 1		Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.20-02	Run: 1 B	Nozzle ID -	Initial @
Facility: Kiln - Unit 4	Console ID A161399	Nozzle Dia (in) 0.297	Final @
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID
Operator MB	ΔH@ 1.790	Bar. Press. ("Hg) 29.82	PTCF
Duct Dimension(s) 41" x 116"	Kf 2.13	Stat. Press. ("H <sub>2</sub> O) -0.43	Pitot Tube Leak Check 5000
Nozzle Calibration	Elevation (ft) (relative to Barometer) 75		
Caliper ID 700903	0.296	0.298	Final (+) (-)

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HTrc Exit	
	15:15	445.34	0.57	1.3	373	259	262	54	54	58	250	8.0
SE-5	15:20	448.55	0.57	1.3	379	258	262	57	58	58	250	8.0
	15:25	451.80	0.53	1.2	373	261	262	57	58	58	250	8.0
	15:30	454.93	0.53	1.2	373	261	263	47	53	58	251	8.0
SE-6	15:35	458.20	0.52	1.2	375	261	266	47	52	58	251	8.0
	15:40	460.99	0.52	1.2	375	261	266	47	52	58	251	8.0
	15:45	464.5	0.52	1.2	375	261	266	46	51	60	20	7.5
stop	15:50	467.329										



Project Name Veolia - Sauget, IL  
 Project Number 40942525.20-02  
 Date 10/23/13  
 Source Unit 4 Stack

# Dioxins and Furans

## SW-846 - Method 0023A

Condition No. 1  
 Run No. 18  
 Balance ID TE4101A  
 Recovered by NMP

SEE Page

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O		
2	H <sub>2</sub> O	~100	G/S		
3	H <sub>2</sub> O	~100	Mod		
4	Silica Gel	~300g	Mod		
5					
6					


### Sample Recovery Checklist

- \_\_\_ Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- \_\_\_ Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filtr sample label.
- \_\_\_ Seal XAD trap ends. Complete XAD sample label.
- \_\_\_ Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- \_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- \_\_\_ Note condition of the silica gel impinger. \_\_\_ % spent
- \_\_\_ Rinse the back half of the filter holder, Teflon transfer line (if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- \_\_\_ Log samples into log book and place in refrigerator or ice chest.

### Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1_18-M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1-M0023A-Filt	Petri Dish	Filter
VS4-STK-1-M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1-M0023A-XAD	Sorbent Trap	XAD Sorbent

### Comments


Sample Type - <b>Particulate Matter (Method 5)</b>	Date <u>10/24/13</u>	Filter No. <u>PK2499</u>	Page <u>1</u> of <u>1</u>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <b>1</b>		<b>Train Leak Rate (cfm @ "Hg)</b>
Project Number: <b>40942525.20-02</b>	Run: <u>2A</u>	Nozzle ID <u>-</u>	Initial <u>0.002 @ 10"</u>
Facility: <b>Kiln - Unit 4</b>	Console ID <u>A161401</u>	Nozzle Dia (in) <u>0.301</u>	Final <u>0.001 @ 10"</u>
Source: <b>Stack</b>	DGMCF <u>0.999</u>	Barometer ID <u>BP-2</u>	Pitot Tube ID <u>P.302</u>
Operator: <u>NMP</u>	$\Delta H@$ <u>1.649</u>	Bar. Press. ("Hg) <u>29.94</u>	PTCF <u>0.84</u>
Duct Dimension(s) <u>47' 1 1/16"</u>	Kf <u>2.14</u>	Stat. Press. ("H <sub>2</sub> O) <u>-0.43</u>	<b>Pitot Tube Leak Check</b>
Nozzle Calibration		Elevation (ft) <u>75'</u>	Initial (+) <u>OK @ 3"</u> (-) <u>OK @ 3"</u>
Caliper ID <u>700903</u>		(relative to Barometer) <u>75'</u>	Final (+) <u>OK @ 3"</u> (-) <u>OK @ 3"</u>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ (in. H <sub>2</sub> O)	$\Delta H$ (in. H <sub>2</sub> O)	Temperature (°F)						Vacuum (in. Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	DGM Out	
NE6	9:30	442.241	0.61	1.35	372	251	258	41	-	44	5
NE5	9:40	445.44	0.65	1.40	373	249	258	38	-	45	5
NE4	9:45	448.70	0.64	1.40	373	248	258	41	-	45	5
NE3	9:50	451.97	0.66	1.40	374	248	256	40	-	45	5
NE2	9:55	455.25	0.61	1.30	376	248	253	41	-	45	5
NE1	10:00	458.44	0.41	0.88	369	244	258	42	-	45	4
CHANGE	10:05	461.043	Before: 0.004 @ 16"		After: 0.004 @ 16"						
SE6	10:10	461.201	0.59	1.25	373	247	255	42	-	45	5
SE5	10:15	464.25	0.69	1.45	377	251	253	42	-	46	5
SE4	10:20	467.57	0.68	1.45	375	250	256	43	-	46	5
SE3	10:25	470.93	0.64	1.40	374	249	254	44	-	45	5
SE2	10:30	474.24	0.59	1.25	378	249	255	45	-	46	5
SE1	10:35	477.48	0.39	0.83	370	248	254	45	-	46	4
STOP	10:40	479.966									

Comments: At about 10:45am I took the pm probe out and chipped end of the nozzle against the part. Did not occur during run occurred when I took the probe out. mjb 10/24/13 NMP 10/24/13

SDS-26: PM by EPA Method 5  
Per EM SOP-015  
Revision Date: February 2012  
Reviewed: February 2013

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.20-02  
 Date 10/24/13  
 Source Unit 4 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. 2A  
 Balance ID TE4101A  
 Recovered by KMM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
22	Water	100	Mod	794.0	735.9
23	Water	100	G/S	786.7	775.9
24	Empty	--	Mod	653.8	651.7
25	Silica Gel	~ 300g	Mod	962.8	955.8
31	Empty	1-	KO	1050.3	602.2
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 20 % spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
V54-STK-1 <u>2A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
V54-STK-1 <u>2A</u> -M5-Filt	Petri Dish	Filter

Comments
<u>Upon Recovery - Nozzle Tip Chipped.</u>
<u>Nozzle Breaker at Probe END</u>
<u>Glass observed in filter - FY</u>

RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013

Sample Type: HCl, Cl <sub>2</sub> (Modified EPA Method 26A)	Date 10/24/2013	Filter No.	Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1		Sampling Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.20-02	Run: 2 B	Nozzle ID 0.300	Initial 0.005 @ 15"
Facility: Kiln - Unit 4	Console ID A161395	Nozzle Dia (in) 0.299	Final 0.003 @ 7"
Source: Stack	DGMCF 1.011	Barometer ID BP-2	Pitot Tube ID P-629 P-529
Operator EY	ΔH@ 1.824	Bar. Press. ("Hg) 29.94	PTCF 0.84
Duct Dimension(s) 47" x 116"	Kf 2.25	Stat. Press. ("H <sub>2</sub> O) -0.57	Pitot Tube Leak Check
Nozzle Calibration		Meter Elevation (ft) (relative to Barometer) 75	Initial (+) 0.073 (-) 0.073
Caliper ID 700903	0.301 0.299 0.300		Final (+) 0.073 (-) 0.073

Point	Clock Time	DGM Reading (ft <sup>2</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM	
SC	1235	627.377	0.57	1.4	375	258	259	40	44	4
SC	1240	627.6	0.54	1.4	376	261	256	45	44	4
SC	1245	630.6	0.54	1.3	377	260	259	44	45	3.5
SC	1250	633.6	0.59	1.4	377	260	260	44	47	3.5
SC	1255	636.7	0.62	1.4	376	261	259	45	45	3
SC	1300	639.9	0.56	1.4	377	258	265	50	46	3
SC	1305	642.8	0.60	1.4	377	260	261	45	47	3
SC	1310	646.0	0.63	1.5	377	260	260	44	48	3
SC	1315	649.2	0.58	1.4	377	261	260	43	48	3
SC	1320	652.3	0.58	1.4	378	260	260	44	46	3
SC	1325	655.5	0.58	1.4	378	260	261	45	46	3
SC	1330	658.5	0.57	1.4	376	263	259	45	47	3
Stop	1335	661.542								

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date \_\_\_\_\_  
 Source Unit 4 Stack

# HCl/Cl<sub>2</sub> EPA Method 26A

Condition No. 1  
 Run No. \_\_\_\_\_  
 Balance ID \_\_\_\_\_  
 Recovered by \_\_\_\_\_

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	1093.5	629.1
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	798.6	754.5
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	758.4	754.1
4	0.1 N NaOH	100	Mod	719.1	717.9
5	0.1 N NaOH	100	Mod	744.0	743.2
6	Silica Gel	~ 300g	Mod	1005.6	998.2

<sup>a</sup>this impinger optional, per Method 26A

## Sample Recovery Checklist

- \_\_\_\_\_ (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- \_\_\_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- \_\_\_\_\_ Note condition of the silica gel impinger. 90% spent
- \_\_\_\_\_ Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- \_\_\_\_\_ Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- \_\_\_\_\_ Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1____-M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS4-STK-1____-M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


Sample Type - PCDD/PCDF (Method 0023A)	Date 10-24-2013	X	Page 1 of 2
Project Name: Veolia - Sauget, IL	Condition: 1		Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.20-02	Run: 2 B	Nozzle ID —	Initial 0.003 @ 15"
Facility: Kiln - Unit 4	Console ID A161399	Nozzle Dia (in) 0.297	Final 0.005 @ 15"
Source: Stack	DGMCF 1.002	Barometer ID 8P-2	Pitot Tube ID 5-03
Operator MIB	AH@ 1.790	Bar. Press. ("Hg) 29.94	PTCF 0.84
Duct Dimension(s) 47" x 16"	Kf 2.06	Stat. Press. ("H <sub>2</sub> O) -0.57	Pitot Tube Leak Check
Nozzle Calibration	Elevation (ft) (relative to Barometer) 75 ft	Initial (+) 0.0073 (-) 0.0073	Final (+) 0.0073 (-) 0.0073
Caliper ID 700903	0.296 0.298 0.296		

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
NE-1	12:35	467.591	0.41	0.87	365	254	261	41	38	51	250	5.5
	12:40	470.54	0.41	0.87	365	254	261	41	38	52	250	5.5
	12:45	473.30	0.41	0.87	367	254	261	41	38	52	250	5.5
NE-2	12:50	475.90	0.55	1.2	372	256	263	42	38	52	250	5.5
	12:55	478.80	0.59	1.3	374	255	261	43	38	53	250	7.5
	13:00	482.02	0.57	1.3	374	255	261	43	39	53	250	7.5
NE-3	13:05	485.80	0.60	1.3	376	255	259	42	40	53	250	7.5
	13:10	488.55	0.68	1.2	376	255	260	42	40	52	250	7.5
	13:15	491.60	0.64	1.2	375	256	259	44	40	52	250	6.0
NE-4	13:20	495.10	0.60	1.2	375	253	262	45	41	50	250	6.0
	13:25	497.20	0.60	1.2	375	253	262	45	41	50	250	6.0
	13:30	499.95	0.58	1.2	373	256	262	46	42	51	250	7.0
NE-5	13:35	503.65	0.59	1.3	372	258	261	48	44	50	250	8.0
	13:40	506.60	0.58	1.3	373	262	263	48	46	51	250	8.0
	13:45	509.90	0.58	1.3	374	262	263	48	47	51	250	8.0
NE-6	13:50	513.60	0.50	1.2	375	258	259	50	50	52	250	7.5
	13:55	516.10	0.51	1.2	371	257	263	50	50	52	250	7.5
	13:58	519.28	0.49	1.2	373	255	260	52	51	53	250	7.5
STOP	14:05	522.321		0.004	12"		0.004	12"				
SE-1	14:15	527.481	0.31	0.64	338	258	268	52	50	52	250	4.5
	14:20	524.96	0.33	0.64	362	258	268	52	50	52	250	4.5
	14:25	527.28	0.30	0.63	344	259	265	49	50	52	250	4.5
SE-2	14:30	529.80	0.56	1.2	365	259	271	47	47	52	250	4.5
	14:35	533.40	0.56	1.2	365	259	271	46	47	52	250	4.5
	14:40	535.40	0.57	1.3	370	259	265	46	47	52	250	4.5
SE-3	14:45	538.70	0.60	1.3	373	256	257	44	47	52	250	7.5
	14:50	541.58	0.61	1.3	374	255	260	44	47	52	250	8.0
	14:55	545.20	0.61	1.3	375	258	263	46	48	52	250	8.0
SE-4	15:00	548.30	0.61	1.3	372	260	262	47	49	53	250	8.0
	15:05	551.40	0.61	1.3	373	261	263	49	51	52	250	8.0

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/24/13  
 Source Unit 4 Stack

Condition No. 1  
 Run No. 2B  
 Balance ID TE4181A  
 Recovered by NMB

# Dioxins and Furans

## SW-846 - Method 0023A

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1			K/O	2388.7	938.3
2	H <sub>2</sub> O	~100	G/S	757.5	725.3
3	H <sub>2</sub> O	~100	Mod	689.6	721.4
4	Silica Gel	~300g	Mod	<del>2388.7</del> NMB 10/24/13	1023.9
5					
6				1054.1	

### Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>2B</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>2B</u> -M0023A-Filt	Petri Dish	Filter
VS4-STK-1 <u>2B</u> -M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1 <u>2B</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 60 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments

Sample Type – PCDD/PCDF (Method 0023A)	Date <b>10-24-2013</b>		Page <b>2</b> of <b>2</b>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <b>1</b>		Train Leak Rate (cfm @ "Hg)
Project Number: <b>40942525.20-02</b>	Run: <b>a B</b>	Nozzle ID <b>-</b>	Initial <b>50021</b>
Facility: <b>Kiln - Unit 4</b>	Console ID <b>A161399</b>	Nozzle Dia (in) <b>0.297</b>	Final <b>50021</b>
Source: <b>Stack</b>	DGMCF <b>1.002</b>	Barometer ID <b>BP-2</b>	Pitot Tube ID <b>5-03</b>
Operator <b>MB</b>	$\Delta H@$ <b>1.790</b>	Bar. Press. ("Hg) <b>29.94</b>	PTCF <b>0.84</b>
Duct Dimension(s) <b>47" x 16"</b>	Kf <b>2.06</b>	Stat. Press. ("H <sub>2</sub> O) <b>-0.57</b>	Pitot Tube Leak Check <b>1</b>
Nozzle Calibration		Elevation (ft) (relative to Barometer)	Initial (+) <b>50021</b>
Caliper ID <b>700903</b>	<b>0.296</b> <b>0.298</b> <b>0.296</b>	<b>75 ft</b>	Final (+) <b>50021</b> (-)

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ ("H <sub>2</sub> O)	$\Delta H$ ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
	15:10	554.10	0.60	1.3	373	260	264	52	53	52	250	8.0
SE-5	15:15	557.70	0.58	1.3	373	260	268	55	55	52	250	8.0
	15:20	560.90	0.60	1.3	374	261	262	49	55	53	250	8.0
	15:25	564.10	0.61	1.3	372	261	263	49	55	53	250	8.0
SE-6	15:30	567.40	0.50	1.2	373	261	263	47	54	54	250	8.0
	15:35	570.60	0.47	1.2	372	268	264	47	54	55	250	8.0
	15:40	573.80	0.47	1.2	373	267	260	46	52	55	250	8.0
Stack	15:45	576.828										

Notes: \_\_\_\_\_



Project Name Veolia - Sauget, IL  
 Project Number 40942525.20-02  
 Date 10/24/13  
 Source Unit 4 Stack

Condition No. 1  
 Run No. 20  
 Balance ID TEH01A  
 Recovered by NMP

# Dioxins and Furans

## SW-846 - Method 0023A

See page 1

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O		
2	H <sub>2</sub> O	~100	G/S		
3	H <sub>2</sub> O	~100	Mod		
4	Silica Gel	~300g	Mod		
5					
6					

### Sample Recovery Checklist

- \_\_\_ Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- \_\_\_ Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- \_\_\_ Seal XAD trap ends. Complete XAD sample label.
- \_\_\_ Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- \_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- \_\_\_ Note condition of the silica gel impinger. \_\_\_\_% spent
- \_\_\_ Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- \_\_\_ Log samples into log book and place in refrigerator or ice chest.

### Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>20</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>1</u> -M0023A-Filt	Petri Dish	Filter
VS4-STK-1 <u>1</u> -M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1 <u>1</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments

Sample Type - Multi Metals (Method 29)		Date 10/21/13	X		Page 1 of 1	
Project Name: Veolia - Sauget, IL		Condition: 1			Sampling Train Leak Rate (cfm@"Hg)	
Project Number: 40942525.20-02		Run: 2 B	Nozzle ID		Initial 0.008 @ 10"	
Facility: Kiln - Unit 4		Console ID A161401	Nozzle Dia (in) 0.298		Final 0.007 @ 10"	
Source: Stack		DGMCF 0.999	Barometer ID BP-2		Pitot Tube ID 5-19	
Operator NMP		ΔH@ 1.649	Bar. Press. ("Hg) 29.94		PTCF 0.84	
Duct Dimension(s) 47' 15/16"		Kf 2.89	Stat. Press. ("H <sub>2</sub> O) 0.57		Pitot Tube Leak Check	
Nozzle Calibration		Elevation (ft) (relative to Barometer) 75'		Initial (+) 10" > 3"	(-) 10" > 3"	
Caliper ID 700903		0.298	0.298	0.297	Final (+) 10" > 3"	(-) 10" > 3"

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)					Vacuum ("Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
SE6	12:35	481.453	0.56	1.15	372	244	256	46	48	4
SE6	12:40	484.45	0.56	1.15	370	245	256	43	48	4
SE5	12:45	487.47	0.63	1.30	374	247	260	43	49	4
SE5	12:50	490.64	0.65	1.35	375	247	260	43	50	4
SE4	12:55	493.89	0.67	1.40	374	248	261	43	51	4
SE4	13:00	497.22	0.67	1.40	375	246	251	44	51	4
SE3	13:05	500.55	0.65	1.35	376	246	251	44	51	4
SE3	13:10	503.84	0.67	1.40	377	246	251	44	52	4
SE2	13:15	507.13	0.60	1.25	374	248	251	44	52	4
SE2	13:20	510.33	0.58	1.20	373	248	252	45	52	4
SE1	13:25	513.50	0.39	0.81	360	251	254	46	51	3
SE1	13:30	516.03	0.39	0.81	352	249	253	45	52	3
POST CHANGE	13:35	518.546								
		Baro: 0.008 @ 10"				ADW: 0.008 @ 10"				
NE6	14:15	518.773	0.60	1.25	370	238	251	46	51	4
NE6	14:20	521.88	0.61	1.25	372	251	252	43	51	4
NE5	14:25	524.96	0.64	1.35	374	251	253	43	51	4
NE5	14:30	528.10	0.64	1.35	372	246	251	43	51	4
NE4	14:35	531.30	0.62	1.30	373	247	250	44	51	4
NE4	14:40	534.45	0.65	1.35	375	249	252	45	52	4
NE3	14:45	537.67	0.68	1.40	374	247	251	44	51	4
NE3	14:50	540.98	0.67	1.40	374	247	249	45	52	4
NE2	14:55	544.29	0.60	1.25	374	248	251	45	51	4
NE2	15:00	547.53	0.60	1.25	372	246	252	45	52	4
NE1	15:05	550.74	0.37	0.77	345	246	251	45	52	3
NE1	15:10	553.58	0.36	0.75	342	246	251	47	52	3
STOP	15:15	555.764								

Notes \_\_\_\_\_

Project Name Veolia - Saugeat, IL  
 Project Number 40942525.20-02  
 Date 10/24/13  
 Source Unit 4 Stack

# Multi-Metals No Determination of PM EPA Method 29

Condition No. 1  
 Run No. 2B  
 Balance ID JE4101A  
 Recovered by KMM

## Moisture Determination

Impinger No.	Contents	Volume (ml)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	-	-	K/O	1929.6	976.8
2	Nitric/Peroxide	100	Mod	816.9	775.9
3	Nitric/Peroxide	100	S/G	775.4	767.2
4	-	-	Mod	632.7	631.2
5	KMnO <sub>4</sub> Soln	100	Mod	756.8	756.2
6	KMnO <sub>4</sub> Soln	100	Mod	750.7	750.8
7	Silica Gel	~ 300g	Mod	948.6	947.935.4

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
VS4-STK-1 <u>2B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS4-STK-1 -M29-Filt	Petri Dish	Filter
VS4-STK-1 -M29-NI	1000 ml	Nitric Impinger
VS4-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
VS4-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
VS4-STK-1 -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - Use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 15 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments


Sample Type - <b>Particulate Matter (Method 5)</b>	Date <b>10-25-13</b>	Filter No. <b>PK2515</b>	Page <b>1</b> of <b>1</b>
Project Name: <b>Veolia - Sauget, IL</b>	Condition: <b>1</b>	Nozzle ID <b>-</b>	Train Leak Rate (cfm @ "Hg)
Project Number: <b>40942525.20-02</b>	Run: <b>3 A</b>	Nozzle Dia (in) <b>0.300</b>	Initial <b>0.003 @ 15</b>
Facility: <b>Kiln - Unit 4</b>	Console ID <b>A161399</b>	Barometer ID <b>BP-2</b>	Final <b>0.002 @ 7</b>
Source: <b>Stack</b>	DGMCF <b>1.002</b>	Bar. Press. ("Hg) <b>30.18</b>	Pitot Tube ID <b>5-07</b>
Operator: <b>DC</b>	$\Delta H@$ <b>1.790</b>	Stat. Press. ("H <sub>2</sub> O) <b>-0.57</b>	PTCF <b>0.84</b>
Duct Dimension(s) <b>47" x 116"</b>	Kf <b>2.3</b>	Elevation (ft) (relative to Barometer) <b>75</b>	Pitot Tube Leak Check
Nozzle Calibration			Initial (+) <b>0.0023"</b> (-) <b>0.0023"</b>
Caliper ID <b>700903</b>			Final (+) <b>0.0023"</b> (-) <b>0.0023"</b>

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	$\Delta P$ (in. H <sub>2</sub> O)	$\Delta H$ (in. H <sub>2</sub> O)	Temperature (°F)					Vacuum (in. Hg)	
					Stack	Probe	Filter	Imp Exit	DGM In		DGM Out
SE 6	935	577.349	0.62	1.4	373	258	263	39		44	5
5	940	580.6	0.65	1.5	373	258	262	35		45	5
4	945	583.9	0.66	1.5	373	258	264	36		46	5
3	950	587.2	0.63	1.4	372	259	267	39		46	5
2	955	590.5	0.56	1.3	371	257	261	42		47	5
1	1000	593.6	0.35	0.80	362	252	263	46		48	4
END PORT 1005		596.155	post leak ✓ = 0.002 @ 7"		pre leak ✓ = 0.002 @ 7"						
NE 6	1010	596.273	0.58	1.3	370	250	262	46		51	5
5	1015	599.3	0.65	1.5	372	255	262	49		52	5
4	1020	602.7	0.64	1.5	375	255	262	53		53	5
3	1025	606.2	0.64	1.5	376	262	262	57		53	5
2	1030	609.3	0.58	1.3	376	257	259	62		54	5
1	1035	612.6	0.40	0.93	372	251	260	63		55	4
END	1040	615.333									

Comments:

SDS-26: PM by EPA Method 5  
Per EM SOP-015  
Revision Date: February 2012  
Reviewed: January 2013

Project Name Veolia - Sauget, IL  
 Project Number 40942525.20-02  
 Date 10/25/13  
 Source Unit 4 Stack

Condition No. 1  
 Run No. 3A  
 Balance ID TE4101A  
 Recovered by YUMU

# Particulate Matter EPA Method 5

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
12	Water	100	Mod	982.7	740.7
13	Water	100	G/S	825.3	730.9
14	Empty	-	Mod	772.0	643.3
15	Silica Gel	~ 300g	Mod	941.4	927.7
16	Empty	-	LO	982.7	604.7
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 80% spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
V54-STK-1 <u>3A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
V54-STK-1 <u>3A</u> -M5-Filt	Petri Dish	Filter

Comments

RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013

Sample Type - Multi Metals (Method 29)		Date 10/25/13	X	Page 1 of 1
Project Name: Veolia - Sauget, IL		Condition: 1		Sampling Train Leak Rate (cfm@Hg)
Project Number: 40942525.20-02		Run: 3B	Nozzle ID	Initial 0.002 @ 15"
Facility: Kiln - Unit 4		Console ID A161401	Nozzle Dia (in) 0.298	Final 0.064 @ 10"
Source: Stack		DGMCF 0.999	Barometer ID BP-2	Pitot Tube ID 5-19
Operator NMP		ΔH@ 1.649	Bar. Press. (Hg) 30.18	PTCF 0.84
Duct Dimension(s) 47' <sup>15</sup> / <sub>16</sub> "		Kf 2.10	Stat. Press. (H <sub>2</sub> O) -0.57	Pitot Tube Leak Check
Nozzle Calibration		Elevation (ft) (relative to Barometer) 75'		Initial (+) 0.06273" (-) 0.06273"
Caliper ID 700903		0.298 / 0.298 / 0.297		Final (-) 0.06273" (-) 0.06273"

Point	Clock Time	DGM Reading (ft <sup>3</sup> )	ΔP (H <sub>2</sub> O)	ΔH (H <sub>2</sub> O)	Temperature (°F)					Vacuum (Hg)
					Stack	Probe	Filter	Imp Exit	DGM In	
NEG	13:35	591.722	0.53	1.10	372	253	260	55	67	4
NEG	13:40	594.71	0.57	1.20	372	250	257	49	68	4
NES	13:45	597.74	0.60	1.30	375	249	256	48	68	4
NES	13:50	600.95	0.63	1.35	374	255	256	48	69	4
NE4	13:55	604.17	0.60	1.30	375	253	255	49	70	4
NE4	14:00	607.37	0.63	1.35	376	251	255	49	70	4
NE3	14:05	610.67	0.63	1.35	378	254	255	50	71	4
NE3	14:10	613.99	0.62	1.35	376	253	256	50	71	4
NE2	14:15	617.31	0.59	1.36	376	250	256	50	72	4
NE2	14:20	620.61	0.59	1.36	374	248	255	50	71	4
NE1	14:25	623.91	0.36	0.77	364	255	256	51	72	3
NE1	14:30	626.44	0.36	0.77	348	254	256	50	72	3
PR CHANGE	14:35	628.93	Before: 0.04 @ 10"					After: 0.004 @ 10"		
SE6	15:11	629.156	0.66	1.40	372	241	257	49	72	5
SE6	15:16	632.52	0.68	1.50	374	249	258	43	70	5
SE5	15:21	635.86	0.70	1.50	376	251	258	43	70	5
SE5	15:26	639.24	0.71	1.55	375	249	256	44	70	5
SE4	15:31	642.69	0.69	1.50	374	247	258	45	70	5
SE4	15:36	646.11	0.68	1.50	376	252	259	45	70	5
SE3	15:41	649.52	0.66	1.40	374	249	254	46	69	5
SE3	15:46	652.95	0.66	1.40	380	255	256	46	70	5
SE2	15:51	656.39	0.62	1.35	377	256	257	46	70	5
SE2	15:56	659.73	0.63	1.35	376	245	256	47	69	5
SE1	16:01	663.10	0.39	0.84	370	243	256	48	69	3
SE1	16:06	665.75	0.38	0.82	364	247	258	49	68	3
STOP	16:11	668.455								

Notes \_\_\_\_\_

Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/25/13  
 Source Unit 4 Stack

# Multi-Metals No Determination of PM EPA Method 29

Condition No. 1  
 Run No. 3B  
 Balance ID TE4101A  
 Recovered by KMM

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	-	-	K/O	1921.0	978.9
2	Nitric/Peroxide	100	Mod	870.9	774.9
3	Nitric/Peroxide	100	S/G	784.5	764.9
4	-	-	Mod	633.7	631.3
5	KMnO <sub>4</sub> Soln	100	Mod	758.7	757.6
6	KMnO <sub>4</sub> Soln	100	Mod	752.6	752.5
7	Silica Gel	~ 300g	Mod	960.7	948.3

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
V54-STK-1 <u>3B</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
V54-STK-1 -M29-Filt	Petri Dish	Filter
V54-STK-1 -M29-NI	1000 ml	Nitric Impinger
V54-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
V54-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
V54-STK-1 -M29-HClRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel. 26 % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HClRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HClRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments

Sample Type - PCDD/PCDF (Method 0023A)	Date 10-25-13	X	Page 1 of 2
Project Name: Veolia - Sauget, IL	Condition: 1		Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.20-02	Run: 3 B	Nozzle ID	Initial 0.004 @ 16"
Facility: Kiln - Unit 4	Console ID A161399	Nozzle Dia (in) 0.297	Final 0.004 @ 12"
Source: Stack	DGMCF 1.002	Barometer ID BP-2	Pitot Tube ID 5-03
Operator DL	ΔH@ 1.790	Bar. Press. ("Hg) 30.18	PTCF 0.84
Duct Dimension(s) 47 15/16	Kf 2.3	Stat. Press. ("H <sub>2</sub> O) -0.57	Pitot Tube Leak Check
Nozzle Calibration		Elevation (ft) (relative to Barometer) 75	Initial (+) 0.0033" (-) 0.0033"
Caliper ID 700903		Final (+) 0.0033" (-) 0.0033"	

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit	
SE 1	1335	615.770	0.39	0.87	369	250	261	43	48	67	259	6
	1340	618.5	0.42	0.97	368	250	260	43	46	66	259	6
	1345	621.2	0.40	0.92	369	251	263	41	45	66	259	7
2	1350	624.0	0.50	1.2	370	250	262	42	44	66	260	7
	1355	626.8	0.51	1.2	373	251	262	45	44	66	260	7
	1400	629.8	0.53	1.2	373	253	264	46	44	66	260	7
3	1405	632.8	0.58	1.3	378	253	263	46	45	67	260	8
	1410	635.9	0.58	1.3	375	254	262	43	46	67	260	8
	1415	639.1	0.58	1.3	376	253	257	45	48	68	260	8
4	1420	642.2	0.60	1.4	374	255	258	45	48	68	260	8
	1425	645.4	0.60	1.4	374	258	258	47	47	66	260	9
	1430	648.7	0.61	1.4	375	260	251	49	47	66	260	9
5	1435	652.0	0.63	1.5	376	262	259	50	48	67	260	9
	1440	655.4	0.58	1.3	374	260	262	51	50	68	261	9
	1445	658.6	0.60	1.4	372	259	258	51	52	69	260	9
6	1450	661.9	0.57	1.3	373	253	264	51	47	69	259	9
	1455	665.1	0.61	1.4	372	262	266	49	46	68	259	9
	1500	668.4	0.58	1.3	373	264	259	50	46	68	260	9
END Port	1505	671.585	post leak v = 0.003 @ 12"		pre leak v = 0.003 @ 12"							
NE 1	1511	671.773	0.42	0.96	367	251	258	48	48	68	260	8
	1516	674.6	0.45	1.0	368	253	254	50	47	67	259	8
	1521	677.4	0.42	0.96	368	250	255	51	47	67	260	8
2	1526	680.2	0.59	1.4	373	250	256	52	49	67	260	9
	1531	683.4	0.61	1.4	374	250	254	53	53	67	260	9
	1536	686.7	0.58	1.3	374	251	255	54	55	66	260	9
3	1541	689.8	0.65	1.5	374	250	254	51	56	66	260	10
	1546	693.4	0.65	1.5	379	250	255	50	54	64	260	10
	1551	696.6	0.65	1.5	378	251	252	51	54	65	260	10
4	1556	699.9	0.63	1.4	378	250	255	52	55	64	260	10
	1601	703.3	0.61	1.4	377	250	254	52	55	64	260	9

Notes: \_\_\_\_\_



Project Name Veolia - Sauget, IL  
 Project Number 40942525.20-02  
 Date 10/25/13  
 Source Unit 4 Stack

# Dioxins and Furans

## SW-846 - Method 0023A

Condition No. 1  
 Run No. 30  
 Balance ID TEH101A  
 Recovered by NMP

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	2494.4	940.3
2	H <sub>2</sub> O	~100	G/S	758.9	757.3
3	H <sub>2</sub> O	~100	Mod	689.1	689.4
4	Silica Gel	~300g	Mod	1077.5	1054.0
5					
6					

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 90 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

### Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>30</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>1</u> -M0023A-Filt	Petri Dish	Filter
VS4-STK-1 <u>1</u> -M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1 <u>1</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments



Project Name Veolia - Saugert, IL  
 Project Number 40942525.20-02  
 Date 10/25/19  
 Source Unit 4 Stack

Condition No. 1  
 Run No. 3B  
 Balance ID TE9101A  
 Recovered by NMP

# Dioxins and Furans SW-846 - Method 0023A

See page 4

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O		
2	H <sub>2</sub> O	~100	G/S		
3	H <sub>2</sub> O	~100	Mod		
4	Silica Gel	~300g	Mod		
5					
6					

## Sample Recovery Checklist

- \_\_\_ Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- \_\_\_ Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- \_\_\_ Seal XAD trap ends. Complete XAD sample label.
- \_\_\_ Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- \_\_\_ Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- \_\_\_ Note condition of the silica gel impinger. \_\_\_\_% spent
- \_\_\_ Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the coil condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- \_\_\_ Log samples into log book and place in refrigerator or ice chest.

## Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>3b</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1 -M0023A-Filt	Petri Dish	Filter
VS4-STK-1 -M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1 <u>4</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

Comments



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/25/13  
 Source Unit 4 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. 3B  
 Balance ID TE4101A  
 Recovered by KJMM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	1046.2	629.8
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	818.5	759.2
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	772.6	755.3
4	0.1 N NaOH	100	Mod	711.8	716.3
5	0.1 N NaOH	100	Mod	743.5	741.7
6	Silica Gel	~ 300g	Mod	1012.7	1005.5

<sup>a</sup>this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. 40% spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>3B</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
VS4-STK-1 <u>3B</u> -M26A-AIkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:




Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/25/13  
 Source Unit 4 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. 4A  
 Balance ID TE4101A  
 Recovered by KMM

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
82	Water	100	Mod	927.0	708.2
83	Water	100	G/S	907.6	786.5
84	Empty	--	Mod	652.0	649.8
86	Silica Gel	~ 300g	Mod	970.0	962.6
81	empty	-	KO	962.1	602.8
6					

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 40% spent
- Log samples into logbook and store appropriately.

## Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>4A</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>4A</u> -M5-Filt	Petri Dish	Filter

## Comments


RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013





Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/22/13  
 Source Unit 4 Stack

# Multi-Metals No Determination of PM EPA Method 29

Condition No. 1  
 Run No. FB  
 Balance ID TE4101A  
 Recovered by KUM

## Moisture Determination

Impinger No.	Contents	Volume (mL)	Configuration	Final Wt. (g)	Initial Wt. (g)
1	1	-	K/O	974.6	974.6
2	Nitric/Peroxide	100	Mod	773.3	773.3
3	Nitric/Peroxide	100	S/G	762.7	762.8
4	-	-	Mod	629.1	629.1
5	KMnO <sub>4</sub> Soln	100	Mod	757.3	753.5
6	KMnO <sub>4</sub> Soln	100	Mod	757.3	757.5
7	Silica Gel	~ 300g	Mod	898.3	898.0

<sup>1</sup> Per the method, this first impinger is optional and may be excluded for sources with moisture catch anticipated to be less than 100 g (Section 8.1.3.2)

## Sample Log

Sample ID Number	Sample Containers	Description
VS4-STK-1 <u>FB</u> -M29-PNR	250 ml	Probe and Nozzle Rinse
VS4-STK-1 -M29-Filt	Petri Dish	Filter
VS4-STK-1 -M29-NI	1000 ml	Nitric Impinger
VS4-STK-1 -M29-EIR	250 ml	Empty Impinger Rinse
VS4-STK-1 -M29-Perm	1000 ml	Permanganate Impinger
VS4-STK-1 <u>✓</u> -M29-HCIRns	250 ml	HCl Rinse of Permanganate Impinger

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with 0.1M nitric acid into PNR bottle. Note - use Teflon brush. Use a total of 100 mL for the PNR and front-half filter rinse.
- Rinse the (optional) Teflon transfer line with 0.1M nitric acid into NI bottle. Use a total of 100 mL for the transfer line and impinger rinses.
- Separate filter holder and place filter in clean Petri dish. Complete sample label.
- Rinse front half of filter holder with 0.1M nitric acid into PNR bottle. Use a total of 100 mL for the PNR and front-half filter rinse. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section.
- Note condition of silica gel.  % spent
- Pour contents of first 3 impingers into the Nitric/peroxide impinger catch bottle(s). Rinse the impingers, filter support and back-half of the filter holder and connecting glassware with 0.1 M nitric acid same bottle(s). Use a total of 200 mL for the transfer line and impinger rinses. Complete NI sample label(s).
- Rinse the 4<sup>th</sup> (initially empty) impinger with 0.1M nitric acid into the empty impinger rinse (EIR) bottle. Use a total of 100 mL for this rinse. Complete EIR sample label.
- Pour the contents of the 5<sup>th</sup> and 6<sup>th</sup> impingers (permanganate impingers) into the permanganate impinger catch bottle (Perm). Rinse with a total of 100 ml of permanganate solution and 100 ml of DI water. Complete Perm sample label
- Put 100 ml DI water into HCIRns sample bottle. Rinse the permanganate impingers with a total of 25 mL of 8N HCl into the same bottle. Rinse impingers with 100 ml DI water into the same bottle. Complete HCIRns sample label. (Note, this is not required if there is no visible solid residue)
- Log samples into logbook and store appropriately.

Comments


Sample Type - PCDD/PCDF (Method 0023A)	Date 10/22/13	X		Page 1 of 1
Project Name: Veolia - Sauget, IL	Condition: 1			Train Leak Rate (cfm @ "Hg)
Project Number: 40942525.20-02	Run: B Field Blank	Nozzle ID	Initial	S. Rubin
Facility: Kiln - Unit 4	Console ID A183521	Nozzle Dia (in)	Final	
Source: Stack	DGMCF 0.982	Barometer ID 89.2	Pitot Tube ID 5-03	0.84
Operator MIB	ΔH@ 1.732	Bar. Press. ("Hg) 29.8	PTCF	
Duct Dimension(s)	Kf	Stat. Press. ("H <sub>2</sub> O)	Pitot Tube Leak Check	
Nozzle Calibration	Elevation (ft) (relative to Barometer)		Initial	(+) OK @ 73 (-) OK @ 73
Caliper ID			Final	(+) OK @ 73 (-) OK @ 73

Point	Clock Time	Dry Gas Vol. (ft <sup>3</sup> )	ΔP ("H <sub>2</sub> O)	ΔH ("H <sub>2</sub> O)	Temperature (°F)							Vacuum (in. Hg)	
					Stack	Probe	Filter	XAD Inlet	Imp Exit	DGM	HtTrc Exit		
	11:38	199.305											
	11:39	199.561		0.008 @ 17"									
	11:40	199.56											
	11:42	199.723		0.005 @ 17"									
	11:43	199.723											
	11:44	199.872		0.005 @ 17"									
	11:45	199.872											
	11:46	200.006		0.005 @ 17"									

Project Name Veolia - Saugeit, IL  
 Project Number 40942525-20-02  
 Date 10/22/2013  
 Source Unit 4 Stack

# Dioxins and Furans

## SW-846 - Method 0023A

Condition No. 1  
 Run No. FB  
 Balance ID TE4101A  
 Recovered by EY

### Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt. (g)
1	-	-	K/O	938.7	938.4
2	H <sub>2</sub> O	~100	G/S	725.9	725.6
3	H <sub>2</sub> O	~100	Mod	721.6	721.6
4	Silica Gel	~300g	Mod	993.3	992.9
5					
6					

### Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>FB</u> -M0023A-PNR	500 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>FB</u> -M0023A-Filt	Petri Dish	Filter
VS4-STK-1 <u>FB</u> -M0023A-CR	500 mL	Condenser Rinse
VS4-STK-1 <u>FB</u> -M0023A-XAD	Sorbent Trap	XAD Sorbent

### Sample Recovery Checklist

- Rinse and brush probe and nozzle: three times with acetone, twice with methylene chloride and twice with toluene. Recover into one bottle (PNR).
- Separate filter holder and place filter in clean pre-rinsed, glass petri dish. Complete Filt sample label.
- Seal XAD trap ends. Complete XAD sample label.
- Rinse front half of filter holder into PNR bottle: three times with acetone, twice with methylene chloride and twice with toluene. Complete PNR sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section. DISCARD the impinger solution.
- Note condition of the silica gel impinger. 0 % spent
- Rinse the back half of the filter holder, Teflon transfer line(if used), all connecting glassware, and the ~~off~~ condenser: three times with acetone, twice with methylene chloride and twice with toluene. Complete CR sample label.
- Log samples into log book and place in refrigerator or ice chest.

Comments



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/22/13  
 Source Unit 4 Stack

**HCl/Cl<sub>2</sub>**  
**EPA Method 26A**

Condition No. 1  
 Run No. FB  
 Balance ID TE4101 A  
 Recovered by KMM

**Moisture Determination**

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
1 <sup>a</sup>	0.1 N H <sub>2</sub> SO <sub>4</sub>	50	KO	633.1	631.9
2	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	756.0	756.0
3	0.1 N H <sub>2</sub> SO <sub>4</sub>	100	G/S	757.6	757.5
4	0.1 N NaOH	100	Mod	712.9	712.9
5	0.1 N NaOH	100	Mod	738.5	738.6
6	Silica Gel	~ 300g	Mod	936.4	935.6

<sup>a</sup> this impinger optional, per Method 26A

**Sample Recovery Checklist**

- (Only if transfer line is used). Disconnect transfer line, and rinse three times with DI water into acid impinger catch bottle. Transfer bottle to laboratory with impinger train.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data sheet.
- Note condition of the silica gel impinger. \_\_\_\_% spent
- Pour contents of the 1st, 2nd and 3rd (containing acid) impingers into the Acid impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete acid impinger sample label.
- Pour the contents of the 4th and 5th impingers (containing NaOH) into the alkaline impinger catch bottle(s). Rinse impingers and connecting glassware with deionized water into the same bottle(s). Complete alkaline impinger sample label.
- Log samples into logbook and store appropriately.

**Sample Log**

Sample ID Number	Sample Container	Description
V54-STK-1 <u>FB</u> -M26A-AcdImp	1 L Nalgene	Acid Impinger Catch & Rinse
V54-STK-1 <u>FB</u> -M26A-AlkImp	500 mL Nalgene	Alkaline Impinger Catch & Rinse

Notes:


RDS-19: HCl/Cl<sub>2</sub> by EPA Method 26A  
 Per EM SOP-021  
 Revision Date: July 2013



Project Name Veolia - Saugnet, IL  
 Project Number 40942525.20-02  
 Date 10/22/2013  
 Source Unit 4 Stack

# Particulate Matter EPA Method 5

Condition No. 1  
 Run No. FB  
 Balance ID TE4101A  
 Recovered by EGY

## Moisture Determination

Imp No.	Contents	Vol (mL)	Configuration	Final Wt (g)	Initial Wt (g)
2	Water	100	Mod	735.4	734.9 <del>601.0</del>
3	Water	100	G/S	763.1	754.9763.1
4	Empty	--	Mod	649.3	649.3
6	Silica Gel	~ 300g	Mod	947.3	947.5
6	Empty	-	KO	602.0	601.6

## Sample Log

Sample ID Number	Sample Container	Description
VS4-STK-1 <u>FB</u> -M5-PNR	250 mL	Probe and Nozzle Rinse
VS4-STK-1 <u>FB</u> -M5-Filt	Petri Dish	Filter

## Sample Recovery Checklist

- Rinse and brush probe and nozzle with acetone into PNR sample bottle.
- Transfer bottle(s) to laboratory with impinger train.
- Separate filter holder and place filter in clean pre-rinsed glass petri dish. Complete filter sample label.
- Rinse front half of filter holder with acetone into PNR bottle. Complete probe and nozzle rinse (PNR) sample label.
- Disassemble sample train, wipe off excess water and weigh each impinger. Record the final weights in the Moisture Determination section of this data
- Note condition of the silica gel impinger. 10 % spent
- Log samples into logbook and store appropriately.

Comments


RDS-13: PM by EPA Method 5  
 Per EM SOP-015  
 Revision Date: January 2013

# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia
Project Number	40942525
Facility	Sauget
Source	Unit 4 Stack
Parameter	O <sub>2</sub>
Units of Measure (ppm or %)	%

Performed by	Initials	KMM
	Date	10/22/2013
Reviewed by	Initials	mdd
	Date	11/14/2013

Traverse Points (3 are required)	Concentration	Difference from Mean	Percent Difference from Mean
1	12.16	0.06	0.49
2	12.37	0.15	1.20
3	12.14	0.09	0.71
4			
5			
6			
7			
8			
9			
10			
11			
12			
<b>Mean Concentration of all Traverse Points</b>	12.22		
<b>Maximum Deviation from Mean</b>		0.15	
<b>Maximum Percent Deviation from Mean</b>			1.20
<b>Stratification Test Criteria<sup>1</sup></b>			
Do the concentrations at each traverse point differ from the mean concentration by no more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive)?	YES	<b>Use 1 point</b>	
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive) and by no more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is  $\pm 0.5\%$  CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is  $\pm 0.3\%$  CO<sub>2</sub> or O<sub>2</sub>.

Notes:

*FDS-125: Stratification Test  
Per EM SOP-037  
Revision Date: May 2012  
Reviewed: October 2012*



**Veolia Unit 4**

Uncorrected Concentrations									
23-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 1A	0930-1042	12.20	5.65						0.00
Run 1B	1236-1550	12.13	5.89				0.19	39.25	0.32

Corrected O <sub>2</sub> Conc.					
23-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	0930-1042	12.20	0.04	1.01	12.22
Run 1B	1236-1550	12.13	0.04	1.02	12.27

Corrected CO <sub>2</sub> Conc.					
23-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	0930-1042	5.65	0.04	1.00	5.59
Run 1B	1236-1550	5.89	0.05	1.00	5.86

**Veolia Unit 4**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/23/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:54	0.01	0.01	0.0%
span gas	CC189665	22.50	07:56	22.57	0.07	0.3%
mid-range	CC43355	10.10	07:58	10.12	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
1A	0.00	0.01	08:02	0.05	0.2%	10:48	0.02	0.1%	-0.1%	$C_O = 0.038$ $C_{MA}/(C_M - C_O) = 1.005$
	10.10	10.12	08:04	10.09	-0.1%	10:50	10.08	-0.2%	-0.1%	
1B	0.00	0.01	10:48	0.02	0.1%	15:57	0.05	0.2%	0.1%	$C_O = 0.039$ $C_{MA}/(C_M - C_O) = 1.015$
	10.10	10.12	10:50	10.08	-0.2%	15:59	9.90	-1.0%	-0.8%	

**Veolia Unit 4**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/23/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:54	0.02	0.02	0.1%
span gas	CC189665	19.20	07:56	19.24	0.04	0.2%
mid-range	CC43355	10.00	07:58	10.11	0.11	0.6%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
1A	0.00	0.02	08:02	0.03	0.1%	10:48	0.05	0.2%	0.1%	C <sub>0</sub> = 0.041 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 0.996
	10.00	10.11	08:04	10.07	-0.2%	10:50	10.09	-0.1%	0.1%	
1B	0.00	0.02	10:48	0.05	0.2%	15:57	0.06	0.2%	0.0%	C <sub>0</sub> = 0.055 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.005
	10.00	10.11	10:50	10.09	-0.1%	15:59	9.92	-1.0%	-0.9%	

**Veolia Unit 4  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/23/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	11:38	-0.05	0.05	n/a
<b>Span</b>	ALM025456	24.70	11:32	24.79	0.09	0.4%
<b>Mid</b>	ALM028646	14.80	11:36	15.23	0.43	2.9%
<b>Low</b>	ALM057529	8.43	11:34	8.60	0.17	2.1%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	-0.05	13:39	0.00	0.2
	15.23	13:47	14.78	-1.5
	-0.05	15:04	-0.02	0.1
	15.23	15:12	14.70	-1.8
	-0.05	15:57	-0.04	0.0
	15.23	16:01	14.80	-1.4
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00			0.00	n/a
<b>Span</b>	ALM025456	24.70			24.70	100.0%
<b>Mid</b>	ALM028646	14.80			14.80	100.0%
<b>Low</b>	ALM057529	8.43			8.43	100.0%

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
7:52:44	20.837	0.0857	-0.1417
7:52:54	20.837	0.0857	-0.1417
7:53:05	20.839	0.0857	-0.1417
7:53:14	20.837	0.0851	-0.1417
7:53:24	19.9331	0.0642	-0.1417
7:53:35	0.6599	0.0166	-0.1417
7:53:44	0.0553	0.0166	-0.1417
7:53:54	0.0267	0.0178	-0.1417
7:54:04	0.0136	0.016	-0.1417
7:54:15	0.0077	0.016	-0.1417
7:54:24	0.0017	0.0166	-0.1417
<b>N2 Zero</b>	<b>0.007667</b>	<b>0.0162</b>	<b>-0.1417</b>
7:54:34	-0.0018	0.016	-0.1417
7:54:44	0.0095	0.016	-0.1417
7:54:54	1.9841	0.726	-0.1417
7:55:04	22.2464	19.1189	-0.1405
7:55:14	22.4584	19.1547	-0.1405
7:55:25	22.5425	19.2453	-0.1417
7:55:34	22.5536	19.2614	-0.1405
7:55:44	22.5611	19.2639	-0.1417
7:55:54	22.5651	19.27	-0.1417
7:56:04	22.5692	19.273	-0.1405
7:56:14	22.5707	19.2816	-0.1405
7:56:24	22.5747	19.2775	-0.1417
7:56:35	22.5596	19.1667	-0.1417
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.56833</b>	<b>19.24193</b>	<b>-0.1413</b>
7:56:44	22.5173	18.8022	-0.1417
7:56:54	11.9159	10.0448	-0.1417
7:57:04	10.1841	10.1496	-0.1417
7:57:14	10.1365	10.1514	-0.1417
7:57:24	10.1287	10.1478	-0.1417
7:57:34	10.1252	10.1478	-0.1417
7:57:45	10.1228	10.14	-0.1417
7:57:54	10.1192	10.1406	-0.1417
7:58:04	10.1228	10.1091	-0.1417
7:58:14	10.1287	10.0913	-0.1417
<b>O2/CO2 Mid 10.1/10.0</b>	<b>10.12357</b>	<b>10.11367</b>	<b>-0.1417</b>
7:58:25	10.1323	10.0853	-0.1417
7:58:34	10.1323	10.0793	-0.1405
7:59:36	10.1418	10.0442	-0.1417
7:59:46	10.14	10.0395	-0.1417

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
7:59:56	10.1478	10.027	-0.1417
8:00:06	10.1365	10.0228	-0.1417
8:00:16	12.8353	9.0796	-0.1417
8:00:26	20.2116	1.1682	-0.1417
8:00:36	20.841	0.1815	-0.1417
8:00:46	20.9629	0.1178	-0.1417
8:00:56	20.9609	0.1047	-0.1417
8:01:06	20.9704	0.0987	-0.1417
8:01:16	20.9684	0.0952	-0.1417
8:01:26	20.9669	0.0922	-0.1417
8:01:36	20.6995	0.2106	-0.1417
8:01:46	3.0808	0.094	-0.1417
8:01:56	0.2344	0.0374	-0.1417
8:02:06	0.1261	0.0345	-0.1417
8:02:16	0.0993	0.0309	-0.1417
8:02:26	0.0726	0.0297	-0.1417
8:02:36	0.0613	0.0285	-0.1417
8:02:46	0.0499	0.0291	-0.1417
8:02:56	0.044	0.0285	-0.1417
<b>Zero Bias</b>	<b>0.051733</b>	<b>0.0287</b>	<b>-0.1417</b>
8:03:06	0.0363	0.0273	-0.1417
8:03:16	8.2535	0.0482	-0.1417
8:03:26	6.7545	4.3115	-0.1417
8:03:36	9.9859	9.9157	-0.1417
8:03:46	10.0734	9.9931	-0.1417
8:03:56	10.077	10.0198	-0.1417
8:04:06	10.0829	10.0401	-0.1417
8:04:16	10.0865	10.0508	-0.1417
8:04:26	10.0889	10.0633	-0.1417
8:04:36	10.0924	10.0669	-0.1417
8:04:46	10.0942	10.0722	-0.1417
<b>O2/CO2 Bias</b>	<b>10.09183</b>	<b>10.06747</b>	<b>-0.1417</b>
8:04:56	11.9373	8.3678	-0.1417
8:05:06	20.5092	0.3219	-0.1417
8:05:16	20.8692	0.1993	-0.1417
8:05:26	20.8979	0.1743	-0.1417
9:25:26	13.215	4.9084	0.4076
9:25:36	14.047	4.4478	0.3993
9:25:46	14.0791	4.5335	0.3832
9:25:56	13.8065	4.6335	0.3802
9:26:06	13.6726	4.7085	0.3826

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
9:26:16	13.3525	4.9251	0.3832
9:26:26	13.0281	5.1233	0.3695
9:26:36	12.6978	5.306	0.388
9:26:46	12.4729	5.4232	0.3755
9:26:56	12.3622	5.4631	0.3606
9:27:06	12.3259	5.4803	0.3535
9:27:16	12.3318	5.4815	0.3529
9:27:26	12.3336	5.4827	0.3606
9:27:36	12.3509	5.4744	0.3683
9:27:46	12.3931	5.4446	0.3683
9:27:56	12.3164	5.5029	0.3677
9:28:06	12.2801	5.519	0.3529
9:28:16	12.2997	5.5101	0.3457
9:28:26	12.2747	5.5279	0.3421
9:28:36	12.2479	5.5327	0.3445
9:28:46	12.292	5.5083	0.3529
9:28:56	12.2134	5.5708	0.3445
9:29:06	12.0724	5.6499	0.3457
9:29:16	12.0438	5.6624	0.338
9:29:26	12.0248	5.6642	0.3457
9:29:36	12.0307	5.6737	0.3445
9:29:46	11.9885	5.6874	0.3529
9:29:56	11.9278	5.7624	0.3529
<b>Start Run 1A</b>			
9:30:06	11.8915	5.7803	0.3529
9:30:16	11.8647	5.7987	0.3529
9:30:26	11.8492	5.8142	0.338
9:30:36	11.8855	5.7815	0.338
9:30:46	11.9236	5.7475	0.3296
9:30:56	11.9676	5.7065	0.3183
9:31:06	11.9825	5.7386	0.3219
9:31:16	11.901	5.8112	0.3219
9:31:26	11.798	5.904	0.3219
9:31:36	11.729	5.9392	0.316
9:31:46	11.7349	5.9279	0.3219
9:31:56	11.7593	5.9112	0.3231
9:32:06	11.7939	5.8797	0.3219
9:32:16	11.7843	5.8957	0.3249
9:32:26	11.8873	5.7904	0.3368
9:32:36	12.0765	5.6624	0.338
9:32:46	12.1908	5.5958	0.3219
9:32:56	12.2688	5.5553	0.3285
9:33:06	12.2384	5.5898	0.3296

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
9:33:16	12.2057	5.6017	0.3296
9:33:26	12.1753	5.6124	0.338
9:33:36	12.1337	5.6493	0.338
9:33:46	12.1259	5.644	0.3171
9:33:56	12.1337	5.6309	0.307
9:34:06	12.2307	5.572	0.2987
9:34:16	12.1735	5.6249	0.2898
9:34:26	12.1866	5.5946	0.2826
9:34:36	12.1485	5.6339	0.2999
9:34:46	12.1182	5.6452	0.307
9:34:56	12.139	5.6392	0.3136
9:35:06	12.1795	5.6071	0.3148
9:35:16	12.2384	5.569	0.3148
9:35:26	12.3396	5.5137	0.3136
9:35:36	12.3432	5.525	0.2987
9:35:46	12.3449	5.522	0.2987
9:35:56	12.3283	5.5315	0.3023
9:36:06	12.3646	5.5119	0.2963
9:36:16	12.3509	5.5196	0.2987
9:36:26	12.3586	5.5202	0.2922
9:36:36	12.3622	5.5083	0.2826
9:36:46	12.3812	5.5065	0.3058
9:36:56	12.5627	5.3637	0.3148
9:37:06	12.6657	5.3226	0.3148
9:37:16	12.6121	5.3435	0.2999
9:37:26	12.633	5.3339	0.3148
9:37:36	12.5187	5.4208	0.3023
9:37:46	12.4175	5.4797	0.2987
9:37:56	12.5169	5.4006	0.307
9:38:06	12.5895	5.3732	0.3058
9:38:16	12.4711	5.4625	0.2987
9:38:26	12.3568	5.5256	0.307
9:38:36	12.3396	5.5333	0.307
9:38:46	12.3646	5.5208	0.2999
9:38:56	12.3985	5.5053	0.307
9:39:06	12.4485	5.4744	0.3219
9:39:16	12.5134	5.4274	0.3148
9:39:26	12.5895	5.3815	0.3148
9:39:36	12.6121	5.3756	0.2987
9:39:46	12.683	5.3357	0.307
9:39:56	12.7324	5.3012	0.3112
9:40:06	12.7591	5.2893	0.307
9:40:16	12.7478	5.297	0.3023
9:40:26	12.7782	5.2881	0.2987



24 hour time	O2 (% )	CO2 (% )	THC (ppm)
9:40:36	12.7817	5.2899	0.291
9:40:46	12.8276	5.2661	0.2838
9:40:56	12.8317	5.2714	0.2862
9:41:06	12.7669	5.3107	0.2987
9:41:16	12.7306	5.3304	0.2951
9:41:26	12.8014	5.2869	0.2987
9:41:36	12.8561	5.2703	0.291
9:41:46	12.843	5.2744	0.2838
9:41:56	12.8204	5.2828	0.2838
9:42:06	12.7895	5.2988	0.2791
9:42:16	12.7895	5.2893	0.2922
9:42:26	12.7817	5.3089	0.2987
9:42:36	12.7895	5.3	0.2838
9:42:46	12.8204	5.2816	0.2826
9:42:56	12.8276	5.2714	0.2749
9:43:06	12.8145	5.2738	0.2826
9:43:16	12.6425	5.3756	0.2862
9:43:26	12.4193	5.5089	0.291
9:43:36	12.2289	5.6089	0.2987
9:43:46	12.2057	5.6119	0.2987
9:43:56	12.242	5.5744	0.2987
9:44:06	12.1866	5.6202	0.2987
9:44:16	12.1105	5.6797	0.307
9:44:26	12.0974	5.6803	0.2987
9:44:36	12.0706	5.7047	0.2987
9:44:46	12.0343	5.7166	0.291
9:44:56	12.1087	5.6636	0.2862
9:45:06	12.0569	5.7166	0.2826
9:45:16	11.9772	5.7654	0.2826
9:45:26	11.92	5.81	0.2826
9:45:36	11.9278	5.8094	0.2826
9:45:46	11.9468	5.794	0.2826
9:45:56	11.9391	5.8029	0.2791
9:46:06	11.9236	5.8219	0.2636
9:46:16	11.9141	5.8303	0.2588
9:46:26	11.8968	5.8553	0.26
9:46:36	11.8778	5.8689	0.2678
9:46:46	11.8855	5.8588	0.2749
9:46:56	11.8796	5.8553	0.2761
9:47:06	11.8855	5.8523	0.2838
9:47:16	11.8986	5.8523	0.2785
9:47:26	12.0075	5.7642	0.2678
9:47:36	12.1658	5.6583	0.2826
9:47:46	12.3146	5.5631	0.2826

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
9:47:56	12.3699	5.5369	0.2678
9:48:06	12.3985	5.5178	0.2749
9:48:16	12.4193	5.4946	0.26
9:48:26	12.458	5.4785	0.26
9:48:36	12.4443	5.5006	0.26
9:48:46	12.4044	5.5196	0.2749
9:48:56	12.4027	5.519	0.2666
9:49:06	12.4122	5.5012	0.2678
9:49:16	12.4461	5.4869	0.26
9:49:26	12.4675	5.4756	0.2529
9:49:36	12.4747	5.4625	0.2529
9:49:46	12.5074	5.4464	0.2529
9:49:56	12.5645	5.4167	0.2529
9:50:06	12.6467	5.3435	0.26
9:50:16	12.799	5.2578	0.2678
9:50:26	12.824	5.2244	0.2612
9:50:36	12.8395	5.2328	0.2761
9:50:46	12.6693	5.3476	0.2791
9:50:56	12.6467	5.3316	0.2713
9:51:06	12.6449	5.3554	0.2713
9:51:16	12.633	5.372	0.2761
9:51:26	12.6425	5.3798	0.2761
9:51:36	12.6199	5.3958	0.2678
9:51:46	12.6139	5.3964	0.2678
9:51:56	12.5568	5.4327	0.2678
9:52:06	12.536	5.4411	0.2678
9:52:16	12.5092	5.4607	0.2749
9:52:26	12.4634	5.4815	0.2725
9:52:36	12.3872	5.5285	0.2838
9:52:46	12.292	5.5821	0.2826
9:52:56	12.3068	5.5625	0.2678
9:53:06	12.292	5.572	0.26
9:53:16	12.2729	5.5898	0.2713
9:53:26	12.2325	5.6011	0.2761
9:53:36	12.2253	5.6041	0.2761
9:53:46	12.2021	5.6285	0.2761
9:53:56	12.1485	5.6839	0.26
9:54:06	12.0878	5.7231	0.26
9:54:16	12.0861	5.7184	0.26
9:54:26	12.0664	5.7231	0.26
9:54:36	12.0896	5.6987	0.2564
9:54:46	12.1122	5.6922	0.2678
9:54:56	12.1009	5.7005	0.2678
9:55:06	12.1563	5.6476	0.2666

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
9:55:16	12.1813	5.6434	0.26
9:55:26	12.0974	5.7035	0.26
9:55:36	12.0629	5.7237	0.2761
9:55:46	12.0896	5.694	0.2838
9:55:56	12.0819	5.7225	0.2689
9:56:06	12.0801	5.7148	0.2761
9:56:16	12.0361	5.7642	0.2678
9:56:26	11.9754	5.7987	0.2678
9:56:36	11.9254	5.8255	0.26
9:56:46	11.8111	5.9094	0.26
9:56:56	11.7332	5.9481	0.26
9:57:06	11.7117	5.9743	0.2761
9:57:16	11.6778	5.9886	0.2761
9:57:26	11.6814	5.985	0.2761
9:57:36	11.6373	6.0201	0.2678
9:57:46	11.6183	6.032	0.2761
9:57:56	11.626	6.0249	0.2689
9:58:06	11.6129	6.0308	0.2749
9:58:16	11.6278	6.0177	0.2761
9:58:26	11.6147	6.0356	0.2838
9:58:36	11.6641	5.9886	0.2838
9:58:46	11.704	5.9778	0.2761
9:58:56	11.5975	6.0879	0.2439
9:59:06	11.6088	6.0504	0.2451
9:59:16	11.6433	6.0463	0.26
9:59:26	11.7653	5.9415	0.26
9:59:36	11.9123	5.8428	0.2678
9:59:46	11.9885	5.788	0.26
9:59:56	12.1069	5.6975	0.2666
10:00:06	12.1813	5.6553	0.26
10:00:16	12.2801	5.5797	0.2678
10:00:26	12.261	5.6113	0.2529
10:00:36	12.261	5.6029	0.2404
10:00:46	12.2212	5.6368	0.2356
10:00:56	12.1009	5.7368	0.2291
10:01:06	12.0361	5.7678	0.2368
10:01:16	12.0629	5.7338	0.2451
10:01:26	12.0688	5.7398	0.2451
10:01:36	12.0878	5.7261	0.2451
10:01:46	12.0861	5.7386	0.2451
10:01:56	12.0783	5.7356	0.2493
10:02:06	12.1676	5.6636	0.2404
10:02:16	12.2021	5.647	0.2439
10:02:26	12.2134	5.6333	0.2439

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
10:02:36	12.2057	5.6523	0.2439
10:02:46	12.1182	5.7291	0.2451
10:02:56	12.0801	5.7571	0.2439
10:03:06	12.1069	5.7249	0.2451
10:03:16	12.145	5.7017	0.2451
10:03:26	12.145	5.7029	0.2529
10:03:36	12.164	5.6952	0.2487
10:03:46	12.1241	5.7202	0.2529
10:03:56	12.3509	5.5143	0.2439
10:04:06	12.4901	5.4393	0.2291
10:04:16	12.5705	5.4	0.2368
10:04:26	12.4521	5.4982	0.2451
10:04:36	12.3872	5.5101	0.2451
10:04:46	12.5151	5.4262	0.2368
10:04:56	12.4806	5.4678	0.2451
10:05:06	12.4122	5.5065	0.2451
10:05:16	12.4253	5.4946	0.2487
10:05:26	12.4598	5.4899	0.2451
10:05:36	12.4521	5.5137	0.2451
10:05:46	12.5758	5.4149	0.2368
10:05:56	12.6812	5.3583	0.2428
10:06:06	12.824	5.2768	0.2416
10:06:16	12.8603	5.2661	0.2428
10:06:26	12.9043	5.228	0.2451
10:06:36	12.9978	5.1768	0.2291
10:06:46	13.0603	5.134	0.238
10:06:56	13.0662	5.1566	0.2529
10:07:06	13.0299	5.1691	0.26
10:07:16	13.0567	5.1637	0.2517
10:07:26	12.9763	5.2221	0.2529
10:07:36	12.8371	5.3083	0.2517
10:07:46	12.8924	5.2691	0.2439
10:07:56	12.9383	5.2393	0.2291
10:08:06	12.9139	5.2691	0.2368
10:08:16	12.8335	5.3161	0.2368
10:08:26	12.8204	5.3232	0.2368
10:08:36	12.8163	5.3298	0.2368
10:08:46	12.8127	5.3327	0.2291
10:08:56	12.7556	5.3762	0.2439
10:09:06	12.6961	5.4071	0.2368
10:09:16	12.652	5.4297	0.2279
10:09:26	12.5627	5.4738	0.2291
10:09:36	12.5514	5.472	0.2219
10:09:46	12.5324	5.4744	0.2326

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:09:56	12.4842	5.4845	0.2368
10:10:06	12.4158	5.5369	0.2451
10:10:16	12.3205	5.5791	0.2439
10:10:26	12.2592	5.6124	0.2368
10:10:36	12.2081	5.6493	0.2368
10:10:46	12.1676	5.6761	0.238
10:10:56	12.0992	5.7249	0.2439
10:11:06	12.1069	5.7249	0.2404
10:11:16	12.1051	5.7202	0.2326
10:11:26	12.1545	5.672	0.2207
10:11:36	12.1372	5.6993	0.2368
10:11:46	12.0438	5.7606	0.2291
10:11:56	12.0135	5.7731	0.2338
10:12:06	11.9944	5.7874	0.2207
10:12:16	12.0057	5.7737	0.2291
10:12:26	11.9599	5.8142	0.2368
10:12:36	11.8379	5.9023	0.2207
10:12:46	11.7367	5.9582	0.2279
10:12:56	11.7463	5.9398	0.2291
10:13:06	11.8284	5.8797	0.2207
10:13:16	11.8129	5.9058	0.2291
10:13:26	11.7766	5.9219	0.2291
10:13:36	11.6623	6.0207	0.2368
10:13:46	11.5897	6.0659	0.2326
10:13:56	11.5749	6.0778	0.2368
10:14:06	11.5939	6.0641	0.2368
10:14:16	11.5939	6.0641	0.2368
10:14:26	11.6129	6.0451	0.2291
10:14:36	11.6451	6.0308	0.213
10:14:46	11.6278	6.0445	0.2118
10:14:56	11.5915	6.0641	0.213
10:15:06	11.6034	6.06	0.2207
10:15:16	11.6451	6.0207	0.2291
10:15:26	11.7064	5.9832	0.2368
10:15:36	11.729	5.982	0.2451
10:15:46	11.7463	5.9558	0.2451
10:15:56	11.9081	5.8505	0.2451
10:16:06	11.9885	5.8231	0.2451
10:16:16	12.0075	5.8195	0.238
10:16:26	12.0402	5.7904	0.2451
10:16:36	12.042	5.8035	0.2326
10:16:46	12.0188	5.8148	0.2196
10:16:56	12.0593	5.7797	0.2207
10:17:06	12.1866	5.672	0.213

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:17:16	12.3699	5.5523	0.2059
10:17:26	12.5056	5.4631	0.2368
10:17:36	12.6502	5.3744	0.2428
10:17:46	12.8335	5.2554	0.2451
10:17:56	12.8371	5.2709	0.2356
10:18:06	12.8276	5.2661	0.2326
10:18:16	12.8811	5.2268	0.2207
10:18:26	12.9519	5.1792	0.2207
10:18:36	13.0186	5.1447	0.2243
10:18:46	12.927	5.2226	0.2207
10:18:56	12.8585	5.253	0.2279
10:19:06	12.8776	5.2459	0.2291
10:19:16	12.7817	5.306	0.2291
10:19:26	12.6389	5.3893	0.2142
10:19:36	12.5247	5.4393	0.2106
10:19:46	12.5455	5.3964	0.2047
10:19:56	12.5586	5.3928	0.1981
10:20:06	12.6925	5.2893	0.2059
10:20:16	12.5324	5.4232	0.213
10:20:26	12.3283	5.5095	0.2142
10:20:36	12.2902	5.5309	0.2207
10:20:46	12.1771	5.6357	0.2166
10:20:56	12.1295	5.6577	0.2059
10:21:06	12.0861	5.6975	0.213
10:21:16	12.0117	5.7452	0.213
10:21:26	12.0135	5.7291	0.213
10:21:36	11.9998	5.7469	0.213
10:21:46	11.9046	5.8261	0.213
10:21:56	11.8302	5.8826	0.2047
10:22:06	11.7921	5.9076	0.213
10:22:16	11.8284	5.8695	0.2094
10:22:26	11.8111	5.9035	0.213
10:22:36	11.7367	5.9576	0.213
10:22:46	11.6588	6.0118	0.1969
10:22:56	11.607	6.0558	0.1981
10:23:06	11.6338	6.0064	0.2047
10:23:16	11.6927	5.9707	0.213
10:23:26	11.6129	6.0391	0.2207
10:23:36	11.5784	6.0528	0.2291
10:23:46	11.5749	6.0528	0.213
10:23:56	11.6201	6.01	0.1957
10:24:06	11.6891	5.9582	0.1993
10:24:16	11.7635	5.9035	0.1981
10:24:26	11.8742	5.8184	0.191

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:24:36	11.9635	5.7719	0.1773
10:24:46	11.8837	5.8523	0.2017
10:24:56	11.773	5.9356	0.213
10:25:06	11.7082	5.957	0.213
10:25:16	11.704	5.9576	0.213
10:25:26	11.7308	5.9219	0.2178
10:25:36	11.748	5.9195	0.213
10:25:46	11.7593	5.913	0.2047
10:25:56	11.7367	5.9279	0.1969
10:26:06	11.779	5.8981	0.1934
10:26:16	11.71	5.9653	0.1946
10:26:26	11.5915	6.0534	0.2047
10:26:36	11.5326	6.0963	0.213
10:26:46	11.5213	6.11	0.2207
10:26:56	11.4868	6.1457	0.2154
10:27:06	11.5517	6.0927	0.213
10:27:16	11.6088	6.0582	0.2207
10:27:26	11.6415	6.0362	0.2291
10:27:36	11.6873	5.9957	0.2207
10:27:46	11.651	6.0356	0.2196
10:27:56	11.5552	6.0969	0.2094
10:28:06	11.5552	6.0862	0.2166
10:28:16	11.5439	6.1034	0.2059
10:28:26	11.5802	6.076	0.1969
10:28:36	11.5689	6.0909	0.1969
10:28:46	11.6493	6.0177	0.1969
10:28:56	11.8302	5.9017	0.1969
10:29:06	11.8891	5.8779	0.1969
10:29:16	11.9123	5.863	0.2094
10:29:26	11.9694	5.8255	0.213
10:29:36	11.9849	5.8184	0.213
10:29:46	12.0438	5.7678	0.2059
10:29:56	12.0801	5.7362	0.1898
10:30:06	12.0896	5.7273	0.191
10:30:16	12.0783	5.7499	0.1969
10:30:26	12.0611	5.7636	0.1981
10:30:36	12.0533	5.769	0.1981
10:30:46	12.0515	5.763	0.2094
10:30:56	12.1866	5.6577	0.2219
10:31:06	12.3836	5.5517	0.2219
10:31:16	12.4866	5.5065	0.213
10:31:26	12.4901	5.5143	0.2142
10:31:36	12.4919	5.5035	0.2207
10:31:46	12.5895	5.4458	0.2255

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:31:56	12.6371	5.4107	0.213
10:32:06	12.6467	5.4071	0.2047
10:32:16	12.6467	5.403	0.2047
10:32:26	12.6621	5.3976	0.1981
10:32:36	12.6812	5.3839	0.1969
10:32:46	12.6883	5.3762	0.1981
10:32:56	12.658	5.4	0.1898
10:33:06	12.5854	5.4381	0.1969
10:33:16	12.6104	5.4161	0.2059
10:33:26	12.6562	5.3905	0.213
10:33:36	12.6734	5.3821	0.2207
10:33:46	12.658	5.4012	0.2196
10:33:56	12.5395	5.4631	0.213
10:34:06	12.433	5.519	0.2047
10:34:16	12.389	5.5392	0.2047
10:34:26	12.3967	5.5327	0.1969
10:34:36	12.4253	5.5035	0.213
10:34:46	12.4538	5.4869	0.213
10:34:56	12.4348	5.4982	0.1969
10:35:06	12.53	5.4226	0.1969
10:35:16	12.5247	5.4458	0.1969
10:35:26	12.5532	5.4178	0.2059
10:35:36	12.5264	5.4607	0.2142
10:35:46	12.5455	5.4274	0.2059
10:35:56	12.5324	5.4446	0.1981
10:36:06	12.4122	5.5244	0.1981
10:36:16	12.2747	5.6065	0.2047
10:36:26	12.1545	5.6773	0.2142
10:36:36	12.1372	5.6874	0.2279
10:36:46	12.0896	5.7356	0.2368
10:36:56	12.0266	5.7713	0.2291
10:37:06	12.0022	5.785	0.2291
10:37:16	11.992	5.7957	0.2279
10:37:26	11.9754	5.8088	0.2207
10:37:36	11.9373	5.8285	0.2207
10:37:46	11.9486	5.8172	0.2207
10:37:56	11.8337	5.9177	0.2291
10:38:06	11.7064	5.9909	0.2196
10:38:16	11.685	6.0011	0.2047
10:38:26	11.6796	6.0022	0.213
10:38:36	11.7332	5.957	0.2207
10:38:46	11.7576	5.9499	0.2166
10:38:56	11.6814	6.0088	0.213
10:39:06	11.6778	5.9933	0.213



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
10:39:16	11.7498	5.9421	0.2047
10:39:26	11.7712	5.9302	0.2041
10:39:36	11.798	5.8987	0.1969
10:39:46	11.8855	5.8309	0.1969
10:39:56	11.9825	5.7743	0.1898
10:40:06	12.0212	5.7559	0.1969
10:40:16	11.9867	5.7719	0.2047
10:40:26	11.9807	5.769	0.1868
10:40:36	12.0551	5.7362	0.1981
10:40:46	12.0569	5.7422	0.191
10:40:56	12.0361	5.7743	0.1898
10:41:06	12.0402	5.7612	0.1898
10:41:16	12.0402	5.7636	0.1832
10:41:26	12.0117	5.785	0.1898
10:41:36	11.9581	5.8314	0.191
10:41:46	11.8968	5.8886	0.1969
10:41:56	11.8796	5.9011	0.1898
<b>End Run 1A</b>	<b>12.19793</b>	<b>5.653521</b>	<b>0.248918</b>
10:42:06	11.973	5.8291	0.1898
10:42:16	12.0361	5.7975	0.1898
10:42:26	12.0956	5.7684	0.1946
10:42:36	12.1164	5.7547	0.1969
10:42:46	12.1009	5.7577	0.1898
10:42:56	12.0819	5.7571	0.1969
10:43:06	12.0515	5.7803	0.213
10:43:16	12.0456	5.7797	0.1981
10:43:26	11.9658	5.8392	0.1821
10:43:36	11.9028	5.8677	0.1934
10:43:46	11.8742	5.8826	0.1898
10:43:56	11.8337	5.9011	0.1969
10:44:06	11.8683	5.8689	0.2178
10:44:16	11.87	5.8749	0.2207
10:44:26	11.87	5.8761	0.2207
10:44:36	11.9331	5.8041	0.2291
10:44:46	12.12	5.6422	0.2243
10:44:56	12.5169	5.3411	0.213
10:45:06	13.0793	4.9483	0.213
10:45:16	13.4441	4.7001	0.1981
10:45:26	13.3578	4.7436	0.2017
10:45:36	13.1579	4.8198	0.1898
10:45:46	12.9573	4.931	0.1892
10:45:56	12.5681	5.1494	0.1898
10:46:06	12.2783	5.2792	0.1981

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
10:46:16	12.1432	5.3417	0.1969
10:46:26	12.0533	5.3756	0.2368
10:46:36	11.6225	5.2215	0.5516
10:46:46	3.2659	1.0337	0.1077
10:46:56	1.3413	0.6242	0.072
10:47:06	0.4505	0.2213	0.0559
10:47:16	0.1279	0.1023	0.047
10:47:26	0.0648	0.0833	0.0422
10:47:36	0.0476	0.0708	0.0309
10:47:46	0.0363	0.0648	0.0345
10:47:56	0.0309	0.0613	0.0273
10:48:06	0.0232	0.0529	0.0208
10:48:16	0.0172	0.0482	0.0184
<b>Zero Bias</b>	<b>0.023767</b>	<b>0.054133</b>	<b>0.022167</b>
10:48:26	0.0172	0.0464	0.0321
10:48:36	6.2147	3.4903	0.1065
10:48:46	7.6412	7.9792	0.0422
10:48:56	9.3908	9.1974	0.0422
10:49:06	9.9359	9.9145	0.0422
10:49:16	10.0508	10.0323	0.0345
10:49:26	10.0674	10.0615	0.0345
10:49:36	10.0752	10.0746	0.0357
10:49:46	10.077	10.0829	0.0422
10:49:56	10.0793	10.0877	0.041
10:50:06	10.0793	10.0954	0.0357
10:50:16	10.0829	10.1014	0.038
<b>O2/CO2 Bias</b>	<b>10.0805</b>	<b>10.09483</b>	<b>0.038233</b>
10:50:26	10.0865	10.1049	0.047
10:50:36	10.5179	8.4357	0.2047
10:50:46	11.4374	8.9826	13.7304
10:50:56	19.2846	1.1229	21.4256
10:51:06	20.0968	0.67	21.698
10:51:16	20.6482	0.2106	21.8068
10:51:26	20.7323	0.1327	21.9282
10:51:36	20.7529	0.11	22.0354
10:51:46	20.7625	0.0922	22.1064
10:51:56	20.772	0.0809	22.2096
10:52:06	20.7761	0.0755	22.2681
10:52:16	20.7781	0.0726	21.697
10:52:26	16.9059	2.9755	12.3664
10:52:36	20.4573	0.1535	8.616
10:52:46	20.4498	0.3029	7.8239

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:52:56	20.7091	0.1083	7.8274
10:53:06	20.7781	0.0624	7.8429
10:53:16	20.7856	0.0559	7.834
10:53:26	19.1662	1.1164	4.6192
10:53:36	20.198	0.232	19.3324
10:53:46	20.484	0.2826	22.6467
10:53:56	20.6824	0.1148	22.7545
10:54:06	20.7816	0.0476	22.8114
10:54:16	20.7952	0.0392	22.8824
10:54:26	20.8007	0.0357	22.9408
10:54:36	20.8027	0.0339	22.972
10:54:46	20.7987	0.0339	22.975
10:54:56	20.8007	0.0327	24.7641
10:55:06	20.7987	0.0327	24.7847
10:55:16	20.7987	0.0339	24.8326
10:55:26	20.8027	0.0327	24.8829
10:55:36	20.8027	0.0345	24.9358
10:55:46	20.8048	0.0327	24.7631
10:55:56	20.8048	0.0321	24.7893
10:56:06	20.8048	0.0238	24.8039
10:56:16	20.8048	0.022	24.8316
10:56:26	20.8083	0.0238	24.8855
10:56:36	20.8063	0.0232	24.9288
10:56:46	20.8048	0.0267	17.2462
10:56:56	14.7355	4.0289	1.1342
10:57:06	14.0083	4.2586	0.4064
10:57:16	13.4019	4.6192	0.3719
10:57:26	13.1537	4.762	0.3529
10:57:36	13.0644	4.8114	0.3433
10:57:46	13.0246	4.8376	0.3296
10:57:56	12.9043	4.9114	0.3219
10:58:06	12.7193	5.0203	0.3148
10:58:16	12.5586	5.1054	0.3148
10:58:26	12.4235	5.1828	0.3219
10:58:36	12.2688	5.2691	0.3148
10:58:46	12.2057	5.2953	0.307
10:58:56	12.164	5.3179	0.307
10:59:06	12.0765	5.3708	0.2987
10:59:16	11.9254	5.4553	0.291
10:59:26	11.8492	5.4904	0.2826
10:59:36	11.8171	5.5071	0.2826
10:59:46	11.7671	5.5315	0.2826
10:59:56	11.729	5.5517	0.2826
11:00:06	11.6927	5.5732	0.2678

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:00:16	11.71	5.5648	0.2517
11:00:26	11.704	5.5761	0.2439
11:00:36	11.6606	5.6136	0.2517
11:00:46	11.6659	5.6083	0.2529
11:00:56	11.6754	5.5976	0.2451
11:01:06	11.6641	5.6083	0.2451
11:01:16	11.6606	5.6148	0.2439
11:01:26	11.6433	5.6232	0.2439
11:01:36	11.6243	5.6357	0.2439
11:01:46	11.6034	5.6523	0.2517
11:01:56	11.6147	5.6464	0.2439
11:02:06	11.6659	5.6059	0.2291
11:02:16	11.6373	5.6285	0.2196
11:02:26	11.7141	5.566	0.2207
11:02:36	11.9331	5.4571	0.2368
11:02:46	12.1027	5.3756	0.2291
11:02:56	12.2271	5.3113	0.2291
11:03:06	12.2515	5.297	0.2368
11:03:16	12.2938	5.2703	0.2291
11:03:26	12.3051	5.2649	0.2291
11:03:36	12.292	5.2685	0.2291
11:03:46	12.2842	5.2792	0.2392
11:03:56	12.1849	5.3464	0.2368
11:04:06	12.0646	5.4059	0.2291
11:04:16	12.0152	5.4196	0.2255
11:04:26	11.9712	5.4446	0.213
11:04:36	11.9522	5.444	0.2356
11:04:46	11.9522	5.469	0.2291
11:04:56	11.9176	5.4732	0.2279
11:05:06	11.9236	5.4649	0.2207
11:05:16	11.9254	5.4595	0.213
11:05:26	11.9409	5.4476	0.213
11:05:36	11.9373	5.4524	0.213
11:05:46	12.0039	5.4119	0.213
11:05:56	12.1908	5.3083	0.2059
11:06:06	12.3205	5.2435	0.2207
11:06:16	12.3699	5.2268	0.2178
11:06:26	12.3717	5.228	0.2207
11:06:36	12.3586	5.2328	0.2243
11:06:46	12.3759	5.2244	0.2005
11:06:56	12.3967	5.2024	0.2047
11:07:06	12.3967	5.2173	0.2047
11:07:16	12.3967	5.2107	0.2047
11:07:26	12.4122	5.2042	0.2207

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:07:36	12.4348	5.1899	0.213
11:07:46	12.4443	5.184	0.1993
11:07:56	12.4312	5.1953	0.2142
11:08:06	12.4538	5.1792	0.2243
11:08:16	12.4598	5.1774	0.2166
11:08:26	12.4806	5.1727	0.2017
11:08:36	12.4616	5.1852	0.1969
11:08:46	12.4919	5.1649	0.1969
11:08:56	12.5092	5.1405	0.2059
11:09:06	12.5074	5.15	0.2207
11:09:16	12.5187	5.1477	0.2291
11:09:26	12.5014	5.1619	0.2142
11:09:36	12.5032	5.1631	0.2207
11:09:46	12.5134	5.153	0.2047
11:09:56	12.536	5.1352	0.213
11:10:06	12.5491	5.1304	0.2166
11:10:16	12.5395	5.1387	0.2047
11:10:26	12.536	5.1411	0.2017
11:10:36	12.5514	5.1334	0.1969
11:10:46	12.5491	5.1298	0.213
11:10:56	12.5586	5.134	0.2142
11:11:06	12.5324	5.1435	0.2291
11:11:16	12.5437	5.1381	0.2207
11:11:26	12.5491	5.134	0.213
11:11:36	12.555	5.1233	0.2207
11:11:46	12.5681	5.1274	0.2279
11:11:56	12.5681	5.1274	0.2082
11:12:06	12.5532	5.1334	0.1969
11:12:16	12.5473	5.1375	0.1773
11:12:26	12.5264	5.153	0.1821
11:12:36	12.5247	5.1578	0.1743
11:12:46	12.5056	5.1715	0.1749
11:12:56	12.5134	5.1518	0.1957
11:13:06	12.5324	5.1489	0.1898
11:13:16	12.5205	5.1566	0.1898
11:13:26	12.5229	5.1566	0.1969
11:13:36	12.5342	5.1489	0.1969
11:13:46	12.5378	5.1393	0.2047
11:13:56	12.5247	5.1602	0.1969
11:14:06	12.5056	5.1715	0.1898
11:14:16	12.5342	5.1548	0.1898
11:14:26	12.5264	5.1596	0.1856
11:14:36	12.5282	5.1441	0.1898
11:14:46	12.5342	5.1459	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:14:56	12.5342	5.1435	0.1969
11:15:06	12.5014	5.1685	0.2094
11:15:16	12.4937	5.1715	0.2291
11:15:26	12.4824	5.181	0.2279
11:15:36	12.4997	5.1715	0.2338
11:15:46	12.4884	5.1774	0.2689
11:15:56	12.5491	5.1393	0.2493
11:16:06	12.4901	5.1738	0.1969
11:16:16	12.5264	5.1715	0.1743
11:16:26	12.5169	5.1679	0.1648
11:16:36	12.5324	5.1554	0.1594
11:16:46	12.6234	5.0739	5.71
11:16:56	6.783	0.8539	0.5713
11:17:06	1.9382	0.4576	0.038
11:17:16	0.5873	0.1588	0.0136
11:17:26	0.1184	0.0892	-0.0078
11:17:36	0.0613	0.0749	-0.0024
11:17:46	0.0422	0.0636	0.0047
11:17:56	0.0327	0.0583	0.0047
11:18:06	0.0267	0.0541	0.0184
11:18:16	0.0208	0.0553	0.0184
11:18:26	0.0267	0.0517	0.0113
11:18:36	0.0136	0.0452	0.0047
11:18:46	0.1053	0.0726	0.0851
11:18:56	4.2538	1.0622	11.0286
11:19:06	18.4049	0.0999	21.2026
11:19:16	19.3702	0.2071	21.619
11:19:26	20.1028	0.1136	21.7736
11:19:36	20.5812	0.0624	21.9695
11:19:46	20.7131	0.0488	22.1487
11:19:56	20.7529	0.0458	22.2827
11:20:06	20.761	0.0446	22.4498
11:20:16	20.7685	0.0428	22.6241
11:20:26	20.7761	0.0434	22.7796
11:20:36	20.774	0.0398	22.9156
11:20:46	20.7816	0.0351	23.046
11:20:56	20.7816	0.0345	23.1558
11:21:06	20.7876	0.0345	23.252
11:21:16	20.7856	0.0345	23.3542
11:21:26	20.7932	0.0339	23.4891
11:21:36	20.7892	0.0327	23.5853
11:21:46	20.8007	0.0339	23.7213
11:21:56	20.7972	0.0327	23.7616
11:22:06	20.8007	0.0345	23.8517

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:22:16	20.8027	0.0339	23.9272
11:22:26	20.8083	0.0351	24.0304
11:22:36	20.7987	0.0369	24.1176
11:22:46	20.8027	0.0315	24.1734
11:22:56	20.8179	0.0291	24.2399
11:23:06	20.8027	0.0285	24.2867
11:23:16	20.8103	0.0297	24.3255
11:23:26	20.8083	0.0297	24.393
11:23:36	20.8143	0.0309	24.4746
11:23:46	20.8083	0.0297	24.534
11:23:56	20.8103	0.0315	24.607
11:24:06	20.8048	0.0321	24.6508
11:24:16	20.8083	0.0315	23.6493
11:24:26	17.4703	2.4447	16.3352
11:24:36	20.6461	0.0624	15.2711
11:24:46	20.5928	0.1392	15.089
11:24:56	20.6844	0.0666	15.1211
11:25:06	20.7187	0.0232	15.1574
11:25:16	20.7207	0.0184	15.1723
11:25:26	20.7227	0.019	15.1931
11:25:36	20.7262	0.0178	15.233
11:25:46	20.7166	0.0208	15.2592
11:25:56	20.7282	0.0208	15.2824
11:26:06	20.5374	0.1392	11.1208
11:26:16	20.055	0.1809	10.1049
11:26:26	20.696	0.1047	8.7517
11:26:36	20.6824	0.1041	8.7528
11:26:46	20.7816	0.0398	8.7725
11:26:56	20.8048	0.0267	8.7874
11:27:06	20.8103	0.0232	8.8022
11:27:16	20.8123	0.0136	8.7963
11:27:26	20.8083	0.0148	8.8112
11:27:36	20.8063	0.0125	8.8183
11:27:46	20.8123	0.0136	8.7094
11:27:56	16.2382	3.6533	2.4113
11:28:06	13.1674	4.7817	0.3529
11:28:16	12.8621	4.9685	0.3148
11:28:26	12.5264	5.1631	1.1307
11:28:36	19.0957	0.6706	16.7311
11:28:46	20.1295	0.4844	23.33
11:28:56	20.5052	0.2267	23.7193
11:29:06	20.7453	0.0702	24.1412
11:29:16	20.7932	0.0422	24.4242
11:29:26	20.7972	0.0321	24.6166

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:29:36	20.8007	0.0398	24.7535
11:29:46	20.8103	0.0369	24.8568
11:29:56	20.8103	0.0339	24.9665
11:30:06	20.8063	0.0321	24.8542
11:30:16	20.8103	0.0309	24.8452
11:30:26	20.8103	0.0285	24.8432
11:30:36	20.8143	0.0267	24.9016
11:30:46	20.8179	0.0244	24.9736
11:30:56	20.8158	0.0232	24.8306
11:31:06	20.8123	0.022	24.8477
11:31:16	20.8143	0.0232	24.9539
11:31:26	20.8103	0.0202	25.0808
11:31:36	20.8143	0.0184	25.1543
11:31:46	20.8158	0.0392	25.2238
11:31:56	20.8158	0.0297	24.8306
11:32:06	20.8143	0.0297	24.8406
11:32:16	20.8103	0.0315	24.8145
11:32:26	20.8143	0.0327	24.7722
11:32:36	20.8179	0.0327	24.7973
<b>THC Span Bias 24.7</b>	<b>20.81417</b>	<b>0.0323</b>	<b>24.79467</b>
11:32:46	20.8219	0.0339	24.6553
11:32:56	20.8179	0.0339	24.6941
11:33:06	20.8143	0.0327	24.7364
11:33:16	20.8179	0.0339	24.756
11:33:26	20.3909	0.2939	17.2689
11:33:36	20.202	0.1678	12.5663
11:33:46	20.7282	0.1017	8.6499
11:33:56	20.7015	0.1083	8.6053
11:34:06	20.7892	0.0398	8.6023
11:34:16	20.8143	0.0232	8.6124
11:34:26	20.8199	0.0214	8.594
11:34:36	20.8103	0.0202	8.6053
11:34:46	20.8103	0.0202	8.6136
<b>THC Low Bias</b>	<b>20.8135</b>	<b>0.0206</b>	<b>8.6043</b>
11:34:56	20.8083	0.019	8.6213
11:35:06	19.2367	1.1509	5.616
11:35:16	20.3047	0.1041	12.8317
11:35:26	20.6366	0.1005	15.0819
11:35:36	20.6195	0.1071	15.1497
11:35:46	20.7056	0.0422	15.1646
11:35:56	20.7282	0.0244	15.1771
11:36:06	20.7262	0.0136	15.2044



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
11:36:16	20.7302	0.0077	15.2169
11:36:26	20.7262	0.0077	15.2366
11:36:36	20.7378	0.0095	15.2443
<b>THC Mid Bias 14.7</b>	<b>20.7314</b>	<b>0.0083</b>	<b>15.2326</b>
11:36:46	20.7323	0.0083	15.1051
11:36:56	16.2691	3.5914	4.5073
11:37:06	16.9461	0.4921	5.4446
11:37:16	1.7895	0.1803	0.1487
11:37:26	1.1348	0.1963	-0.0078
11:37:36	0.4159	0.0613	-0.0114
11:37:46	0.1487	0.0273	-0.0262
11:37:56	0.0803	0.019	-0.0423
11:38:06	0.0613	0.0178	-0.0411
11:38:16	0.0535	0.0166	-0.056
11:38:26	0.038	0.0244	-0.05
11:38:36	0.038	0.0267	-0.05
11:38:46	0.0285	0.0261	-0.0548
<b>Zero Bias</b>	<b>0.034833</b>	<b>0.025733</b>	<b>-0.0516</b>
11:38:56	0.0309	0.0255	0.0011
11:39:06	10.8113	4.7251	0.2463
11:39:16	11.5594	4.8311	0.2987
11:39:26	12.0361	5.034	0.291
11:39:36	12.3378	5.1548	0.291
11:39:46	12.4556	5.1822	0.3088
11:39:56	12.4348	5.2232	0.2987
11:40:06	12.414	5.2405	0.2791
11:40:16	12.4044	5.2542	0.2826
11:40:26	12.4175	5.2381	0.2838
11:40:36	12.439	5.2411	0.2749
11:40:46	12.439	5.2328	0.2666
11:40:56	12.4407	5.2441	0.2517
11:41:06	12.4175	5.253	0.2439
11:41:16	12.4062	5.2619	0.2368
11:41:26	12.4253	5.2465	0.2356
11:41:36	12.4348	5.247	0.2326
11:41:46	12.4027	5.2661	0.2291
11:41:56	12.408	5.2625	0.2291
11:42:06	12.4271	5.25	0.2207
11:42:16	12.4634	5.2334	0.2207
11:42:26	12.4675	5.2417	0.2207
11:42:36	12.4461	5.2548	0.2291
11:42:46	12.4235	5.2661	0.2291

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:42:56	12.4288	5.2637	0.2059
11:43:06	12.4443	5.2673	0.2059
11:43:16	12.5032	5.2393	0.2047
11:43:26	12.5419	5.209	0.2047
11:43:36	12.561	5.1988	0.2047
11:43:46	12.5437	5.209	0.1993
11:43:56	12.536	5.2119	0.1969
11:44:06	12.5247	5.2232	0.1969
11:44:16	12.5324	5.2179	0.1969
11:44:26	12.555	5.2006	0.1981
11:44:36	12.5324	5.2203	0.1969
11:44:46	12.5282	5.2173	0.1969
11:44:56	12.5282	5.2197	0.1981
11:45:06	12.5229	5.2298	0.2047
11:45:16	12.5455	5.2221	0.1934
11:45:26	12.5151	5.2334	0.1898
11:45:36	12.5586	5.2119	0.2041
11:45:46	12.5395	5.225	0.1821
11:45:56	12.5324	5.2244	0.1821
11:46:06	12.5092	5.2381	0.1821
11:46:16	12.5014	5.25	0.1821
11:46:26	12.4961	5.2578	0.1743
11:46:36	12.5282	5.2286	0.1743
11:46:46	12.5455	5.2149	0.1743
11:46:56	12.5247	5.2334	0.1892
11:47:06	12.5568	5.2197	0.166
11:47:16	12.5437	5.2244	0.166
11:47:26	12.555	5.2256	0.1743
11:47:36	12.5681	5.2215	0.1832
11:47:46	12.7437	5.1221	0.1749
11:47:56	13.2668	4.8626	0.1672
11:48:06	13.5048	4.7894	0.1624
11:48:16	13.5869	4.7781	0.1743
11:48:26	13.5774	4.7906	0.1785
11:48:36	13.581	4.8079	0.1821
11:48:46	13.5869	4.809	0.1743
11:48:56	13.5887	4.8144	0.1731
11:49:06	13.5524	4.8352	0.1743
11:49:16	13.5393	4.8412	0.1821
11:49:26	13.5221	4.8537	0.1868
11:49:36	13.5185	4.8453	0.2005
11:49:46	13.484	4.8876	0.1809
11:49:56	13.2858	5.0495	0.1743
11:50:06	13.0436	5.2096	0.1749

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:50:16	13.0436	5.2084	0.1821
11:50:26	13.19	5.1649	0.1743
11:50:36	13.2281	5.1649	0.1743
11:50:46	13.2019	5.2054	0.1731
11:50:56	13.0168	5.3113	0.1743
11:51:06	12.8734	5.3756	0.1821
11:51:16	12.7746	5.4369	0.1898
11:51:26	12.6961	5.4702	0.1821
11:51:36	12.6865	5.4988	0.1856
11:51:46	12.6657	5.4976	0.1821
11:51:56	12.6353	5.5143	0.1761
11:52:06	12.6276	5.5113	0.1898
11:52:16	12.5758	5.541	0.1946
11:52:26	12.5151	5.5684	0.1981
11:52:36	12.53	5.5767	0.1969
11:52:46	12.5568	5.5571	0.1856
11:52:56	12.5378	5.5636	0.1868
11:53:06	12.4824	5.6083	0.1821
11:53:16	12.267	5.7517	0.1868
11:53:26	12.0861	5.8576	0.1898
11:53:36	12.0022	5.9279	0.1898
11:53:46	11.9635	5.9445	0.1821
11:53:56	11.9522	5.9421	0.1773
11:54:06	11.9218	5.9534	0.1743
11:54:16	11.9081	5.9528	0.1785
11:54:26	11.9105	5.963	0.1898
11:54:36	11.901	5.9814	0.1708
11:54:46	11.9063	5.9689	0.1749
11:54:56	11.9105	5.9606	0.1821
11:55:06	11.9123	5.9719	0.1832
11:55:16	11.8932	5.985	0.1898
11:55:26	11.8397	6.0278	0.1821
11:55:36	11.8397	6.0112	0.1832
11:55:46	11.8683	5.9737	0.1898
11:55:56	11.92	5.9481	0.1898
11:56:06	11.9486	5.9255	0.1898
11:56:16	11.9504	5.9284	0.1832
11:56:26	11.9563	5.9231	0.2047
11:56:36	11.9581	5.9261	0.1946
11:56:46	12.0039	5.8749	0.1898
11:56:56	12.0402	5.8576	0.1856
11:57:06	12.023	5.8689	0.1684
11:57:16	12.0212	5.8677	0.1832
11:57:26	12.0402	5.86	0.1624

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:57:36	12.1676	5.7707	0.1594
11:57:46	12.2479	5.71	0.1749
11:57:56	12.3092	5.6737	0.1797
11:58:06	12.3301	5.6666	0.1749
11:58:16	12.3354	5.6601	0.1731
11:58:26	12.3205	5.6821	0.1749
11:58:36	12.3128	5.6708	0.1672
11:58:46	12.3051	5.6827	0.1672
11:58:56	12.3931	5.619	0.1743
11:59:06	12.5187	5.5523	0.1821
11:59:16	12.5931	5.5172	0.1898
11:59:26	12.652	5.491	0.1969
11:59:36	12.6752	5.4738	0.1981
11:59:46	12.6407	5.4952	0.1969
11:59:56	12.58	5.5309	0.1981
12:00:06	12.5514	5.5416	0.1969
12:00:16	12.5455	5.5446	0.1969
12:00:26	12.555	5.525	0.1832
12:00:36	12.5491	5.5303	0.1743
12:00:46	12.5455	5.5232	0.191
12:00:56	12.5741	5.5232	0.2047
12:01:06	12.5491	5.5398	0.1719
12:01:16	12.5169	5.5559	0.1749
12:01:26	12.4866	5.5684	0.1672
12:01:36	12.511	5.5506	0.1749
12:01:46	12.5645	5.5166	0.1743
12:01:56	12.6675	5.4524	0.1743
12:02:06	12.7193	5.4274	0.1749
12:02:16	12.7365	5.4297	0.1708
12:02:26	12.7097	5.4381	0.1672
12:02:36	12.6788	5.4547	0.1594
12:02:46	12.6449	5.4637	0.1583
12:02:56	12.6407	5.4684	0.1559
12:03:06	12.5931	5.4881	0.1511
12:03:16	12.6217	5.4803	0.1594
12:03:26	12.5931	5.5018	0.1672
12:03:36	12.4884	5.5601	0.1672
12:03:46	12.4217	5.5928	0.1624
12:03:56	12.3568	5.6315	0.1594
12:04:06	12.3527	5.6285	0.1594
12:04:16	12.3378	5.638	0.1672
12:04:26	12.3283	5.6398	0.1749
12:04:36	12.3509	5.6255	0.1672
12:04:46	12.292	5.6767	0.1594

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:04:56	12.2366	5.7142	0.1594
12:05:06	12.1735	5.7582	0.1672
12:05:16	12.1795	5.7612	0.1594
12:05:26	12.1718	5.7475	0.1594
12:05:36	12.1718	5.7624	0.1743
12:05:46	12.1527	5.7886	0.1832
12:05:56	12.1485	5.8017	0.191
12:06:06	12.189	5.7707	0.1749
12:06:16	12.2098	5.7505	0.16
12:06:26	12.189	5.7553	0.1511
12:06:36	12.1771	5.7577	0.1464
12:06:46	12.1277	5.7904	0.1583
12:06:56	12.1164	5.807	0.1743
12:07:06	12.1087	5.8047	0.1821
12:07:16	12.1182	5.8017	0.1868
12:07:26	12.1146	5.8112	0.1821
12:07:36	12.1259	5.81	0.1821
12:07:46	12.17	5.7832	0.1898
12:07:56	12.2747	5.7136	0.1821
12:08:06	12.3378	5.6785	0.1743
12:08:16	12.3396	5.6898	0.1743
12:08:26	12.3259	5.694	0.1749
12:08:36	12.3949	5.6487	0.1672
12:08:46	12.4711	5.6142	0.1594
12:08:56	12.5056	5.5892	0.1583
12:09:06	12.5877	5.5381	0.1511
12:09:16	12.6865	5.4744	0.1743
12:09:26	12.8145	5.3982	0.191
12:09:36	12.9615	5.3244	0.1785
12:09:46	12.9668	5.3333	0.1672
12:09:56	13.0168	5.2625	0.1636
12:10:06	13.0835	5.2441	0.1832
12:10:16	13.1388	5.2125	0.1749
12:10:26	13.2055	5.1792	0.1743
12:10:36	13.2281	5.1709	0.1809
12:10:46	13.1864	5.2125	0.1672
12:10:56	13.0049	5.1846	0.1672
12:11:06	13.0853	5.247	0.16
12:11:16	13.0853	5.2476	0.1434
12:11:26	13.0739	5.2393	1.3366
12:11:36	15.1818	0.7587	7.0842
12:11:46	19.6985	0.5058	8.0334
12:11:56	20.1406	0.2029	9.1879
12:12:06	20.5318	0.1095	8.9498

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:12:16	20.6331	0.0797	8.6338
12:12:26	20.6537	0.0785	9.0837
12:12:36	20.6633	0.0613	8.9635
12:12:46	20.6618	0.0595	9.3343
12:12:56	20.6708	0.0488	10.2728
12:13:06	20.6844	0.0458	11.1928
12:13:16	20.6789	0.0446	11.8147
12:13:26	20.6804	0.0404	12.0938
12:13:36	20.6864	0.0392	12.3182
12:13:46	20.6844	0.0369	12.5461
12:13:56	20.69	0.0374	12.6966
12:14:06	20.698	0.0374	12.8228
12:14:16	20.6884	0.0351	12.9395
12:14:26	20.6995	0.0345	13.0507
12:14:36	20.694	0.0321	13.1882
12:14:46	20.7015	0.0285	13.3025
12:14:56	20.692	0.0285	13.3709
12:15:06	20.6749	0.0517	13.578
12:15:16	20.6366	0.0434	13.6226
12:15:26	20.6653	0.0309	13.4798
12:15:36	20.6995	0.0244	13.5554
12:15:46	20.7111	0.0261	13.5816
12:15:56	20.7056	0.0244	13.5012
12:16:06	20.7036	0.0261	13.3251
12:16:16	20.7151	0.0255	13.5292
12:16:26	20.7056	0.0238	13.6334
12:16:36	20.7056	0.0238	13.7351
12:16:46	20.692	0.0267	13.8393
12:16:56	20.692	0.0291	13.9202
12:17:06	20.694	0.0261	14.0339
12:17:16	20.6844	0.0255	14.1755
12:17:26	20.6864	0.0255	14.3356
12:17:36	20.6844	0.0255	14.4481
12:17:46	20.7015	0.0255	14.4915
12:17:56	20.7111	0.0255	14.5076
12:18:06	20.7091	0.0255	14.4653
12:18:16	20.7071	0.0267	14.2249
12:18:26	20.6995	0.0297	14.2683
12:18:36	20.692	0.0273	14.3951
12:18:46	20.696	0.0261	14.4975
12:18:56	20.696	0.0244	14.5635
12:19:06	20.7036	0.0255	14.5855
12:19:16	20.6995	0.0255	14.5909
12:19:26	20.698	0.0273	5.6136

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
12:19:36	18.205	2.2233	0.4249
12:19:46	12.4485	5.6499	0.3148
12:19:56	11.8147	6.01	0.307
12:20:06	11.6701	6.1195	0.291
12:20:16	11.651	6.1421	0.291
12:20:26	11.6546	6.1314	0.2701
12:20:36	11.651	6.1457	0.2654
12:20:46	11.5267	6.2427	0.2451
12:20:56	11.5552	6.1968	0.2553
12:21:06	11.779	6.0421	0.2326
12:21:16	12.1527	5.7696	0.2207
12:21:26	12.458	5.575	0.213
12:21:36	12.658	5.4649	0.213
12:21:46	12.7532	5.4297	0.2047
12:21:56	12.8907	5.3458	0.213
12:22:06	13.0603	5.2595	0.213
12:22:16	13.1466	5.2173	0.213
12:22:26	13.2305	5.1608	0.2207
12:22:36	13.2186	5.1715	0.2207
12:22:46	13.1251	5.2268	0.2196
12:22:56	13.0549	5.2691	0.213
12:23:06	12.9763	5.3161	0.213
12:23:16	12.9954	5.2947	0.2047
12:23:26	13.1138	5.2203	0.2047
12:23:36	13.2055	5.1673	0.1969
12:23:46	13.2763	5.1286	0.2047
12:23:56	13.3316	5.0983	0.2041
12:24:06	13.3846	5.0739	0.1898
12:24:16	13.3769	5.0786	0.1898
12:24:26	13.362	5.0905	0.1898
12:24:36	13.3715	5.081	0.2118
12:24:46	13.3447	5.1024	0.2047
12:24:56	13.3465	5.0989	0.1969
12:25:06	13.3697	5.0864	0.1821
12:25:16	13.381	5.0846	0.1898
12:25:26	13.381	5.084	0.2047
12:25:36	13.3769	5.0947	0.213
12:25:46	13.2816	5.1625	0.2207
12:25:56	13.1959	5.2226	0.2142
12:26:06	13.1614	5.2387	0.213
12:26:16	13.1293	5.2554	0.2219
12:26:26	13.0775	5.2863	0.213
12:26:36	13.0585	5.306	0.2059
12:26:46	13.1025	5.2792	0.1981

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:26:56	13.0126	5.3286	0.1981
12:27:06	12.824	5.444	0.1898
12:27:16	12.7609	5.4821	0.1821
12:27:26	12.7954	5.4494	0.1743
12:27:36	12.7722	5.4553	0.1821
12:27:46	12.6675	5.5256	0.1809
12:27:56	12.6294	5.5369	0.1821
12:28:06	12.6484	5.522	0.1672
12:28:16	12.7169	5.4744	0.166
12:28:26	12.7306	5.4559	0.166
12:28:36	12.7437	5.4357	0.166
12:28:46	12.7532	5.4357	0.1743
12:28:56	12.7764	5.4042	0.1898
12:29:06	12.7651	5.4107	0.1898
12:29:16	12.6199	5.4881	0.1969
12:29:26	12.3509	5.641	0.1898
12:29:36	12.1813	5.7832	0.1898
12:29:46	12.0498	5.8749	0.1821
12:29:56	11.9789	5.9255	0.1821
12:30:06	11.9522	5.9344	0.2047
12:30:16	11.9391	5.9481	0.2047
12:30:26	11.8932	5.988	0.1969
12:30:36	11.895	5.9987	0.1821
12:30:46	11.8819	6.004	0.1743
12:30:56	11.8968	5.985	0.166
12:31:06	11.895	5.9778	0.1821
12:31:16	11.8474	6.0094	0.1743
12:31:26	11.851	6.0058	0.1743
12:31:36	11.8778	5.9856	0.1809
12:31:46	11.8855	5.9909	0.1743
12:31:56	11.9426	5.9469	0.1821
12:32:06	11.9658	5.9225	0.191
12:32:16	11.9712	5.9148	0.1969
12:32:26	11.9754	5.929	0.1832
12:32:36	11.9658	5.932	0.1743
12:32:46	11.9962	5.9035	0.166
12:32:56	12.0057	5.888	0.1749
12:33:06	11.9849	5.8904	0.2047
12:33:16	11.9635	5.9195	0.2142
12:33:26	11.9373	5.9421	0.2279
12:33:36	11.9254	5.9499	0.2356
12:33:46	11.9105	5.9653	0.2279
12:33:56	11.92	5.9642	0.2196
12:34:06	11.9373	5.96	0.2059



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:34:16	11.9391	5.9421	0.1832
12:34:26	11.9409	5.9445	0.1832
12:34:36	11.9028	5.9737	0.1969
12:34:46	11.9159	5.9582	0.2082
12:34:56	11.9522	5.9421	0.1832
12:35:06	11.9658	5.9118	0.1832
12:35:16	11.9141	5.9475	0.1821
12:35:26	11.9141	5.9427	0.1898
12:35:36	12.0075	5.8713	0.1898
12:35:46	12.017	5.8767	0.1821
12:35:56	11.9635	5.9171	0.1743

**Start Run 1B**

12:36:06	11.9599	5.9231	0.1761
12:36:16	12.0742	5.8469	0.2017
12:36:26	12.1795	5.7832	0.1969
12:36:36	12.2039	5.7832	0.1636
12:36:46	12.1241	5.841	0.1511
12:36:56	12.0742	5.8743	0.1523
12:37:06	12.0152	5.9046	0.1749
12:37:16	11.9409	5.9761	0.1743
12:37:26	11.8855	6.0058	0.166
12:37:36	11.8587	6.007	0.1594
12:37:46	11.9028	5.96	0.1594
12:37:56	12.0742	5.8273	0.166
12:38:06	12.1009	5.8517	0.1719
12:38:16	12.0039	5.9445	0.1624
12:38:26	11.9563	5.9737	0.1594
12:38:36	11.9658	5.9636	0.1743
12:38:46	12.2325	5.7362	0.1773
12:38:56	12.17	5.8094	0.1832
12:39:06	12.1105	5.8606	0.1821
12:39:16	12.4824	5.5654	0.1749
12:39:26	12.8585	5.353	0.1821
12:39:36	13.0603	5.2381	0.1749
12:39:46	13.1501	5.1875	0.1743
12:39:56	13.137	5.1959	0.1749
12:40:06	13.2168	5.1441	0.1743
12:40:16	13.2644	5.1167	0.1821
12:40:26	13.2953	5.1096	0.1821
12:40:36	13.2037	5.184	0.1898
12:40:46	13.1085	5.2381	0.1981
12:40:56	13.0567	5.2732	0.191
12:41:06	13.0073	5.3137	0.1832

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
12:41:16	12.9139	5.3595	0.1821
12:41:26	12.9287	5.3387	0.1785
12:41:36	12.9478	5.3149	0.1708
12:41:46	12.9746	5.2947	0.1898
12:41:56	12.9633	5.3173	0.1898
12:42:06	12.8585	5.3774	0.1743
12:42:16	12.6925	5.4637	0.1749
12:42:26	12.6467	5.4774	0.1749
12:42:36	12.599	5.5	0.1743
12:42:46	12.5378	5.5541	0.1898
12:42:56	12.4521	5.6255	0.1898
12:43:06	12.4651	5.6047	0.1898
12:43:16	12.4407	5.619	0.1832
12:43:26	12.2348	5.7767	0.1743
12:43:36	12.0135	5.9219	0.1743
12:43:46	11.9468	5.9576	0.1749
12:43:56	11.895	5.9886	0.1743
12:44:06	12.0551	5.8291	0.1743
12:44:16	12.0801	5.8219	0.1821
12:44:26	12.12	5.7856	0.1743
12:44:36	12.0569	5.8445	0.1749
12:44:46	12.0057	5.8826	0.1832
12:44:56	12.145	5.7696	0.1821
12:45:06	12.1146	5.8172	0.1832
12:45:16	12.1908	5.7588	0.1898
12:45:26	12.2515	5.7237	0.1892
12:45:36	12.3586	5.6452	0.1898
12:45:46	12.4217	5.6035	0.1892
12:45:56	12.3854	5.6487	0.1821
12:46:06	12.4634	5.5964	0.1969
12:46:16	12.561	5.5351	0.2041
12:46:26	12.702	5.4506	0.1832
12:46:36	12.7306	5.4333	0.2005
12:46:46	12.78	5.4036	0.1898
12:46:56	12.8067	5.3845	0.1898
12:47:06	12.8014	5.3934	0.1809
12:47:16	12.7514	5.4595	0.1743
12:47:26	12.683	5.5172	0.1672
12:47:36	12.677	5.4922	0.1743
12:47:46	12.8032	5.3893	0.1743
12:47:56	12.8335	5.3595	0.1743
12:48:06	12.7478	5.4125	0.1821
12:48:16	12.6943	5.4416	0.1821
12:48:26	12.6943	5.4411	0.1898

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:48:36	12.5949	5.5148	0.1898
12:48:46	12.53	5.5494	0.1785
12:48:56	12.4675	5.5845	0.1749
12:49:06	12.4193	5.6178	0.1749
12:49:16	12.3622	5.6493	0.1856
12:49:26	12.3188	5.6803	0.1946
12:49:36	12.2747	5.7083	0.2207
12:49:46	12.2444	5.7285	0.2279
12:49:56	12.1944	5.7624	0.2196
12:50:06	12.17	5.785	0.2059
12:50:16	12.1485	5.8195	0.2059
12:50:26	12.1259	5.8344	0.1898
12:50:36	12.0742	5.8802	0.1821
12:50:46	12.0837	5.8677	0.1898
12:50:56	12.0878	5.8529	0.1898
12:51:06	12.0325	5.8927	0.1981
12:51:16	11.9789	5.9481	0.1981
12:51:26	11.9349	5.9737	0.1832
12:51:36	11.8778	6.0118	0.1832
12:51:46	11.8284	6.0397	0.1898
12:51:56	11.7861	6.0629	0.1809
12:52:06	11.7921	6.0612	0.1821
12:52:16	11.7885	6.0629	0.1821
12:52:26	11.7653	6.0737	0.1856
12:52:36	11.7159	6.1236	0.1749
12:52:46	11.7004	6.1058	0.1749
12:52:56	11.6588	6.1469	0.16
12:53:06	11.626	6.1713	0.166
12:53:16	11.6129	6.1849	0.166
12:53:26	11.6469	6.1492	0.1624
12:53:36	11.7004	6.1177	0.1511
12:53:46	11.7117	6.0992	0.1583
12:53:56	11.7956	6.0356	0.1743
12:54:06	11.8986	5.9897	0.1624
12:54:16	12.0075	5.9499	0.1511
12:54:26	12.0629	5.9171	0.1648
12:54:36	12.0914	5.8695	0.1594
12:54:46	12.1241	5.838	0.1594
12:54:56	12.1182	5.8314	0.1511
12:55:06	12.0819	5.8291	0.166
12:55:16	12.0801	5.8398	0.1672
12:55:26	12.0039	5.9011	0.1708
12:55:36	11.9063	5.9761	0.166
12:55:46	11.8474	6.007	0.1672

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
12:55:56	11.8093	6.013	0.1832
12:56:06	11.9426	5.8927	0.1892
12:56:16	11.9789	5.8874	0.1969
12:56:26	11.8855	5.9749	0.1969
12:56:36	11.7332	6.0808	0.1856
12:56:46	11.6927	6.1022	0.1898
12:56:56	11.6986	6.0933	0.1821
12:57:06	11.7022	6.0927	0.1898
12:57:16	11.729	6.0707	0.1773
12:57:26	11.876	5.9439	0.1743
12:57:36	11.87	5.9523	0.1749
12:57:46	11.9468	5.8856	0.1743
12:57:56	11.8587	5.9606	0.1773
12:58:06	11.9373	5.8939	0.166
12:58:16	11.8629	5.9618	0.166
12:58:26	11.8456	5.9725	0.1594
12:58:36	11.7956	6.013	0.1624
12:58:46	11.7272	6.0689	0.166
12:58:56	11.7177	6.0641	0.1583
12:59:06	11.8242	5.9761	0.1594
12:59:16	11.773	6.0284	0.1594
12:59:26	11.7064	6.0856	0.1594
12:59:36	11.6909	6.0969	0.1594
12:59:46	11.6719	6.1195	0.1672
12:59:56	11.7635	6.0451	0.1749
13:00:06	11.8206	6.0171	0.1749
13:00:16	11.7885	6.0522	0.166
13:00:26	11.7385	6.0909	0.1594
13:00:36	11.8796	5.9767	0.1547
13:00:46	12.0593	5.8398	0.1624
13:00:56	12.1277	5.7963	0.1743
13:01:06	12.1735	5.7743	0.1708
13:01:16	12.189	5.769	0.16
13:01:26	12.2479	5.7291	0.1594
13:01:36	12.3318	5.6714	0.1594
13:01:46	12.3646	5.638	0.166
13:01:56	12.3872	5.6255	0.1672
13:02:06	12.3622	5.6493	0.1743
13:02:16	12.2955	5.7041	0.1594
13:02:26	12.2134	5.7612	0.166
13:02:36	12.1985	5.7707	0.1624
13:02:46	12.1831	5.7904	0.1743
13:02:56	12.1069	5.8606	0.1743
13:03:06	12.1241	5.8314	0.166

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:03:16	12.1605	5.7904	0.1868
13:03:26	12.1182	5.8237	0.1868
13:03:36	12.1027	5.8422	0.1821
13:03:46	12.0837	5.8535	0.1821
13:03:56	12.1069	5.8344	0.1743
13:04:06	12.12	5.8148	0.1749
13:04:16	12.1182	5.8082	0.1821
13:04:26	12.1277	5.7928	0.1868
13:04:36	12.1408	5.7886	0.1821
13:04:46	12.164	5.7797	0.1743
13:04:56	12.1718	5.7666	0.166
13:05:06	12.1372	5.8005	0.166
13:05:16	12.0629	5.8666	0.1672
13:05:26	12.0188	5.9011	0.1743
13:05:36	11.9754	5.9171	0.1749
13:05:46	11.9426	5.9517	0.1832
13:05:56	11.9063	5.9749	0.1868
13:06:06	11.8016	6.0552	0.1898
13:06:16	11.7956	6.0475	0.1898
13:06:26	11.7808	6.0588	0.1898
13:06:36	11.748	6.0719	0.1898
13:06:46	11.7195	6.0885	0.1821
13:06:56	11.71	6.0933	0.1743
13:07:06	11.6564	6.1373	0.1749
13:07:16	11.5939	6.1849	0.1743
13:07:26	11.607	6.1772	0.1749
13:07:36	11.6052	6.1742	0.1743
13:07:46	11.5915	6.1778	0.1672
13:07:56	11.6034	6.1617	0.1672
13:08:06	11.6225	6.1528	0.1583
13:08:16	11.5344	6.2296	0.1523
13:08:26	11.4677	6.2724	0.16
13:08:36	11.5749	6.1903	0.166
13:08:46	11.7861	6.0249	0.1743
13:08:56	11.901	5.9427	0.1743
13:09:06	11.9635	5.9142	0.1594
13:09:16	11.9313	5.929	0.1696
13:09:26	11.9105	5.9659	0.1708
13:09:36	11.851	6.0201	0.1821
13:09:46	11.8242	6.0308	0.1821
13:09:56	11.8266	6.0344	0.1832
13:10:06	11.8337	6.0308	0.1898
13:10:16	11.8034	6.0606	0.1898
13:10:26	11.8397	6.0284	0.1821

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
13:10:36	11.8819	5.988	0.1898
13:10:46	11.8492	6.0195	0.1785
13:10:56	11.8552	6.0094	0.1708
13:11:06	11.9063	5.9695	0.1708
13:11:16	12.1027	5.8231	0.166
13:11:26	12.2366	5.7148	0.1785
13:11:36	12.3545	5.6357	0.1892
13:11:46	12.3414	5.6434	0.1743
13:11:56	12.242	5.7136	0.1743
13:12:06	12.2307	5.7142	0.1821
13:12:16	12.3015	5.6624	0.1749
13:12:26	12.3092	5.6654	0.1749
13:12:36	12.3051	5.6654	0.1821
13:12:46	12.2801	5.6981	0.1708
13:12:56	12.3354	5.6446	0.1672
13:13:06	12.5776	5.4762	0.1708
13:13:16	12.6163	5.466	0.1743
13:13:26	12.7764	5.3571	0.1743
13:13:36	12.6734	5.4274	0.1832
13:13:46	12.5169	5.5244	0.1898
13:13:56	12.5134	5.5369	0.1821
13:14:06	12.4271	5.5767	0.1749
13:14:16	12.408	5.5982	0.1749
13:14:26	12.2801	5.6952	0.166
13:14:36	12.3473	5.6226	0.1743
13:14:46	12.1051	5.8273	0.1821
13:14:56	11.9617	5.9469	0.1821
13:15:06	11.9141	5.9832	0.1868
13:15:16	11.9081	5.9909	0.2059
13:15:26	11.9331	5.9737	0.1981
13:15:36	11.9599	5.9499	0.1969
13:15:46	11.9825	5.9302	0.1969
13:15:56	11.9539	5.9689	0.1892
13:16:06	11.9313	5.9909	0.1743
13:16:16	12.0379	5.9195	0.1743
13:16:26	12.2289	5.7821	0.1743
13:16:36	12.4312	5.6345	0.191
13:16:46	12.5074	5.5898	0.1969
13:16:56	12.4919	5.6011	0.1856
13:17:06	12.5473	5.5601	0.1785
13:17:16	12.6312	5.5071	0.1743
13:17:26	12.6484	5.4904	0.1844
13:17:36	12.6693	5.4756	0.1981
13:17:46	13.209	5.078	0.1785

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:17:56	14.823	3.9301	0.2338
13:18:06	15.912	3.1826	0.1547
13:18:16	16.2709	2.9237	0.1499
13:18:26	16.4084	2.8374	0.1583
13:18:36	16.4994	2.8005	0.1285
13:18:46	16.5836	2.7369	0.1261
13:18:56	16.6294	2.7059	0.1237
13:19:06	16.5891	2.7006	0.1547
13:19:16	16.5433	2.7184	0.1868
13:19:26	16.4804	2.7684	0.1969
13:19:36	15.424	3.5617	0.2142
13:19:46	13.7738	4.6567	0.2279
13:19:56	12.799	5.3012	0.213
13:20:06	12.4271	5.5315	0.2207
13:20:16	12.1866	5.7089	0.213
13:20:26	12.0498	5.8005	0.213
13:20:36	11.9046	5.9177	0.2047
13:20:46	11.5897	6.1469	0.1898
13:20:56	11.1815	6.4295	0.1981
13:21:06	10.947	6.5819	0.1821
13:21:16	10.8899	6.6134	0.191
13:21:26	10.8191	6.6884	0.2059
13:21:36	10.7161	6.7604	0.2207
13:21:46	10.6667	6.8074	0.2047
13:21:56	10.6245	6.8324	0.2047
13:22:06	10.6096	6.8348	0.2041
13:22:16	10.5673	6.8687	0.1898
13:22:26	10.4739	6.9229	0.1898
13:22:36	10.4394	6.9455	0.1898
13:22:46	10.4245	6.9586	0.191
13:22:56	10.3942	6.983	0.1969
13:23:06	10.3977	6.9729	0.1898
13:23:16	10.365	7.0181	0.1743
13:23:26	10.2835	7.0687	0.166
13:23:36	10.2049	7.1228	0.1511
13:23:46	10.1686	7.1371	0.1475
13:23:56	10.4721	6.9526	0.1583
13:24:06	10.7774	6.7557	0.1832
13:24:16	11.0059	6.6295	0.1969
13:24:26	11.5707	6.2498	0.1969
13:24:36	11.9885	5.9993	0.1898
13:24:46	12.1355	5.913	0.1821
13:24:56	12.1718	5.8933	0.1868
13:25:06	12.0783	5.9546	0.1969

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:25:16	11.9522	6.0391	0.1969
13:25:26	11.9313	6.0481	0.1969
13:25:36	11.9635	6.0278	0.1969
13:25:46	11.9486	6.0629	0.1969
13:25:56	11.9349	6.0689	0.1898
13:26:06	12.0057	6.0022	0.1898
13:26:16	12.0307	5.9725	0.1969
13:26:26	11.9807	6.0011	0.1898
13:26:36	11.8778	6.0856	0.1898
13:26:46	11.9123	6.0504	0.1969
13:26:56	11.9617	6.0266	0.1981
13:27:06	12.1218	5.9005	0.2047
13:27:16	12.2747	5.7922	0.1969
13:27:26	12.3908	5.7089	0.1898
13:27:36	12.4443	5.669	0.1898
13:27:46	12.4616	5.6559	0.1898
13:27:56	12.5532	5.5827	0.1898
13:28:06	12.6389	5.5208	0.1898
13:28:16	12.727	5.4702	0.1898
13:28:26	12.5741	5.5714	0.1821
13:28:36	12.6121	5.5309	0.1821
13:28:46	12.561	5.5648	0.1898
13:28:56	12.5014	5.5821	0.1934
13:29:06	12.3318	5.7166	0.1969
13:29:16	12.1313	5.8683	0.2041
13:29:26	12.0361	5.9273	0.1934
13:29:36	11.9409	6.0249	0.1672
13:29:46	11.7766	6.1552	0.1743
13:29:56	11.5975	6.2944	0.1672
13:30:06	11.4047	6.423	0.1743
13:30:16	11.3648	6.4402	0.1719
13:30:26	11.294	6.4908	0.1868
13:30:36	11.3321	6.4748	0.1821
13:30:46	11.4582	6.3724	0.1821
13:30:56	11.5171	6.3444	0.1892
13:31:06	11.3725	6.4533	0.1898
13:31:16	11.2386	6.5414	0.1898
13:31:26	11.2714	6.5313	0.1981
13:31:36	11.3779	6.448	0.1969
13:31:46	11.4546	6.3956	0.191
13:31:56	11.46	6.3789	0.1969
13:32:06	11.5439	6.304	0.191
13:32:16	11.6356	6.2343	0.1832
13:32:26	11.6278	6.2361	0.1821



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:32:36	11.6891	6.1826	0.1821
13:32:46	11.7593	6.1177	0.191
13:32:56	11.8796	6.0415	0.1832
13:33:06	12.0152	5.9588	0.1731
13:33:16	11.9944	5.9897	0.1594
13:33:26	11.9391	6.0141	0.166
13:33:36	11.9962	5.9636	0.1743
13:33:46	12.0861	5.9011	0.1743
13:33:56	12.1122	5.9148	0.1749
13:34:06	12.2325	5.8428	0.2017
13:34:16	12.4407	5.6981	0.1969
13:34:26	12.5627	5.6101	0.2047
13:34:36	12.599	5.5988	0.1856
13:34:46	12.5342	5.6505	0.1743
13:34:56	12.7097	5.5256	0.1743
13:35:06	12.78	5.4893	0.1672
13:35:16	12.721	5.5285	0.1761
13:35:26	12.7496	5.5101	0.191
13:35:36	12.7972	5.4964	0.2047
13:35:46	12.7478	5.5422	0.2059
13:35:56	12.6734	5.5928	0.2142
13:36:06	12.6086	5.6345	0.213
13:36:16	12.5681	5.6464	0.2047
<b>Start Bias Calibration</b>			
13:36:26	12.5705	5.647	0.1969
13:36:36	12.5854	5.6291	0.1749
13:36:46	12.5532	5.6529	0.9569
13:36:56	13.1329	5.228	3.4052
13:37:06	9.2361	0.8569	0.1374
13:37:16	1.7454	0.6623	0.0458
13:37:26	1.0985	0.5736	0.0261
13:37:36	1.017	0.5213	-4.6E-05
13:37:46	0.6278	0.3154	-0.0262
13:37:56	0.4522	0.2434	-0.0078
13:38:06	0.2344	0.1547	0.0035
13:38:16	0.1166	0.1106	0.0107
13:38:26	0.069	0.0749	0.0113
13:38:36	0.0363	0.0583	0.0113
13:38:46	0.0208	0.0499	0.0047
13:38:56	0.019	0.0458	-0.0036
13:39:06	0.0077	0.0404	-0.0036
<b>Zero Bias</b>	<b>0.015833</b>	<b>0.045367</b>	<b>-0.00083</b>

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:39:16	0.0077	0.0398	0.0458
13:39:26	6.642	3.0731	2.969
13:39:36	12.5836	0.5469	11.8248
13:39:46	19.5016	0.0827	12.4235
13:39:56	19.8183	0.0559	12.5639
13:40:06	19.8833	0.0488	12.6717
13:40:16	19.9558	0.0517	12.7794
13:40:26	20.0379	0.0583	12.8663
13:40:36	20.1371	0.0613	12.9543
13:40:46	20.2534	0.0559	13.0335
13:40:56	20.347	0.0624	13.1043
13:41:06	20.4251	0.0476	13.1733
13:41:16	20.4976	0.0428	13.2132
13:41:26	20.551	0.0392	13.2864
13:41:36	20.6003	0.0327	13.3483
13:41:46	20.6195	0.0321	13.4167
13:41:56	20.631	0.0321	13.4316
13:42:06	20.6426	0.0309	13.4786
13:42:16	20.6502	0.0309	13.5393
13:42:26	20.6597	0.0291	13.5768
13:42:36	20.6653	0.0291	13.6286
13:42:46	20.6693	0.0285	13.6744
13:42:56	20.6708	0.0267	13.728
13:43:06	20.6749	0.0273	13.7839
13:43:16	20.6789	0.0297	13.8285
13:43:26	20.6749	0.0297	13.8494
13:43:36	20.6804	0.0291	13.8863
13:43:46	20.6804	0.0285	13.9273
13:43:56	20.6804	0.0285	13.9821
13:44:06	20.6824	0.0291	14.0362
13:44:16	20.6789	0.0309	14.0714
13:44:26	20.6804	0.0297	14.1148
13:44:36	20.6824	0.0297	14.169
13:44:46	20.6864	0.0291	14.188
13:44:56	20.6864	0.0273	14.1892
13:45:06	20.6884	0.0273	14.2237
13:45:16	20.6884	0.0273	14.2463
13:45:26	20.6844	0.0285	14.2719
13:45:36	20.6884	0.0291	14.2945
13:45:46	20.6884	0.0291	14.3427
13:45:56	20.69	0.0291	14.3885
13:46:06	20.6804	0.0315	14.4094
13:46:16	20.6769	0.0315	14.4445
13:46:26	20.6633	0.0345	14.5123

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
13:46:36	20.6728	0.0315	14.582
13:46:46	20.6653	0.0309	14.6438
13:46:56	20.6728	0.0321	14.7046
13:47:06	20.6633	0.0309	14.7444
13:47:16	20.6653	0.0309	14.7718
13:47:26	20.6597	0.0315	14.8236
<b>THC Mid Bias</b>	<b>20.66277</b>	<b>0.0311</b>	<b>14.77993</b>
13:47:36	20.6618	0.0297	14.8706
13:47:46	20.6618	0.0291	14.1285
13:47:56	20.6577	0.0291	2.7803
13:48:06	19.7937	0.8468	0.3981
13:48:16	14.0178	4.9322	0.341
13:48:26	12.7306	5.5166	0.338
13:48:36	12.6026	5.5767	0.3445
<b>Resume Run 1B</b>			
13:48:46	12.5645	5.6071	0.338
13:48:56	12.5264	5.6422	0.3219
13:49:06	12.4747	5.6773	0.307
13:49:16	12.4919	5.6487	0.2987
13:49:26	12.5645	5.5857	0.2713
13:49:36	12.6199	5.5517	0.2451
13:49:46	12.6312	5.547	0.2368
13:49:56	12.6717	5.522	0.2541
13:50:06	12.7383	5.4791	0.26
13:50:16	12.8032	5.4422	0.2404
13:50:26	12.8014	5.4446	0.2291
13:50:36	12.8127	5.4422	0.2368
13:50:46	12.7651	5.4708	0.2451
13:50:56	12.6925	5.522	0.2219
13:51:06	12.5645	5.6083	0.2338
13:51:16	12.5473	5.6136	0.2451
13:51:26	12.6199	5.5636	0.2368
13:51:36	12.6353	5.5607	0.2529
13:51:46	12.5532	5.6309	0.2451
13:51:56	12.4806	5.6928	0.26
13:52:06	12.3396	5.8065	0.2588
13:52:16	12.2444	5.8689	0.2505
13:52:26	12.1866	5.9142	0.2368
13:52:36	12.1485	5.9415	0.2529
13:52:46	12.1355	5.9523	0.26
13:52:56	12.0861	6.0022	0.2451
13:53:06	12.0724	6.0344	0.26

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
13:53:16	11.9998	6.0933	0.26
13:53:26	11.9105	6.1653	0.2541
13:53:36	11.8076	6.2474	0.2666
13:53:46	11.7885	6.2647	0.2678
13:53:56	11.8724	6.1986	0.2678
13:54:06	11.9123	6.1605	0.2588
13:54:16	11.8742	6.1849	0.2517
13:54:26	11.9658	6.0963	0.2356
13:54:36	11.9504	6.1022	0.2291
13:54:46	11.798	6.2064	0.2493
13:54:56	11.9123	6.107	0.2493
13:55:06	12.1105	5.957	0.2404
13:55:16	12.2878	5.8261	0.2291
13:55:26	12.3836	5.7475	0.2219
13:55:36	12.4271	5.7225	0.2231
13:55:46	12.4235	5.7225	0.2291
13:55:56	12.4098	5.7303	0.2219
13:56:06	12.4961	5.6505	0.2207
13:56:16	12.4461	5.6815	0.2291
13:56:26	12.3527	5.7606	0.2142
13:56:36	12.3568	5.741	0.2255
13:56:46	12.3604	5.7386	0.2303
13:56:56	12.3354	5.7487	0.2207
13:57:06	12.3336	5.7446	0.2142
13:57:16	12.3378	5.7386	0.2142
13:57:26	12.2878	5.7844	0.2142
13:57:36	12.3205	5.7577	0.2142
13:57:46	12.1295	5.9195	0.2106
13:57:56	11.8189	6.1659	0.2142
13:58:06	11.5975	6.3194	0.2047
13:58:16	11.5118	6.3736	0.1981
13:58:26	11.5308	6.3522	0.191
13:58:36	11.5267	6.3468	0.191
13:58:46	11.5308	6.3468	0.1981
13:58:56	11.5499	6.3296	0.2059
13:59:06	11.6088	6.2915	0.2059
13:59:16	11.7617	6.1968	0.2059
13:59:26	11.8266	6.1713	0.2059
13:59:36	11.8587	6.1457	0.2142
13:59:46	11.8224	6.1701	0.2059
13:59:56	11.8016	6.179	0.1981
14:00:06	11.8034	6.1772	0.2059
14:00:16	11.8224	6.1552	0.2059
14:00:26	11.8302	6.148	0.2059

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:00:36	11.8147	6.1558	0.191
14:00:46	11.8534	6.1231	0.2047
14:00:56	11.8796	6.1058	0.1981
14:01:06	11.9105	6.1088	0.1749
14:01:16	11.973	6.0481	0.1993
14:01:26	12.0402	6.01	0.2005
14:01:36	12.2402	5.8707	0.1946
14:01:46	12.5491	5.6285	0.191
14:01:56	12.7627	5.4899	0.1868
14:02:06	12.9043	5.4149	0.1749
14:02:16	13.0186	5.3417	0.1821
14:02:26	13.093	5.2958	0.191
14:02:36	13.118	5.2905	0.2047
14:02:46	13.087	5.3095	0.2017
14:02:56	13.0031	5.3649	0.1981
14:03:06	12.9079	5.4274	0.1981
14:03:16	12.8353	5.4678	0.2142
14:03:26	12.7859	5.4958	0.2255
14:03:36	12.7478	5.519	0.219
14:03:46	12.7151	5.5351	0.2178
14:03:56	12.7496	5.5125	0.1981
14:04:06	12.7722	5.5041	0.191
14:04:16	12.7097	5.5577	0.191
14:04:26	12.6544	5.5958	0.1981
14:04:36	12.6621	5.5839	0.1981
14:04:46	12.658	5.5773	0.2094
14:04:56	12.6026	5.5958	0.2142
14:05:06	12.4997	5.6678	0.2142
14:05:16	12.3872	5.7469	0.213
14:05:26	12.3509	5.7731	0.2094
14:05:36	12.3432	5.7743	0.2047
14:05:46	12.3473	5.7761	0.1969
14:05:56	12.3854	5.7517	0.1969
14:06:06	12.4461	5.685	0.1898
14:06:16	12.4253	5.6987	0.1892
14:06:26	12.242	5.8261	0.1898
14:06:36	12.17	5.8791	0.1898
14:06:46	12.1355	5.9171	0.2059
14:06:56	12.1009	5.9612	0.2017
14:07:06	12.0498	6.0153	0.1898
14:07:16	11.9426	6.0802	0.1809
14:07:26	11.8552	6.1457	0.1743
14:07:36	11.8569	6.1284	0.1821
14:07:46	11.8778	6.1106	0.2017

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:07:56	11.8819	6.1177	0.213
14:08:06	11.8665	6.1248	0.1981
14:08:16	11.901	6.1088	0.191
14:08:26	11.9141	6.0796	0.1731
14:08:36	11.8855	6.1183	0.1749
14:08:46	11.8855	6.104	0.1821
14:08:56	11.8837	6.085	0.191
14:09:06	11.9105	6.0612	0.191
14:09:16	11.9504	6.0606	0.1898
14:09:26	11.9313	6.0522	0.191
14:09:36	11.973	5.9981	0.1969
14:09:46	11.9789	6.0153	0.2059
14:09:56	11.92	6.0629	0.2059
14:10:06	11.9236	6.0606	0.1898
14:10:16	12.0438	5.9558	0.1981
14:10:26	12.0402	5.9552	0.2047
14:10:36	12.0992	5.9088	0.1981
14:10:46	12.2557	5.7821	0.191
14:10:56	12.414	5.6553	0.191
14:11:06	12.5282	5.5773	0.2047
14:11:16	12.6353	5.5101	0.1898
14:11:26	12.6734	5.4976	0.1785
14:11:36	12.6865	5.4756	0.1749
14:11:46	12.6925	5.4541	0.1821
14:11:56	12.5776	5.5196	0.1981
14:12:06	12.5074	5.5559	0.1934
14:12:16	12.3164	5.7285	0.166
14:12:26	12.1182	5.8677	0.1743
14:12:36	12.1581	5.8148	0.1821
14:12:46	12.0783	5.8779	0.191
14:12:56	11.9105	6.0225	0.2059
14:13:06	11.8052	6.1046	0.2047
14:13:16	11.8093	6.0992	0.2047
14:13:26	11.851	6.0635	0.1969
14:13:36	11.7843	6.1248	0.1821
14:13:46	11.6623	6.2195	0.1821
14:13:56	11.6052	6.251	0.1743
14:14:06	11.6129	6.2575	0.1624
14:14:16	11.5749	6.2885	0.1743
14:14:26	11.5118	6.3236	0.1868
14:14:36	11.4945	6.3391	0.2047
14:14:46	11.441	6.3861	0.2094
14:14:56	11.4261	6.3968	0.213
14:15:06	11.4219	6.4033	0.213

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:15:16	11.3898	6.4266	0.2142
14:15:26	11.441	6.3903	0.1981
14:15:36	11.4642	6.3855	0.1969
14:15:46	11.4564	6.3736	0.1898
14:15:56	11.466	6.367	0.1898
14:16:06	11.4469	6.3766	0.1981
14:16:16	11.3934	6.4153	0.1969
14:16:26	11.3112	6.4748	0.1898
14:16:36	11.2714	6.5117	0.2047
14:16:46	11.241	6.5313	0.1934
14:16:56	11.3517	6.47	0.1856
14:17:06	11.4582	6.3855	0.1743
14:17:16	11.5136	6.3349	0.1821
14:17:26	11.5439	6.323	0.1672
14:17:36	11.5612	6.3236	0.1594
14:17:46	11.5993	6.2831	0.1594
14:17:56	11.5576	6.3063	0.1749
14:18:06	11.5171	6.3492	0.1868
14:18:16	11.5534	6.3153	0.1898
14:18:26	11.6564	6.2159	0.1749
14:18:36	11.7177	6.1754	0.1594
14:18:46	11.8093	6.11	0.1594
14:18:56	11.9236	6.0016	0.1743
14:19:06	11.9468	5.9749	0.1868
14:19:16	11.9409	5.9939	0.2047
14:19:26	11.9349	6.01	0.1898
14:19:36	11.9902	5.9868	0.1969
14:19:46	12.1563	5.86	0.1981
14:19:56	12.286	5.7731	0.1898
14:20:06	12.3205	5.7535	0.2017
14:20:16	12.3396	5.7416	0.1981
14:20:26	12.3354	5.7523	0.1981
14:20:36	12.3759	5.7219	0.1898
14:20:46	12.5419	5.5952	0.191
14:20:56	12.7972	5.4464	0.1898
14:21:06	12.8716	5.419	0.1898
14:21:16	12.9115	5.3946	0.1969
14:21:26	12.9365	5.3839	0.2094
14:21:36	12.8889	5.4196	0.2047
14:21:46	12.8793	5.4095	0.213
14:21:56	12.8109	5.4559	0.213
14:22:06	12.7151	5.5119	0.213
14:22:16	12.6163	5.5761	0.2047
14:22:26	12.5419	5.6279	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
14:22:36	12.511	5.6422	0.2059
14:22:46	12.4901	5.6559	0.2142
14:22:56	12.4788	5.6642	0.2118
14:23:06	12.4675	5.6815	0.213
14:23:16	12.458	5.6934	0.213
14:23:26	12.4271	5.7255	0.2047
14:23:36	12.4098	5.7416	0.1981
14:23:46	12.4884	5.6767	0.2094
14:23:56	12.5741	5.6035	0.213
14:24:06	12.6163	5.566	0.2094
14:24:16	12.6449	5.566	0.1594
14:24:26	12.6675	5.5416	0.1594
14:24:36	12.658	5.5285	0.1821
14:24:46	12.6199	5.5452	0.1821
14:24:56	12.58	5.5815	0.1821
14:25:06	12.5491	5.6035	0.1898
14:25:16	12.4312	5.6952	0.1898
14:25:26	12.3241	5.7707	0.1969
14:25:36	12.2783	5.794	0.1898
14:25:46	12.1908	5.8416	0.213
14:25:56	12.0742	5.9165	0.2207
14:26:06	12.0325	5.9273	0.213
14:26:16	11.9349	5.9963	0.213
14:26:26	11.8891	6.0171	0.213
14:26:36	11.8915	6.01	0.1981
14:26:46	11.9176	5.9981	0.1898
14:26:56	11.92	5.9957	0.1969
14:27:06	11.8397	6.0695	0.1969
14:27:16	11.8778	6.0338	0.2047
14:27:26	12.0629	5.8933	0.1969
14:27:36	12.1087	5.8695	0.2094
14:27:46	12.0878	5.8886	0.213
14:27:56	11.9426	6.01	0.1981
14:28:06	11.8552	6.076	0.1969
14:28:16	11.9046	6.0183	0.1981
14:28:26	11.8433	6.076	0.1934
14:28:36	11.7308	6.1689	0.1898
14:28:46	11.6606	6.2224	0.1832
14:28:56	11.6659	6.2105	0.1898
14:29:06	11.6659	6.2159	0.1898
14:29:16	11.607	6.2629	0.1969
14:29:26	11.5552	6.3046	0.1981
14:29:36	11.563	6.2998	0.1969
14:29:46	11.5766	6.2903	0.1898



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:29:56	11.5517	6.3087	0.2059
14:30:06	11.5552	6.3099	0.1981
14:30:16	11.5975	6.2938	0.191
14:30:26	11.6891	6.223	0.1832
14:30:36	11.6945	6.2343	0.1821
14:30:46	11.6683	6.2575	0.1946
14:30:56	11.6528	6.2689	0.1981
14:31:06	11.704	6.2403	0.2059
14:31:16	11.9295	6.0873	0.2142
14:31:26	12.1831	5.9148	0.191
14:31:36	12.3092	5.8285	0.1898
14:31:46	12.3336	5.8011	0.191
14:31:56	12.3931	5.7487	0.1898
14:32:06	12.477	5.6797	0.2047
14:32:16	12.4997	5.6636	0.2059
14:32:26	12.5032	5.6731	0.2059
14:32:36	12.4651	5.7112	0.2047
14:32:46	12.4098	5.7517	0.2142
14:32:56	12.3985	5.7606	0.2059
14:33:06	12.3646	5.7904	0.2059
14:33:16	12.2705	5.8481	0.1981
14:33:26	12.1771	5.9314	0.1832
14:33:36	12.1468	5.9314	0.1832
14:33:46	12.1051	5.9451	0.191
14:33:56	12.0629	5.979	0.1981
14:34:06	12.0611	5.9737	0.2059
14:34:16	12.0629	5.9695	0.2142
14:34:26	12.1009	5.9421	0.2059
14:34:36	12.1527	5.9142	0.2059
14:34:46	12.189	5.8707	0.2047
14:34:56	12.2081	5.8481	0.2029
14:35:06	12.1866	5.8677	0.2059
14:35:16	12.17	5.8749	0.2142
14:35:26	12.145	5.9017	0.2142
14:35:36	12.1051	5.9546	0.1981
14:35:46	12.1051	5.9475	0.1868
14:35:56	12.1313	5.9255	0.191
14:36:06	12.1355	5.9219	0.2142
14:36:16	12.1605	5.913	0.2106
14:36:26	12.1105	5.9582	0.1981
14:36:36	12.0896	5.963	0.1832
14:36:46	12.0248	6.0016	0.1946
14:36:56	12.0057	6.004	0.2047
14:37:06	11.9754	6.0165	0.2118

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:37:16	11.9295	6.0463	0.2071
14:37:26	11.8986	6.0713	0.2047
14:37:36	11.8873	6.0927	0.191
14:37:46	11.8587	6.1106	0.1981
14:37:56	11.851	6.1159	0.1946
14:38:06	11.8284	6.1284	0.1821
14:38:16	11.8361	6.1391	0.1934
14:38:26	11.9176	6.0856	0.1981
14:38:36	11.9676	6.0635	0.2047
14:38:46	12.0075	6.0308	0.191
14:38:56	12.0498	6.0153	0.1844
14:39:06	12.042	6.0118	0.1898
14:39:16	11.9867	6.0528	0.1981
14:39:26	12.0438	6.0141	0.1981
14:39:36	12.0646	5.9951	0.2047
14:39:46	12.0992	5.9665	0.2059
14:39:56	12.1468	5.9284	0.2207
14:40:06	12.1866	5.8957	0.2207
14:40:16	12.1753	5.907	0.2207
14:40:26	12.1218	5.9534	0.213
14:40:36	12.0878	5.9844	0.1898
14:40:46	12.0742	5.9969	0.191
14:40:56	12.0914	5.9737	0.1898
14:41:06	12.1259	5.9499	0.2178
14:41:16	12.1122	5.9665	0.213
14:41:26	12.0783	5.9909	0.2142
14:41:36	12.0783	5.9969	0.2059
14:41:46	12.0402	6.0249	0.2017
14:41:56	12.0343	6.0177	0.1898
14:42:06	12.0212	6.0225	0.1832
14:42:16	12.0343	6.0076	0.1898
14:42:26	12.2134	5.8606	0.191
14:42:36	12.3378	5.7612	0.1981
14:42:46	12.3164	5.7886	0.1934
14:42:56	12.3259	5.7803	0.2059
14:43:06	12.292	5.8094	0.2059
14:43:16	12.2955	5.8059	0.2047
14:43:26	12.4485	5.6612	0.191
14:43:36	12.6407	5.5178	0.1969
14:43:46	12.683	5.5006	0.1832
14:43:56	12.6407	5.5166	0.1898
14:44:06	12.6693	5.4946	0.2059
14:44:16	12.6371	5.5166	0.2207
14:44:26	12.5395	5.5803	0.2059

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:44:36	12.3473	5.7344	0.2243
14:44:46	12.2116	5.8338	0.2142
14:44:56	12.1087	5.9177	0.213
14:45:06	12.0515	5.9552	0.2047
14:45:16	11.9694	6.0118	0.2142
14:45:26	11.8665	6.082	0.213
14:45:36	11.7921	6.132	0.213
14:45:46	11.71	6.2087	0.213
14:45:56	11.6088	6.2843	0.2047
14:46:06	11.5326	6.351	0.2047
14:46:16	11.4755	6.3932	0.2059
14:46:26	11.4237	6.4224	0.1969
14:46:36	11.4219	6.4283	0.1946
14:46:46	11.4392	6.4051	0.2059
14:46:56	11.5171	6.3474	0.2047
14:47:06	11.607	6.2938	0.1898
14:47:16	11.6754	6.2421	0.1981
14:47:26	11.7843	6.1552	0.2059
14:47:36	11.9349	6.0582	0.1981
14:47:46	12.0212	6.0034	0.1969
14:47:56	12.0343	6.0088	0.2005
14:48:06	12.0533	6.004	0.191
14:48:16	12.0992	5.9802	0.191
14:48:26	12.1408	5.932	0.1832
14:48:36	12.2307	5.8749	0.1821
14:48:46	12.2801	5.8469	0.1821
14:48:56	12.3092	5.81	0.1898
14:49:06	12.3568	5.7731	0.1993
14:49:16	12.3795	5.7588	0.2047
14:49:26	12.3646	5.7654	0.213
14:49:36	12.3622	5.7624	0.2207
14:49:46	12.389	5.7386	0.213
14:49:56	12.4158	5.7166	0.2059
14:50:06	12.433	5.7089	0.1969
14:50:16	12.4521	5.6767	0.1898
14:50:26	12.4901	5.6434	0.1898
14:50:36	12.6104	5.5595	0.1898
14:50:46	12.6788	5.5208	0.1969
14:50:56	12.7169	5.5018	0.1969
14:51:06	12.7383	5.4922	0.1969
14:51:16	12.7514	5.4821	0.2047
14:51:26	12.7437	5.4904	0.1981
14:51:36	12.7556	5.4875	0.2059
14:51:46	12.7514	5.4922	0.2207

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:51:56	12.721	5.5113	0.2207
14:52:06	12.6693	5.5452	0.2047
14:52:16	12.58	5.6095	0.2207
14:52:26	12.3491	5.7844	0.213
14:52:36	12.1926	5.9017	0.2207
14:52:46	12.1622	5.9165	0.2047
14:52:56	12.1432	5.9231	0.2005
14:53:06	11.9563	6.0618	0.2094
14:53:16	11.8742	6.1022	0.2207
14:53:26	11.832	6.1391	0.2047
14:53:36	11.8968	6.101	0.1969
14:53:46	12.0248	6.0147	0.2017
14:53:56	12.2003	5.8779	0.2047
14:54:06	12.3586	5.7529	0.1957
14:54:16	12.4235	5.7005	0.1809
14:54:26	12.439	5.6845	0.1749
14:54:36	12.4235	5.6928	0.1898
14:54:46	12.4027	5.7166	0.1898
14:54:56	12.3205	5.7832	0.1969
14:55:06	12.2098	5.8677	0.2047
14:55:16	12.1622	5.8975	0.1957
14:55:26	12.17	5.8868	0.1832
14:55:36	12.1813	5.8856	0.2005
14:55:46	12.1563	5.9314	0.191
14:55:56	12.1355	5.9439	0.1969
14:56:06	12.1087	5.9528	0.2047
14:56:16	12.1164	5.9362	0.2047
14:56:26	12.1051	5.9398	0.2207
14:56:36	12.0932	5.9499	0.2291
14:56:46	12.042	5.988	0.2291
14:56:56	11.9391	6.0534	0.2047
14:57:06	11.7445	6.1986	0.1969
14:57:16	11.4297	6.401	0.1981
14:57:26	11.2654	6.5027	0.2047
14:57:36	11.3362	6.4402	0.2041
14:57:46	11.3154	6.4855	0.1898
14:57:56	11.1398	6.6051	0.1993
14:58:06	11.044	6.6432	0.1981
14:58:16	11.0274	6.642	0.1832
14:58:26	11.0708	6.6027	0.1743
14:58:36	11.1988	6.4884	0.1832
14:58:46	11.1208	6.5563	0.1832
14:58:56	10.9202	6.7092	0.1898
14:59:06	10.7369	6.8265	0.1981

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:59:16	10.6304	6.8997	0.2059
14:59:26	10.5406	6.9663	0.2059
14:59:36	10.4971	6.9991	0.1898
14:59:46	10.4489	7.0538	0.1832
14:59:56	10.5293	6.9877	0.191
15:00:06	10.6227	6.9241	0.2029
15:00:16	10.7566	6.839	0.2059
15:00:26	10.9071	6.7396	0.2059
15:00:36	11.0042	6.6723	0.2142
15:00:46	11.0387	6.6581	0.2142
15:00:56	11.1017	6.6265	0.2059
15:01:06	10.9411	6.742	0.2017
15:01:16	10.9262	6.7473	0.2047
15:01:26	10.8935	6.7658	0.1981
15:01:36	10.7584	6.8586	0.1981
15:01:46	10.7221	6.8794	0.213
15:01:56	10.8476	6.7908	0.2047
<b>Start Bias Calibration</b>			
15:02:06	11.0006	6.6866	0.238
15:02:16	11.0768	6.6473	2.7654
15:02:26	12.0706	6.0064	0.1285
15:02:36	5.8677	1.0914	0.0172
15:02:46	1.0051	0.5594	-0.0036
15:02:56	0.6105	0.454	-0.0036
15:03:06	0.5397	0.4261	-0.0114
15:03:16	0.4963	0.3969	-0.0191
15:03:26	0.4463	0.3648	-0.0203
15:03:36	0.4064	0.3338	-0.0215
15:03:46	0.3683	0.3017	-0.0274
15:03:56	0.2993	0.2564	-0.0185
15:04:06	0.2386	0.2154	-0.0125
15:04:16	0.1892	0.1815	-0.0262
15:04:26	0.1452	0.1535	-0.0191
<b>Zero Bias</b>	<b>0.191</b>	<b>0.183467</b>	<b>-0.01927</b>
15:04:36	0.1089	0.1297	-0.0191
15:04:46	0.0785	0.11	0.0999
15:04:56	0.6831	0.2933	3.9896
15:05:06	7.7441	4.1395	11.9712
15:05:16	17.2513	0.451	12.3937
15:05:26	19.7081	0.1404	12.4919
15:05:36	20.0016	0.0976	12.5937
15:05:46	20.131	0.0797	12.699

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:05:56	20.196	0.0696	12.8139
15:06:06	20.2665	0.0636	12.8972
15:06:16	20.3123	0.0589	12.9728
15:06:26	20.3163	0.0607	13.0412
15:06:36	20.3088	0.0571	13.1055
15:06:46	20.3294	0.0559	13.1834
15:06:56	20.3752	0.0535	13.2781
15:07:06	20.4115	0.0517	13.34
15:07:16	20.4347	0.0499	13.4102
15:07:26	20.4553	0.0428	13.4751
15:07:36	20.4744	0.0404	13.5459
15:07:46	20.486	0.0398	13.5929
15:07:56	20.4976	0.0398	13.6792
15:08:06	19.704	0.3374	13.7911
15:08:16	20.4039	0.0535	13.8184
15:08:26	20.2302	0.0636	13.8172
15:08:36	20.4916	0.0422	13.8726
15:08:46	20.5736	0.038	13.8678
15:08:56	20.5797	0.0398	13.8726
15:09:06	20.5701	0.0422	13.9202
15:09:16	20.5852	0.0422	13.9619
15:09:26	20.5852	0.0422	13.9708
15:09:36	20.5908	0.0446	13.9785
15:09:46	20.5908	0.0446	14.0202
15:09:56	20.6079	0.0357	14.0809
15:10:06	20.6215	0.0357	14.141
15:10:16	20.6235	0.0357	14.1731
15:10:26	20.631	0.0351	14.2148
15:10:36	20.631	0.0398	14.2511
15:10:46	20.6386	0.038	14.3029
15:10:56	20.6461	0.0392	14.3451
15:11:06	20.6426	0.0398	14.3814
15:11:16	20.6482	0.041	14.4481
15:11:26	20.6482	0.0428	14.5165
15:11:36	20.6482	0.0422	14.5784
15:11:46	20.6522	0.0422	14.6302
15:11:56	20.6577	0.041	14.6629
15:12:06	20.6618	0.0422	14.6938
15:12:16	20.6577	0.0374	14.7569
<b>THC Mid Bias</b>	<b>20.65907</b>	<b>0.0402</b>	<b>14.70453</b>
15:12:26	20.6577	0.0285	14.7099
15:12:36	20.6618	0.0285	4.8918
15:12:46	19.6698	0.7671	0.4612

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:12:56	13.9131	4.8251	0.3707
<b>Resume Run 1B</b>			
15:13:06	13.0698	5.2584	0.3469
15:13:16	12.9787	5.3149	0.338
15:13:26	13.0722	5.2512	0.3296
15:13:36	12.9668	5.3304	0.3148
15:13:46	12.78	5.447	0.2987
15:13:56	12.7056	5.4875	0.2898
15:14:06	12.6847	5.5089	0.26
15:14:16	12.5949	5.572	0.26
15:14:26	12.4693	5.6684	0.2529
15:14:36	12.3872	5.7356	0.2404
15:14:46	12.267	5.8279	0.2207
15:14:56	12.2081	5.8588	0.213
15:15:06	12.2652	5.81	0.2047
15:15:16	12.2824	5.8041	0.1981
15:15:26	12.2955	5.7922	0.2071
15:15:36	12.3259	5.7678	0.2178
15:15:46	12.292	5.794	0.2219
15:15:56	12.2688	5.813	0.2142
15:16:06	12.2575	5.8285	0.2207
15:16:16	12.2366	5.8463	0.2059
15:16:26	12.1944	5.8767	0.2142
15:16:36	12.1795	5.891	0.2059
15:16:46	12.1795	5.8874	0.2059
15:16:56	12.1718	5.8927	0.1898
15:17:06	12.145	5.91	0.1981
15:17:16	12.1468	5.904	0.191
15:17:26	12.2384	5.8285	0.2047
15:17:36	12.2747	5.7993	0.2142
15:17:46	12.3068	5.7731	0.2142
15:17:56	12.3777	5.7202	0.2142
15:18:06	12.408	5.7041	0.2207
15:18:16	12.414	5.6981	0.2207
15:18:26	12.3604	5.7309	0.2059
15:18:36	12.3092	5.7737	0.2059
15:18:46	12.267	5.8082	0.2219
15:18:56	12.2461	5.8303	0.2243
15:19:06	12.2307	5.8279	0.2207
15:19:16	12.2152	5.8356	0.2166
15:19:26	12.1545	5.8975	0.213
15:19:36	12.0861	5.9481	0.213
15:19:46	11.9789	6.0249	0.2255

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
15:19:56	11.8361	6.1225	0.2094
15:20:06	11.7617	6.1742	0.2207
15:20:16	11.6909	6.2284	0.2219
15:20:26	11.588	6.3052	0.2142
15:20:36	11.4332	6.4283	0.2118
15:20:46	11.2809	6.5307	0.2017
15:20:56	11.241	6.5718	0.1898
15:21:06	11.2446	6.5593	0.1821
15:21:16	11.2273	6.5664	0.2047
15:21:26	11.1607	6.6146	0.2059
15:21:36	11.0922	6.6563	0.2094
15:21:46	11.0672	6.6676	0.1981
15:21:56	11.0994	6.6366	0.1898
15:22:06	11.1089	6.6218	0.2047
15:22:16	11.1285	6.6152	0.2047
15:22:26	11.1321	6.62	0.2047
15:22:36	11.1589	6.6081	0.1981
15:22:46	11.1339	6.6396	0.1898
15:22:56	11.1624	6.6081	0.2047
15:23:06	11.2291	6.5497	0.1969
15:23:16	11.5249	6.3319	0.1981
15:23:26	11.563	6.326	0.1981
15:23:36	11.8052	6.1474	0.2047
15:23:46	12.1545	5.891	0.2047
15:23:56	12.4425	5.6874	0.1969
15:24:06	12.6371	5.5476	0.1749
15:24:16	12.7306	5.4934	0.166
15:24:26	12.805	5.4541	0.1624
15:24:36	12.7782	5.4714	0.1749
15:24:46	12.7972	5.453	0.1821
15:24:56	12.677	5.525	0.1898
15:25:06	12.4937	5.6357	0.1957
15:25:16	12.3777	5.7166	0.1821
15:25:26	12.2384	5.8326	0.1821
15:25:36	12.1105	5.9076	0.1898
15:25:46	12.0664	5.9439	0.1898
15:25:56	12.0646	5.9409	0.1832
15:26:06	12.023	5.979	0.1821
15:26:16	11.9789	6.0034	0.1868
15:26:26	11.9563	6.0183	0.1672
15:26:36	11.9676	6.0094	0.1743
15:26:46	11.9772	6.0011	0.1743
15:26:56	12.0057	5.9767	0.1749
15:27:06	12.2003	5.81	0.1749



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
15:27:16	12.2955	5.7446	0.1672
15:27:26	12.3301	5.7196	0.1743
15:27:36	12.286	5.7678	0.1749
15:27:46	12.2801	5.7636	0.1821
15:27:56	12.2307	5.8112	0.1898
15:28:06	12.0878	5.9362	0.1898
15:28:16	11.9867	6.0088	0.1898
15:28:26	11.9313	6.0522	0.1892
15:28:36	11.9236	6.0564	0.1785
15:28:46	11.8724	6.1064	0.166
15:28:56	11.876	6.0903	0.1749
15:29:06	11.8855	6.0915	0.1821
15:29:16	11.9046	6.0725	0.1832
15:29:26	11.9962	6.01	0.1898
15:29:36	12.0646	5.9993	0.1898
15:29:46	12.0646	6.0141	0.1868
15:29:56	12.1241	5.9749	0.1832
15:30:06	12.0992	6.004	0.1898
15:30:16	12.1313	5.9761	0.1898
15:30:26	12.2878	5.8499	0.191
15:30:36	12.4288	5.7327	0.191
15:30:46	12.4901	5.6856	0.191
15:30:56	12.4556	5.7029	0.2041
15:31:06	12.4503	5.7005	0.1898
15:31:16	12.477	5.6773	0.1749
15:31:26	12.4901	5.6624	0.1672
15:31:36	12.5741	5.5797	0.1749
15:31:46	12.5818	5.5922	0.1934
15:31:56	12.5032	5.6487	0.1981
15:32:06	12.4866	5.6654	0.191
15:32:16	12.4711	5.6856	0.1898
15:32:26	12.4348	5.7172	0.1892
15:32:36	12.4027	5.7517	0.1743
15:32:46	12.3622	5.7821	0.1743
15:32:56	12.3491	5.7934	0.1743
15:33:06	12.3699	5.7791	0.1868
15:33:16	12.4098	5.744	0.1898
15:33:26	12.389	5.7588	0.1898
15:33:36	12.3396	5.7934	0.1898
15:33:46	12.3241	5.8065	0.1981
15:33:56	12.3568	5.7868	0.191
15:34:06	12.3509	5.7737	0.1898
15:34:16	12.3414	5.7797	0.1969
15:34:26	12.3051	5.8142	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:34:36	12.2878	5.8279	0.1898
15:34:46	12.2955	5.81	0.1934
15:34:56	12.311	5.7928	0.1946
15:35:06	12.311	5.7963	0.2059
15:35:16	12.3051	5.8011	0.2017
15:35:26	12.3128	5.791	0.1981
15:35:36	12.311	5.7832	0.2059
15:35:46	12.3259	5.7642	0.2047
15:35:56	12.3646	5.7392	0.1969
15:36:06	12.3396	5.763	0.1969
15:36:16	12.3092	5.7951	0.191
15:36:26	12.2955	5.8035	0.1821
15:36:36	12.3092	5.7934	0.1898
15:36:46	12.3051	5.7898	0.1898
15:36:56	12.3741	5.7231	0.1594
15:37:06	12.3491	5.7487	0.1511
15:37:16	12.3068	5.763	0.1594
15:37:26	12.2783	5.7696	0.1594
15:37:36	12.2652	5.7749	0.1844
15:37:46	12.2325	5.7981	0.1749
15:37:56	12.2325	5.7993	0.1749
15:38:06	12.2729	5.7707	0.1749
15:38:16	12.2497	5.7868	0.1672
15:38:26	12.2575	5.7815	0.1672
15:38:36	12.2348	5.8041	0.1749
15:38:46	12.2152	5.8201	0.1749
15:38:56	12.2307	5.8118	0.1749
15:39:06	12.2461	5.81	0.1743
15:39:16	12.2366	5.8148	0.1672
15:39:26	12.2289	5.8314	0.166
15:39:36	12.2212	5.8416	0.1624
15:39:46	12.242	5.8392	0.1743
15:39:56	12.2325	5.841	0.1743
15:40:06	12.1849	5.8868	0.1868
15:40:16	12.17	5.8987	0.1898
15:40:26	12.2705	5.8065	0.1898
15:40:36	12.4461	5.6743	0.1719
15:40:46	12.5205	5.6232	0.1743
15:40:56	12.561	5.5976	0.1821
15:41:06	12.5913	5.5761	0.1749
15:41:16	12.6389	5.5381	0.1821
15:41:26	12.7074	5.4869	0.1821
15:41:36	12.7954	5.4357	0.191
15:41:46	12.6467	5.5381	0.1892

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
15:41:56	12.5378	5.6047	0.1821
15:42:06	12.4235	5.6839	0.1821
15:42:16	12.3336	5.7303	0.1749
15:42:26	12.3051	5.7493	0.1743
15:42:36	12.1658	5.866	0.1821
15:42:46	12.0783	5.9332	0.1743
15:42:56	12.0248	5.9832	0.1898
15:43:06	11.9658	6.0255	0.1898
15:43:16	11.8796	6.101	0.1821
15:43:26	11.8819	6.0987	0.1821
15:43:36	11.9754	6.0231	0.1898
15:43:46	11.9522	6.0475	0.1898
15:43:56	11.8076	6.1415	0.1821
15:44:06	11.7332	6.1861	0.1898
15:44:16	11.6528	6.2468	0.1898
15:44:26	11.607	6.279	0.1743
15:44:36	11.6201	6.2599	0.1821
15:44:46	11.6493	6.2343	0.1868
15:44:56	11.6927	6.1885	0.1821
15:45:06	11.6373	6.2296	0.1821
15:45:16	11.6338	6.2361	0.1785
15:45:26	11.6701	6.2076	0.1749
15:45:36	11.7463	6.1498	0.1743
15:45:46	11.8415	6.0826	0.1594
15:45:56	11.8873	6.0558	0.166
15:46:06	11.8968	6.032	0.1672
15:46:16	11.9373	6.0022	0.1743
15:46:26	12.0022	5.957	0.1821
15:46:36	11.9867	5.9749	0.1743
15:46:46	12.0057	5.957	0.1821
15:46:56	12.0266	5.9558	0.1832
15:47:06	11.9807	5.9981	0.1696
15:47:16	11.973	6.0201	0.135
15:47:26	12.0611	5.9475	0.1422
15:47:36	12.1122	5.8898	0.1511
15:47:46	12.139	5.8535	0.1511
15:47:56	12.1831	5.8261	0.1523
15:48:06	12.1926	5.8154	0.1672
15:48:16	12.1849	5.8285	0.1672
15:48:26	12.2271	5.8041	0.1612
15:48:36	12.2444	5.8011	0.166
15:48:46	12.2729	5.7904	0.166
15:48:56	12.2997	5.7696	0.1511
15:49:06	12.2824	5.7821	0.1708

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
15:49:16	12.2325	5.8172	0.1672
15:49:26	12.2176	5.8261	0.1743
15:49:36	12.2229	5.8124	0.166
15:49:46	12.2325	5.8059	0.166
15:49:56	12.2592	5.7785	0.1743
<b>End Run 1B</b>	<b>12.12534</b>	<b>5.889135</b>	<b>0.193102</b>
15:50:06	12.2194	5.8082	0.1898
15:50:16	12.2289	5.7993	0.1898
15:50:26	12.3836	5.6731	0.1785
15:50:36	12.5758	5.544	0.1672
15:50:46	12.6621	5.5	0.1672
15:50:56	12.6812	5.4988	0.1708
15:51:06	12.6978	5.4958	0.1624
15:51:16	12.7591	5.4613	0.1594
15:51:26	12.7609	5.4571	0.1684
15:51:36	12.6865	5.4982	0.1773
15:51:46	12.5949	5.5476	0.1821
15:51:56	12.5282	5.5845	0.1743
15:52:06	12.4193	5.6642	0.1743
15:52:16	12.2634	5.7815	0.1743
15:52:26	12.1295	5.8725	0.1672
15:52:36	12.0783	5.8987	0.166
15:52:46	12.0765	5.8933	0.1672
15:52:56	12.1926	5.7987	0.1594
15:53:06	12.4747	5.5553	0.1535
15:53:16	13.5661	4.7602	0.1594
15:53:26	14.5236	4.0919	0.1594
15:53:36	14.598	3.9747	0.1547
15:53:46	14.4433	4.008	0.1583
15:53:56	14.3118	4.0544	0.166
15:54:06	14.1933	4.1074	0.1773
15:54:16	14.1803	4.1026	0.1785
15:54:26	14.144	4.1235	0.1624
15:54:36	14.0255	4.1836	0.1594
15:54:46	13.9666	4.2056	3.1082
15:54:56	13.9494	4.2127	0.6522
15:55:06	10.7756	1.1051	0.0172
15:55:16	1.8043	0.4612	-0.0024
15:55:26	0.9117	0.3594	0.0047
15:55:36	0.7724	0.3237	0.0047
15:55:46	0.6659	0.2743	-0.0114
15:55:56	0.582	0.2422	-0.0114
15:56:06	0.5248	0.2178	-0.0114

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
15:56:16	0.454	0.1922	-0.0114
15:56:26	0.3112	0.1404	-0.0191
15:56:36	0.2136	0.11	-0.0191
15:56:46	0.1892	0.0993	-0.0262
15:56:56	0.1434	0.0862	-0.034
15:57:06	0.1243	0.0785	-0.0423
15:57:16	0.1071	0.0761	-0.034
15:57:26	0.0839	0.0654	-0.034
15:57:36	0.0666	0.0595	-0.034
15:57:46	0.0535	0.0553	-0.0423
15:57:56	0.044	0.0511	-0.05
<b>Zero Bias</b>	<b>0.0547</b>	<b>0.0553</b>	<b>-0.0421</b>
15:58:06	0.0327	0.0482	0.094
15:58:16	1.9936	0.8414	-4.6E-05
15:58:26	5.0876	3.3689	-0.0191
15:58:36	9.3105	9.1956	-0.0191
15:58:46	9.7378	9.7092	-0.0191
15:58:56	9.7336	9.7395	-0.0191
15:59:06	9.7264	9.7372	-0.0191
15:59:16	9.7378	9.7604	-0.0191
15:59:26	9.7586	9.7883	-0.0191
15:59:36	9.8312	9.858	-0.0227
15:59:46	9.883	9.9091	-0.0274
15:59:56	9.9722	9.9954	-0.0423
<b>O2/CO2 Bias</b>	<b>9.895467</b>	<b>9.920833</b>	<b>-0.0308</b>
16:00:06	9.9859	10.0115	-0.009
16:00:16	11.0785	6.9651	2.2548
16:00:26	17.0051	2.2828	14.6016
16:00:36	19.7594	0.6712	14.8474
16:00:46	20.1522	0.5594	14.4826
16:00:56	20.2302	0.4838	14.648
16:01:06	20.3601	0.3481	14.7206
16:01:16	20.4916	0.2166	14.7593
16:01:26	20.5757	0.1344	14.7706
16:01:36	20.6215	0.091	14.798
16:01:46	20.629	0.0708	14.8325
<b>THC Mid Bias</b>	<b>20.60873</b>	<b>0.098733</b>	<b>14.80037</b>
16:01:56	20.6366	0.0613	14.8646
16:02:05	20.6366	0.0613	14.8646

### Veolia Unit 4

Uncorrected Concentrations									
24-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 2A	935-1040	12.45	5.43				0.23	38.27	0.00
Run 2B	1235-1545	12.24	5.77						0.37

Corrected O <sub>2</sub> Conc.					
24-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	935-1040	12.45	0.06	1.01	12.54
Run 2B	1235-1545	12.24	0.08	1.02	12.37

Corrected CO <sub>2</sub> Conc.					
24-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	935-1040	5.43	0.07	1.00	5.38
Run 2B	1235-1545	5.77	0.07	1.01	5.74

**Veolia Unit 4**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/24/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:42	-0.01	0.01	0.0%
span gas	CC189665	22.50	07:44	22.55	0.05	0.2%
mid-range	CC43355	10.10	07:45	10.10	0.00	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
2A	0.00	-0.01	07:51	0.02	0.2%	10:43	0.09	0.4%	0.3%	$C_O = 0.055$ $C_{MA}/(C_M - C_O) = 1.012$
	10.10	10.10	07:53	10.07	-0.1%	10:44	10.01	-0.4%	-0.2%	
2B	0.00	-0.01	10:43	0.09	0.4%	15:53	0.07	0.4%	-0.1%	$C_O = 0.080$ $C_{MA}/(C_M - C_O) = 1.017$
	10.10	10.10	10:44	10.01	-0.4%	15:55	10.00	-0.4%	0.0%	

**Veolia Unit 4**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/24/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:42	0.04	0.04	0.2%
span gas	CC189665	19.20	07:44	19.22	0.02	0.1%
mid-range	CC43355	10.00	07:45	10.06	0.06	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
2A	0.00	0.04	07:51	0.06	0.1%	10:43	0.07	0.2%	0.1%	C <sub>0</sub> = 0.065 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.004
	10.00	10.06	07:53	10.04	-0.1%	10:44	10.01	-0.3%	-0.1%	
2B	0.00	0.04	10:43	0.07	0.2%	15:53	0.06	0.1%	-0.1%	C <sub>0</sub> = 0.068 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.005
	10.00	10.06	10:44	10.01	-0.3%	15:55	10.01	-0.3%	0.0%	



**Veolia Unit 4  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/24/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	11:18	-0.02	0.02	n/a
<b>Span</b>	ALM025456	24.70	11:20	24.64	0.06	0.3%
<b>Mid</b>	ALM028646	14.80	11:21	14.96	0.16	1.1%
<b>Low</b>	ALM057529	8.43	11:24	8.51	0.08	1.0%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 2B	-0.02	12:13	-0.04	-0.1
	14.96	12:15	14.94	-0.1
	-0.02	13:38	-0.04	0.0
	14.96	13:39	14.90	-0.2
	-0.02	14:46	-0.02	0.0
	14.96	14:48	14.75	-0.7
	-0.02	15:53	-0.02	0.0
	14.96	15:56	14.73	-0.8
	-0.02			0.1
	14.96			-49.9
	-0.02			0.1
	14.96			-49.9
	-0.02			0.1
	14.96			-49.9
	-0.02			0.1
	14.96			-49.9

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00			0.00	n/a
<b>Span</b>	ALM025456	24.70			24.70	100.0%
<b>Mid</b>	ALM028646	14.80			14.80	100.0%
<b>Low</b>	ALM057529	8.43			8.43	100.0%

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
7:38:05	0.0017	0.0273	1.1878
7:38:15	-4.60E-05	0.0273	1.1253
7:38:25	-0.0054	0.0285	1.1319
7:38:35	-0.0078	0.0267	1.1777
7:38:45	-0.0096	0.0291	1.2176
7:38:55	-0.0114	0.0315	1.2794
7:39:05	-0.0209	0.0291	1.3366
7:39:15	-0.0018	0.0297	1.3598
7:39:25	-0.0036	0.0309	1.3497
7:39:35	20.6769	18.2201	1.2295
7:39:45	22.5898	19.3601	1.3973
7:39:55	22.6241	19.3813	1.3413
7:40:05	22.6528	19.3913	1.3062
7:40:15	22.6699	19.4024	1.2729
7:40:25	22.6684	19.4074	1.242
7:40:35	22.6412	19.4276	1.1878
7:40:45	22.5385	19.4326	1.158
7:40:55	22.548	19.4361	1.1503
7:41:05	22.548	19.2136	1.1182
7:41:15	22.5309	19.1265	1.0837
7:41:25	18.3822	12.0873	0.9396
7:41:35	0.2463	0.1404	1.0313
7:41:45	0.0309	0.094	1.0277
7:41:55	0.0059	0.0743	1.0152
7:42:05	0.0041	0.0595	0.9777
7:42:15	-0.0018	0.0482	0.9628
7:42:25	-0.0149	0.0374	0.9694
7:42:35	-0.0114	0.0327	0.9569
<b>N2 Zero</b>	<b>-0.00937</b>	<b>0.039433</b>	<b>0.963033</b>
7:42:45	-0.0018	0.0369	0.9545
7:42:55	18.3042	16.9381	0.8861
7:43:05	22.4393	19.1647	0.9456
7:43:15	22.5138	19.1899	0.9384
7:43:25	22.5233	19.2045	0.9396
7:43:35	22.5405	19.2136	0.9396
7:43:45	22.544	19.2186	0.9361
7:43:55	22.546	19.2247	0.9373
7:44:05	22.55	19.2287	0.9396
<b>O2/CO2 Span</b>	<b>22.54667</b>	<b>19.224</b>	<b>0.937667</b>
7:44:15	22.4831	18.9457	0.9307
7:44:25	15.6258	10.415	0.8492
7:44:35	10.2144	10.1151	0.8873

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:44:45	10.1252	10.1061	0.8938
7:44:55	10.1192	10.1008	0.8754
7:45:05	10.1079	10.0972	0.8789
7:45:15	10.0984	10.0936	0.8676
7:45:25	10.1061	10.0936	0.8676
7:45:35	10.096	10.0936	0.8599
7:45:45	10.0984	10.0496	0.8837
7:45:55	10.1002	10.0466	0.8153
<b>O2/CO2 Mid</b>	<b>10.0982</b>	<b>10.06327</b>	<b>0.852967</b>
7:46:05	10.0907	10.0413	0.8129
7:46:15	10.1115	10.0347	0.8837
7:46:25	10.14	10.102	1.6389
7:46:35	10.1383	10.1008	27.0985
7:46:45	10.14	10.0847	14.1975
7:46:55	10.1347	10.0776	9.655
7:47:05	10.1323	10.0663	8.9707
7:47:15	10.1287	10.0591	8.641
7:47:25	10.1305	10.0514	8.2541
7:47:35	10.1365	10.043	7.762
7:47:45	10.121	10.0377	6.8146
7:47:55	10.121	10.0305	6.0772
7:48:05	10.1287	10.0258	5.9951
7:48:15	10.1287	10.0198	5.7291
7:48:25	10.127	10.0145	5.2703
7:48:35	10.1365	10.0073	6.4539
7:48:45	10.6893	9.7503	6.4676
7:48:55	14.7355	3.5867	7.6567
7:49:05	14.7504	3.592	7.9792
7:49:15	14.7028	3.6194	7.6691
7:49:25	14.6932	3.6164	7.0544
7:49:35	14.7123	3.6028	6.6759
7:49:45	15.4657	3.207	19.9709
7:49:55	4.4008	0.3475	5.0346
7:50:05	0.4749	0.1273	4.0253
7:50:15	0.1315	0.0797	3.0868
7:50:25	0.069	0.0678	1.6044
7:50:35	0.044	0.0595	0.9236
7:50:45	0.0422	0.0565	0.579
7:50:55	0.0267	0.0565	0.3755
7:51:05	0.0249	0.0559	0.3148
7:51:15	0.0232	0.0541	0.2749
<b>Zero Bias</b>	<b>0.024933</b>	<b>0.0555</b>	<b>0.321733</b>

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:51:25	0.019	0.0517	0.1511
7:51:35	4.3413	1.4526	4.1032
7:51:45	4.7037	3.2731	2.6036
7:51:55	9.7627	9.6681	0.2118
7:52:05	9.9913	9.9228	0.0779
7:52:15	10.0353	9.9877	0.0434
7:52:25	10.0466	10.0097	0.0261
7:52:35	10.0526	10.0204	0.0113
7:52:45	10.0561	10.0305	-0.0102
7:52:55	10.0621	10.0377	-0.0215
7:53:05	10.0811	10.0401	-0.0399
<b>O2/CO2 Bias</b>	<b>10.06643</b>	<b>10.0361</b>	<b>-0.02387</b>
7:53:15	10.0657	10.0335	-0.031
7:53:25	11.4832	6.8497	2.9999
7:53:35	11.4523	6.9758	7.7001
7:53:45	12.6044	4.84	15.2241
9:30:05	12.6597	5.2822	0.46
9:30:15	12.6752	5.2709	0.4558
9:30:25	12.5973	5.3119	0.4558
9:30:35	12.5205	5.3637	0.4558
9:30:45	12.4366	5.4095	0.4558
9:30:55	12.4366	5.4036	0.4475
9:31:05	12.4271	5.4071	0.4397
9:31:15	12.4122	5.4113	0.4475
9:31:25	12.4461	5.3928	0.4475
9:31:35	12.4598	5.3809	0.4558
9:31:45	12.555	5.322	0.4338
9:31:55	12.6217	5.2881	0.4362
9:32:05	12.6121	5.2935	0.4338
9:32:15	12.721	5.2161	0.4249
9:32:25	13.0126	5.015	0.4076
9:32:35	12.6961	5.2822	0.4153
9:32:45	12.2652	5.5601	0.4213
9:32:55	12.2955	5.5029	0.4278
9:33:05	12.4616	5.3899	0.4314
9:33:15	12.5931	5.2988	0.4314
9:33:25	12.6407	5.2917	0.4314
9:33:35	12.5973	5.3232	0.4314
9:33:45	12.5229	5.3756	0.4261
9:33:55	12.4919	5.3893	0.4386
9:34:05	12.5169	5.3625	0.4386
9:34:15	12.5532	5.3304	0.4386

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:34:25	12.5378	5.3357	0.4397
9:34:35	12.5973	5.3036	0.4397
9:34:45	12.5723	5.3244	0.4237
9:34:55	12.5282	5.3464	0.4314

**Start Run 2A**

9:35:05	12.458	5.3911	0.4397
9:35:15	12.4253	5.4143	0.4397
9:35:25	12.3812	5.4506	0.4475
9:35:35	12.3759	5.4381	0.4397
9:35:45	12.4634	5.3946	0.4314
9:35:55	12.53	5.3423	0.4237
9:36:05	12.633	5.2953	0.4153
9:36:15	12.6312	5.2935	0.4165
9:36:25	12.6597	5.2786	0.4153
9:36:35	12.658	5.2691	0.4237
9:36:45	12.6217	5.3107	0.4237
9:36:55	12.5663	5.347	0.4237
9:37:05	12.53	5.3571	0.4237
9:37:15	12.5324	5.3583	0.4213
9:37:25	12.5437	5.3554	0.4314
9:37:35	12.5741	5.3333	0.4314
9:37:45	12.5776	5.3387	0.4153
9:37:55	12.5586	5.3363	0.4153
9:38:05	12.53	5.3548	0.4076
9:38:15	12.5032	5.3655	0.4213
9:38:25	12.477	5.3899	0.4225
9:38:35	12.5247	5.3583	0.4302
9:38:45	12.5419	5.3494	0.4237
9:38:55	12.5455	5.3458	0.4201
9:39:05	12.536	5.3548	0.4076
9:39:15	12.5854	5.3274	0.4076
9:39:25	12.6371	5.2988	0.41
9:39:35	12.6597	5.3066	0.4076
9:39:45	12.6788	5.2929	0.3993
9:39:55	12.9156	5.1203	0.4076
9:40:05	13.1216	4.9852	0.4153
9:40:15	13.0757	5.0542	0.4076
9:40:25	13.1864	4.9834	0.4088
9:40:35	13.1424	5.0185	0.4088
9:40:45	13.0567	5.0673	0.4076
9:40:55	13.1138	5.015	0.4153
9:41:05	13.1043	5.0227	0.4153
9:41:15	13.1424	4.9852	0.4153

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:41:25	12.9978	5.0929	0.4076
9:41:35	12.8163	5.2125	0.4314
9:41:45	12.7936	5.2167	0.4153
9:41:55	12.8371	5.1917	0.4076
9:42:05	12.8085	5.2167	0.3915
9:42:15	12.7591	5.2435	0.3915
9:42:25	12.7288	5.2637	0.3993
9:42:35	12.7246	5.2595	0.3993
9:42:45	12.7573	5.2369	0.3915
9:42:55	12.7228	5.2649	0.3915
9:43:05	12.7532	5.2578	0.3915
9:43:15	12.7841	5.2411	0.3993
9:43:25	12.7859	5.2411	0.3915
9:43:35	12.7532	5.2512	0.3832
9:43:45	12.7401	5.2637	0.3832
9:43:55	12.7115	5.2905	0.3892
9:44:05	12.7097	5.2875	0.3832
9:44:15	12.7074	5.2881	0.3832
9:44:25	12.658	5.3125	0.3832
9:44:35	12.6407	5.3202	0.3767
9:44:45	12.6163	5.3268	0.3767
9:44:55	12.6199	5.3167	0.3767
9:45:05	12.6294	5.3143	0.3767
9:45:15	12.6562	5.3012	0.3844
9:45:25	12.6562	5.2976	0.3767
9:45:35	12.677	5.2828	0.3767
9:45:45	12.6907	5.2744	0.3832
9:45:55	12.6597	5.303	0.3927
9:46:05	12.6389	5.3161	0.3915
9:46:15	12.6121	5.322	0.3767
9:46:25	12.6217	5.3179	0.3767
9:46:35	12.6597	5.2869	0.3844
9:46:45	12.7437	5.2494	0.3832
9:46:55	12.8276	5.1798	0.3844
9:47:05	12.9365	5.1149	0.3844
9:47:15	12.9043	5.1393	0.3767
9:47:25	12.8829	5.1459	0.3903
9:47:35	12.868	5.1578	0.3832
9:47:45	12.7097	5.2691	0.3844
9:47:55	12.5949	5.3339	0.3767
9:48:05	12.4979	5.3821	0.3707
9:48:15	12.5705	5.3137	0.3683
9:48:25	12.7246	5.2042	0.3683
9:48:35	12.7478	5.1953	0.3743

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:48:45	12.6217	5.2917	0.3868
9:48:55	12.4193	5.4244	0.3939
9:49:05	12.2973	5.4875	0.3844
9:49:15	12.2515	5.522	0.3868
9:49:25	12.1866	5.5601	0.3975
9:49:35	12.1771	5.5636	0.3927
9:49:45	12.189	5.5583	0.3832
9:49:55	12.1605	5.5744	0.3915
9:50:05	12.1985	5.541	0.3915
9:50:15	12.2212	5.5196	0.3844
9:50:25	12.2003	5.5363	0.3832
9:50:35	12.1962	5.544	0.3892
9:50:45	12.1563	5.5785	0.3903
9:50:55	12.2057	5.5339	0.3892
9:51:05	12.3432	5.4559	0.363
9:51:15	12.414	5.4244	0.3844
9:51:25	12.4253	5.425	0.3767
9:51:35	12.4253	5.4315	0.3767
9:51:45	12.3586	5.4708	0.3767
9:51:55	12.3432	5.4738	0.3767
9:52:05	12.3283	5.4797	0.3814
9:52:15	12.3646	5.4583	0.3767
9:52:25	12.3622	5.4595	0.3767
9:52:35	12.3908	5.4422	0.3767
9:52:45	12.3931	5.4494	0.3814
9:52:55	12.4348	5.4256	0.3832
9:53:05	12.5187	5.3786	0.3844
9:53:15	12.5568	5.3595	0.3683
9:53:25	12.6181	5.3244	0.3767
9:53:35	12.721	5.2756	0.3767
9:53:45	12.7193	5.2929	0.3767
9:53:55	12.7193	5.2947	0.3606
9:54:05	12.83	5.2119	0.3683
9:54:15	12.9954	5.1078	0.3606
9:54:25	12.9936	5.112	0.357
9:54:35	13.137	5.0078	0.3445
9:54:45	13.1656	4.9959	0.3529
9:54:55	13.1579	4.9941	0.3529
9:55:05	12.9519	5.1375	0.3445
9:55:15	12.8109	5.2256	0.3606
9:55:25	12.7556	5.2548	0.3606
9:55:35	12.7841	5.2411	0.3606
9:55:45	12.7877	5.2363	0.3683
9:55:55	12.849	5.1905	0.3683

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:56:05	12.9347	5.134	0.3606
9:56:15	12.9615	5.1221	0.3445
9:56:25	12.9841	5.1137	0.3445
9:56:35	12.9859	5.1167	0.3445
9:56:45	12.8657	5.1899	0.3582
9:56:55	12.7151	5.2774	0.3683
9:57:05	12.6812	5.2881	0.3606
9:57:15	12.6371	5.3125	0.3386
9:57:25	12.5663	5.3476	0.3529
9:57:35	12.5627	5.3554	0.3469
9:57:45	12.58	5.347	0.3445
9:57:55	12.6044	5.325	0.3445
9:58:05	12.5895	5.3363	0.3469
9:58:15	12.5282	5.3732	0.3445
9:58:25	12.4443	5.4232	0.3368
9:58:35	12.3908	5.4476	0.3398
9:58:45	12.4122	5.4327	0.3505
9:58:55	12.4461	5.4071	0.3529
9:59:05	12.5074	5.3714	0.3445
9:59:15	12.536	5.3637	0.3261
9:59:25	12.4919	5.3982	0.3445
9:59:35	12.3985	5.4464	0.3421
9:59:45	12.4044	5.4411	0.3445
9:59:55	12.4253	5.4208	0.3368
10:00:05	12.4348	5.4167	0.3368
10:00:15	12.414	5.4303	0.3445
10:00:25	12.4443	5.419	0.3344
10:00:35	12.4235	5.4244	0.332
10:00:45	12.4044	5.4339	0.3296
10:00:55	12.3812	5.447	0.3344
10:01:05	12.3301	5.4762	0.338
10:01:15	12.311	5.4893	0.338
10:01:25	12.3414	5.4637	0.3296
10:01:35	12.4538	5.3923	0.338
10:01:45	12.5342	5.35	0.3368
10:01:55	12.5282	5.3548	0.3445
10:02:05	12.5818	5.3202	0.3457
10:02:15	12.7193	5.2167	0.3445
10:02:25	12.9668	5.0655	0.3445
10:02:35	12.9139	5.1352	0.3296
10:02:45	12.799	5.2244	0.3457
10:02:55	12.7401	5.2578	0.3457
10:03:05	12.702	5.2816	0.3529
10:03:15	12.6883	5.2851	0.3505



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:03:25	12.7133	5.281	0.338
10:03:35	12.6389	5.3149	0.338
10:03:45	12.53	5.3815	0.338
10:03:55	12.2747	5.5506	0.3445
10:04:05	12.0593	5.7071	0.3529
10:04:15	12.0093	5.7452	0.3582
10:04:25	11.9998	5.7434	0.3665
10:04:35	12.1241	5.6243	0.3606
10:04:45	12.2783	5.5101	0.3529
10:04:55	12.3509	5.4684	0.3529
10:05:05	12.389	5.4476	0.338
10:05:15	12.4461	5.4244	0.3261
10:05:25	12.4747	5.3875	0.3195
10:05:35	12.4443	5.4042	0.332
10:05:45	12.4122	5.4161	0.3529
10:05:55	12.4271	5.3982	0.3606
10:06:05	12.536	5.3357	0.3529
10:06:15	12.5151	5.3464	0.3457
10:06:25	12.4616	5.3881	0.338
10:06:35	12.5074	5.369	0.3368
10:06:45	12.5229	5.3708	0.3296
10:06:55	12.4521	5.4137	0.3296
10:07:05	12.3759	5.4607	0.3296
10:07:15	12.3301	5.4821	0.338
10:07:25	12.3223	5.491	0.338
10:07:35	12.3336	5.4827	0.338
10:07:45	12.3473	5.4827	0.3296
10:07:55	12.2575	5.5357	0.3296
10:08:05	12.3717	5.4631	0.3219
10:08:15	12.4193	5.4327	0.3296
10:08:25	12.6104	5.3232	0.3296
10:08:35	12.7817	5.2215	0.3237
10:08:45	12.9305	5.134	0.307
10:08:55	13.0299	5.0786	0.307
10:09:05	12.9954	5.1012	0.307
10:09:15	13.0531	5.0608	0.3148
10:09:25	13.0817	5.0417	0.3219
10:09:35	13.0888	5.0459	0.3219
10:09:45	13.137	4.9852	0.3219
10:09:55	13.1805	4.9632	0.3219
10:10:05	13.1483	4.9787	0.3219
10:10:15	13.0912	5.0328	0.3296
10:10:25	13.1025	5.0042	0.3296
10:10:35	13.0168	5.0899	0.3296

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:10:45	12.7383	5.2673	0.3296
10:10:55	12.6788	5.2988	0.3219
10:11:05	12.6621	5.306	0.3219
10:11:15	12.6068	5.3411	0.3296
10:11:25	12.5532	5.3774	0.3148
10:11:35	12.4312	5.4422	0.307
10:11:45	12.3396	5.4893	0.3219
10:11:55	12.2634	5.5244	0.316
10:12:05	12.2152	5.569	0.3237
10:12:15	12.2253	5.5452	0.3344
10:12:25	12.2081	5.5577	0.3296
10:12:35	12.189	5.5744	0.3296
10:12:45	12.1718	5.5934	0.3285
10:12:55	12.1831	5.5738	0.3219
10:13:05	12.2057	5.5631	0.3219
10:13:15	12.1622	5.5952	0.3296
10:13:25	12.0325	5.6922	0.3237
10:13:35	11.9141	5.785	0.3148
10:13:45	11.8111	5.8606	0.3219
10:13:55	11.338	6.2903	0.3273
10:14:05	10.9774	6.5176	0.3261
10:14:15	11.2904	6.2581	0.3296
10:14:25	11.5171	6.082	0.3219
10:14:35	11.529	6.0856	0.3219
10:14:45	11.6243	5.9886	0.3296
10:14:55	11.7064	5.9284	0.338
10:15:05	11.8986	5.7761	0.3296
10:15:15	12.1908	5.5625	0.3356
10:15:25	12.3396	5.4839	0.338
10:15:35	12.4503	5.422	0.338
10:15:45	12.5151	5.3851	0.3296
10:15:55	12.4747	5.4274	0.3219
10:16:05	12.5092	5.3923	0.3219
10:16:15	12.5378	5.3738	0.307
10:16:25	12.4538	5.4303	0.307
10:16:35	12.3336	5.4982	0.3219
10:16:45	12.2747	5.5285	0.3237
10:16:55	12.2634	5.5339	0.3219
10:17:05	12.2212	5.5648	0.3219
10:17:15	12.2003	5.5696	0.3219
10:17:25	12.2307	5.5446	0.3219
10:17:35	12.3432	5.4827	0.3088
10:17:45	12.4556	5.4095	0.307
10:17:55	12.4158	5.4476	0.307

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:18:05	12.4003	5.4583	0.307
10:18:15	12.4461	5.4226	0.307
10:18:25	12.4842	5.4036	0.307
10:18:35	12.5205	5.3815	0.3171
10:18:45	12.477	5.4089	0.3195
10:18:55	12.511	5.3839	0.3171
10:19:05	12.5568	5.3583	0.3219
10:19:15	12.5282	5.3821	0.3219
10:19:25	12.4711	5.4107	0.3219
10:19:35	12.4693	5.4196	0.3148
10:19:45	12.4729	5.419	0.3219
10:19:55	12.4098	5.4464	0.3219
10:20:05	12.408	5.447	0.3219
10:20:15	12.3949	5.4595	0.2987
10:20:25	12.3586	5.4869	0.2987
10:20:35	12.2801	5.5422	0.2933
10:20:45	12.261	5.5571	0.2999
10:20:55	12.2479	5.5631	0.3148
10:21:05	12.2783	5.5381	0.3148
10:21:15	12.311	5.5053	0.3148
10:21:25	12.3259	5.4946	0.3148
10:21:35	12.4193	5.4363	0.2987
10:21:45	12.4884	5.3976	0.2963
10:21:55	12.5455	5.372	0.307
10:22:05	12.5568	5.3732	0.307
10:22:15	12.5681	5.3601	0.3148
10:22:25	12.5514	5.369	0.3124
10:22:35	12.5437	5.3577	0.3088
10:22:45	12.6217	5.3066	0.3219
10:22:55	12.6425	5.3	0.3219
10:23:05	12.6181	5.3268	0.3237
10:23:15	12.5378	5.3768	0.3332
10:23:25	12.4407	5.4393	0.3296
10:23:35	12.3795	5.4708	0.332
10:23:45	12.3033	5.5113	0.338
10:23:55	12.267	5.5351	0.338
10:24:05	12.1849	5.5845	0.3296
10:24:15	12.3068	5.4637	0.3219
10:24:25	12.3568	5.4434	0.3219
10:24:35	12.2557	5.4922	0.3219
10:24:45	12.1051	5.5964	0.3148
10:24:55	12.023	5.6273	0.31
10:25:05	12.0343	5.6285	0.307
10:25:15	11.9825	5.6791	0.3148

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:25:25	11.9599	5.7005	0.3148
10:25:35	11.8242	5.8326	0.3148
10:25:45	11.6969	5.9231	0.307
10:25:55	11.5862	6.004	0.3148
10:26:05	11.5689	6.0153	0.3171
10:26:15	11.6701	5.9469	0.3148
10:26:25	11.7939	5.8535	0.3148
10:26:35	11.8093	5.857	0.3148
10:26:45	11.7427	5.9058	0.307
10:26:55	11.7141	5.9207	0.291
10:27:05	11.7427	5.9058	0.3035
10:27:15	11.7748	5.888	0.307
10:27:25	11.7903	5.8773	0.3035
10:27:35	11.7808	5.885	0.316
10:27:45	11.8129	5.8558	0.3183
10:27:55	11.8206	5.8523	0.3148
10:28:05	11.8129	5.8505	0.3207
10:28:15	11.7653	5.8933	0.3219
10:28:25	11.7332	5.9124	0.3249
10:28:35	11.7385	5.9118	0.3088
10:28:45	11.7332	5.9249	0.3148
10:28:55	11.7403	5.9225	0.307
10:29:05	11.729	5.9338	0.3148
10:29:15	11.7195	5.9284	0.3148
10:29:25	11.7826	5.8797	0.3035
10:29:35	11.8052	5.8677	0.2987
10:29:45	11.7332	5.9314	0.2987
10:29:55	11.7064	5.9344	0.2987
10:30:05	11.7236	5.9088	0.291
10:30:15	11.6969	5.9237	0.2826
10:30:25	11.6754	5.9374	0.2761
10:30:35	11.6737	5.9344	0.2975
10:30:45	11.8034	5.8428	0.2987
10:30:55	11.9426	5.766	0.2999
10:31:05	12.0039	5.7208	0.291
10:31:15	12.1027	5.6541	0.3023
10:31:25	12.0307	5.7166	0.307
10:31:35	12.0498	5.6958	0.307
10:31:45	12.1831	5.6029	0.307
10:31:55	12.3205	5.5154	0.3082
10:32:05	12.4175	5.4637	0.307
10:32:15	12.4919	5.4178	0.3148
10:32:25	12.5437	5.4149	0.3148
10:32:35	12.5473	5.3863	0.2963

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:32:45	12.6467	5.3339	0.2922
10:32:55	12.727	5.2923	0.3058
10:33:05	12.799	5.2465	0.2963
10:33:15	12.7913	5.2417	0.291
10:33:25	12.849	5.2084	0.291
10:33:35	12.8698	5.1982	0.2963
10:33:45	12.8466	5.2137	0.3011
10:33:55	12.9061	5.1863	0.3088
10:34:05	13.0073	5.1274	0.2987
10:34:15	13.1043	5.0703	0.307
10:34:25	13.068	5.0989	0.2886
10:34:35	13.0168	5.1268	0.3047
10:34:45	13.0246	5.1227	0.2987
10:34:55	13.0031	5.1393	0.307
10:35:05	12.9573	5.1631	0.2987
10:35:15	12.9859	5.1429	0.2987
10:35:25	13.0186	5.128	0.2999
10:35:35	13.0359	5.1143	0.2987
10:35:45	13.0281	5.1233	0.2987
10:35:55	13.0126	5.1364	0.2933
10:36:05	13.0168	5.125	0.3023
10:36:15	13.0031	5.1334	0.307
10:36:25	12.965	5.1489	0.3047
10:36:35	12.7056	5.2947	0.2963
10:36:45	12.5395	5.3815	0.2951
10:36:55	12.4901	5.3982	0.2987
10:37:05	12.4443	5.4244	0.291
10:37:15	12.3836	5.4666	0.2987
10:37:25	12.4027	5.4506	0.2922
10:37:35	12.4003	5.4577	0.2838
10:37:45	12.3033	5.5143	0.2922
10:37:55	12.1355	5.6202	0.2999
10:38:05	12.0498	5.6684	0.2701
10:38:15	12.0343	5.6696	0.2838
10:38:25	12.0212	5.6898	0.2838
10:38:35	11.9468	5.7463	0.2785
10:38:45	11.9772	5.7184	0.2737
10:38:55	11.9349	5.7535	0.2838
10:39:05	11.9712	5.7172	0.2838
10:39:15	11.8724	5.7934	0.2838
10:39:25	11.7617	5.86	0.2838
10:39:35	12.0593	5.6089	0.2838
10:39:45	12.0914	5.6047	0.2838
10:39:55	12.1985	5.5	0.2886

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
<b>End Run 2A</b>	<b>12.45369</b>	<b>5.426967</b>	<b>0.343133</b>
10:40:05	12.2194	5.4893	0.2826
10:40:15	12.1831	5.4946	0.2838
10:40:25	11.9944	5.6499	0.2838
10:40:35	11.8147	5.7868	0.2838
10:40:45	11.7617	5.8326	0.2785
10:40:55	11.7367	5.8422	0.2838
10:41:05	11.7159	5.8737	0.2898
10:41:15	11.582	5.9772	0.2886
10:41:25	11.4582	6.0641	0.2761
10:41:35	16.0721	3.7456	1.0224
10:41:45	1.4538	0.2654	0.1785
10:41:55	0.2844	0.1797	0.0345
10:42:05	0.185	0.1237	0.0047
10:42:15	0.2041	0.1297	-0.0054
10:42:25	0.1434	0.1023	-0.0185
10:42:35	0.1374	0.0964	-0.0399
10:42:45	0.1124	0.0827	-0.05
10:42:55	0.0916	0.0773	-0.0423
10:43:05	0.0726	0.0654	-0.05
10:43:15	0.0916	0.0809	-0.05
<b>Zero Bias</b>	<b>0.085267</b>	<b>0.074533</b>	<b>-0.04743</b>
10:43:25	0.3987	0.2862	0.2166
10:43:35	5.6059	1.6419	0.4868
10:43:45	9.5069	9.636	0.0184
10:43:55	9.9645	9.908	-0.0173
10:44:05	9.9835	9.9657	-0.0185
10:44:15	10.0008	9.9966	-0.0191
10:44:25	10.0103	10.0175	-0.0185
10:44:35	10.0198	10.0288	-0.0286
<b>O2/CO2 Bias</b>	<b>10.0103</b>	<b>10.0143</b>	<b>-0.02207</b>
10:44:45	10.0258	10.0282	0.0232
10:44:55	12.0498	5.5387	0.6296
10:45:05	12.5627	5.1875	0.5344
10:45:15	18.5957	0.9111	15.161
10:45:25	20.4326	0.307	24.3668
10:45:35	20.5434	0.2071	25.2082
10:45:45	20.5892	0.1475	25.4106
11:17:05	8.9707	0.4397	5.9594
11:17:15	0.3951	0.1886	0.1452

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:17:25	0.2273	0.1327	0.0244
11:17:35	0.16	0.1047	0.0047
11:17:45	0.1279	0.0862	-0.0173
11:17:55	0.0976	0.0726	-0.0185
11:18:05	0.0821	0.0773	-0.0191
11:18:15	0.0648	0.072	-0.0215
11:18:25	0.0553	0.0666	-0.0262
<b>Zero Bias</b>	<b>0.0674</b>	<b>0.071967</b>	<b>-0.02227</b>
11:18:35	0.0535	0.0607	0.0113
11:18:45	9.0909	4.568	1.94
11:18:55	18.9563	0.1511	21.0606
11:19:05	20.3717	0.088	24.2832
11:19:15	20.4996	0.0678	24.4731
11:19:25	20.5565	0.0571	24.5259
11:19:35	20.6023	0.0505	24.5602
11:19:45	20.6255	0.0476	24.5798
11:19:55	20.6461	0.0434	24.606
11:20:05	20.6673	0.0476	24.6266
11:20:15	20.6824	0.0392	24.6392
11:20:25	20.6864	0.0452	24.6438
<b>THC Span Bias 24.7</b>	<b>20.6787</b>	<b>0.044</b>	<b>24.63653</b>
11:20:35	20.692	0.0452	24.6256
11:20:45	16.4613	2.8261	16.6737
11:20:55	20.5182	0.1106	15.1414
11:21:05	20.6159	0.0648	14.8831
11:21:15	20.6366	0.0529	14.9218
11:21:25	20.631	0.0488	14.9539
11:21:35	20.6351	0.0458	14.9599
11:21:45	20.6351	0.0446	14.9599
11:21:55	20.6406	0.0434	14.9676
<b>THC Mid Bias 14.8</b>	<b>20.63693</b>	<b>0.0446</b>	<b>14.96247</b>
11:22:05	20.6406	0.0428	14.9747
11:22:15	20.6537	0.0428	14.9825
11:22:25	20.6482	0.038	14.9902
11:22:35	17.7473	1.7603	7.5031
11:22:45	19.7806	0.4814	8.8558
11:22:55	20.6824	0.0987	8.3892
11:23:05	20.7131	0.0648	8.4523
11:23:15	20.7151	0.0529	8.4809
11:23:25	20.7282	0.0464	8.4946
11:23:35	20.7358	0.0428	8.5047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:23:45	20.7453	0.0398	8.5083
11:23:55	20.7453	0.0374	8.513
11:24:05	20.7433	0.0374	8.5118
<b>THC Low Bias 8.43</b>	<b>20.74463</b>	<b>0.0382</b>	<b>8.511033</b>
11:24:15	20.7474	0.0351	8.4523
11:24:25	16.3506	3.1094	2.9594
11:24:35	13.1632	4.7971	0.6284
11:24:45	13.0585	4.8697	0.5451
11:24:55	12.9996	4.9108	0.507
11:25:05	12.9787	4.9245	0.4683
11:25:15	12.9537	4.9501	0.4201
11:25:25	12.9252	4.9608	0.3993
11:25:35	12.9478	4.9465	0.3856
11:25:45	12.946	4.9537	0.3654
11:25:55	12.9329	4.9572	0.3505
11:26:05	12.9192	4.9709	0.3296
11:26:15	12.9573	4.9459	0.3231
11:26:25	12.9365	4.9608	0.3112
11:26:35	12.9347	4.959	0.307
11:26:45	12.9365	4.9566	0.307
11:26:55	12.9692	4.9459	0.307
11:27:05	12.9633	4.9435	0.3011
11:27:15	12.9859	4.9334	0.307
11:27:25	12.9918	4.9328	0.3088
11:27:35	12.9859	4.9304	0.2987
11:27:45	13.0144	4.9114	0.2987
11:27:55	12.99	4.9364	0.2886
11:28:05	12.99	4.9364	0.2838
11:28:15	12.9841	4.9358	0.2803
11:28:25	13.0073	4.9197	0.2701
11:28:35	13.0263	4.9144	0.2749
11:28:45	13.0091	4.9239	0.2749
11:28:55	12.9954	4.9352	0.2666
11:29:05	12.9692	4.9537	0.2725
11:29:15	12.9537	4.962	0.26
11:29:25	12.9859	4.9418	0.2612
11:29:35	13.0454	4.9066	0.2624
11:29:45	13.0376	4.9114	0.2678
11:29:55	12.99	4.9412	0.2678
11:30:05	12.9597	4.9578	0.2678
11:30:15	12.9234	4.9834	0.2689
11:30:25	12.9668	4.9703	0.26
11:30:35	12.9424	4.9662	0.2749



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:30:45	12.927	4.9792	0.2678
11:30:55	12.9383	4.9739	0.2678
11:31:05	12.9234	4.9822	0.2564
11:31:15	12.9192	4.987	0.2517
11:31:25	12.868	5.0138	0.2517
11:31:35	12.7074	5.112	0.2529
11:31:45	12.5741	5.181	0.2529
11:31:55	12.511	5.2179	0.2517
11:32:05	12.4979	5.2244	0.2451
11:32:15	12.4979	5.2197	0.2517
11:32:25	12.4884	5.2322	0.26
11:32:35	12.4312	5.2584	0.2666
11:32:45	12.4217	5.2768	0.2612
11:32:55	12.3949	5.2845	0.26
11:33:05	12.3741	5.3083	0.2529
11:33:15	12.3699	5.3149	0.2529
11:33:25	12.3836	5.303	0.2553
11:33:35	12.3473	5.3339	0.2576
11:33:45	12.3033	5.3554	0.2517
11:33:55	12.3396	5.3393	0.26
11:34:05	12.408	5.3083	0.2451
11:34:15	12.4634	5.2703	0.2368
11:34:25	12.5151	5.2423	0.2368
11:34:35	12.4461	5.2744	0.2428
11:34:45	12.3908	5.3214	0.2576
11:34:55	12.3664	5.3298	0.2678
11:35:05	12.3795	5.3274	0.2588
11:35:15	12.3509	5.3417	0.26
11:35:25	12.3949	5.3179	0.2529
11:35:35	12.3836	5.328	0.2529
11:35:45	12.5491	5.2465	0.2553
11:35:55	12.5134	5.2637	0.2529
11:36:05	12.53	5.2542	0.2529
11:36:15	12.677	5.1619	0.2493
11:36:25	12.7972	5.1006	0.2451
11:36:35	12.8657	5.0679	0.2451
11:36:45	12.8829	5.0572	0.2439
11:36:55	12.9478	5.015	0.2529
11:37:05	13.0281	4.9554	0.2517
11:37:15	13.0359	4.9739	0.2368
11:37:25	13.049	4.9578	0.2291
11:37:35	12.927	5.0328	0.2451
11:37:45	12.8163	5.0893	0.2517
11:37:55	12.7859	5.1066	0.2529

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:38:05	12.7764	5.1096	0.2529
11:38:15	12.7478	5.1179	0.2451
11:38:25	12.6675	5.1608	0.2624
11:38:35	12.6734	5.1548	0.26
11:38:45	12.6734	5.1548	0.26
11:38:55	12.702	5.1393	0.2564
11:39:05	12.7074	5.128	0.26
11:39:15	12.7056	5.1381	0.2517
11:39:25	12.7038	5.1364	0.2529
11:39:35	12.6657	5.1566	0.2451
11:39:45	12.6925	5.1441	0.2517
11:39:55	12.6812	5.1465	0.2517
11:40:05	12.7288	5.1173	0.2529
11:40:15	12.7115	5.131	0.2517
11:40:25	12.6883	5.1518	0.2564
11:40:35	12.6312	5.1768	0.2451
11:40:45	12.5437	5.2322	0.2451
11:40:55	12.5324	5.2351	0.2368
11:41:05	12.5324	5.2298	0.2368
11:41:15	12.5741	5.2167	0.2439
11:41:25	12.5342	5.2393	0.2451
11:41:35	12.53	5.2322	0.238
11:41:45	12.5455	5.2203	0.2368
11:41:55	12.6121	5.1875	0.2368
11:42:05	12.658	5.1608	0.2368
11:42:15	12.6086	5.1893	0.2291
11:42:25	12.5491	5.2256	0.2368
11:42:35	12.5931	5.2024	0.2303
11:42:45	12.5663	5.2161	0.2315
11:42:55	12.5913	5.1893	0.2303
11:43:05	12.58	5.1977	0.2356
11:43:15	12.5973	5.1852	0.2439
11:43:25	12.6657	5.1477	0.2303
11:43:35	12.6276	5.1786	0.2291
11:43:45	12.6044	5.1917	0.2356
11:43:55	12.6294	5.1768	0.2356
11:44:05	12.6675	5.1542	0.2439
11:44:15	12.658	5.1727	0.2356
11:44:25	12.658	5.1584	0.2428
11:44:35	12.7056	5.1375	0.2439
11:44:45	12.7097	5.1334	0.2439
11:44:55	12.7097	5.1381	0.2451
11:45:05	12.6865	5.1459	0.2368
11:45:15	12.7133	5.1137	0.2416

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:45:25	12.6883	5.1328	0.2416
11:45:35	12.6865	5.134	0.2451
11:45:45	12.7038	5.1245	0.2368
11:45:55	12.7246	5.1096	0.2517
11:46:05	12.7365	5.1054	0.2529
11:46:15	12.7437	5.1054	0.2529
11:46:25	12.7115	5.1197	0.2416
11:46:35	12.7306	5.1066	0.2368
11:46:45	12.7627	5.0899	0.2451
11:46:55	12.7496	5.0935	0.2451
11:47:05	12.6961	5.1364	0.2529
11:47:15	12.7306	5.1096	0.2517
11:47:25	12.8204	5.0501	0.2493
11:47:35	12.9192	4.9834	0.2451
11:47:45	12.9692	4.9632	0.2338
11:47:55	12.8966	5.0352	0.2368
11:48:05	12.9805	5.0251	0.2368
11:48:15	12.824	5.1846	0.2416
11:48:25	12.683	5.3072	0.2475
11:48:35	12.5532	5.3982	0.2451
11:48:45	12.3622	5.5148	0.2368
11:48:55	12.1771	5.6606	0.2451
11:49:05	12.0629	5.7499	0.2451
11:49:15	12.0152	5.7987	0.2368
11:49:25	11.9617	5.8368	0.2368
11:49:35	11.9444	5.8344	0.2368
11:49:45	11.9063	5.8743	0.2368
11:49:55	11.9331	5.8737	0.2368
11:50:05	11.9141	5.8814	0.2368
11:50:15	11.9944	5.8178	0.2451
11:50:25	12.0343	5.7975	0.2368
11:50:35	12.1337	5.7154	0.2368
11:50:45	12.3449	5.5636	0.2451
11:50:55	12.5187	5.4678	0.2529
11:51:05	12.5818	5.4434	0.2451
11:51:15	12.6371	5.4053	0.2451
11:51:25	12.6562	5.3934	0.2451
11:51:35	12.6502	5.3911	0.2451
11:51:45	12.6389	5.3988	0.2451
11:51:55	12.6294	5.4113	0.2392
11:52:05	12.6276	5.4196	0.2451
11:52:15	12.6312	5.4125	0.2451
11:52:25	12.6086	5.4297	0.2368
11:52:35	12.5854	5.4434	0.2428

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:52:45	12.5836	5.4446	0.2368
11:52:55	12.6068	5.4339	0.2368
11:53:05	12.6371	5.422	0.2368
11:53:15	12.6407	5.4089	0.2368
11:53:25	12.6597	5.3982	0.2368
11:53:35	12.7419	5.3524	0.2207
11:53:45	12.7341	5.3655	0.2291
11:53:55	12.7324	5.3631	0.2291
11:54:05	12.7859	5.3214	0.2291
11:54:15	12.7764	5.3286	0.2255
11:54:25	12.7782	5.3333	0.213
11:54:35	12.7306	5.3577	0.2267
11:54:45	12.7532	5.3464	0.2291
11:54:55	12.7437	5.353	0.2291
11:55:05	12.6978	5.372	0.2154
11:55:15	12.7496	5.3369	0.213
11:55:25	12.7437	5.3458	0.2267
11:55:35	12.7341	5.3512	0.2207
11:55:45	12.702	5.372	0.2231
11:55:55	12.7514	5.3441	0.2255
11:56:05	12.7478	5.3512	0.2255
11:56:15	12.7133	5.3702	0.2047
11:56:25	12.6847	5.3827	0.2231
11:56:35	12.652	5.4042	0.2368
11:56:45	12.6389	5.4119	0.2368
11:56:55	12.6752	5.3923	0.2404
11:57:05	12.6734	5.3946	0.2368
11:57:15	12.6907	5.3893	0.2368
11:57:25	12.6865	5.3911	0.2368
11:57:35	12.7133	5.3685	0.2291
11:57:45	12.6978	5.3744	0.2291
11:57:55	12.6865	5.3827	0.2291
11:58:05	12.7288	5.3554	0.2368
11:58:15	12.7056	5.3702	0.2338
11:58:25	12.6788	5.3863	0.2291
11:58:35	12.6717	5.3905	0.2267
11:58:45	12.6943	5.3714	0.213
11:58:55	12.7669	5.3256	0.2029
11:59:05	12.7002	5.3714	0.213
11:59:15	12.683	5.3809	0.2267
11:59:25	12.6675	5.3905	0.2368
11:59:35	12.658	5.3952	0.2439
11:59:45	12.6425	5.4018	0.2517
11:59:55	12.6639	5.3869	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:00:05	12.683	5.369	0.2368
12:00:15	12.6717	5.3815	0.2368
12:00:25	12.6961	5.3595	0.2368
12:00:35	12.721	5.3488	0.2368
12:00:45	12.683	5.3714	0.2291
12:00:55	12.652	5.3952	0.2267
12:01:05	12.7133	5.3577	0.2368
12:01:15	12.6425	5.4042	0.2291
12:01:25	12.5705	5.4446	0.2291
12:01:35	12.5568	5.447	0.2291
12:01:45	12.5949	5.4244	0.2255
12:01:55	12.6407	5.3964	0.2207
12:02:05	12.6657	5.3786	0.2291
12:02:15	12.6847	5.3625	0.2368
12:02:25	12.7193	5.3423	0.2291
12:02:35	12.6693	5.3685	0.2291
12:02:45	12.7056	5.3363	0.2291
12:02:55	12.6961	5.3476	0.2291
12:03:05	12.702	5.3423	0.2291
12:03:15	12.7609	5.3107	0.2207
12:03:25	12.7972	5.2958	0.2315
12:03:35	12.8829	5.2411	0.2368
12:03:45	12.8621	5.2649	0.2291
12:03:55	12.7056	5.3607	0.2315
12:04:05	12.6449	5.3946	0.2428
12:04:15	12.5627	5.4464	0.2338
12:04:25	12.5514	5.4476	0.2207
12:04:35	12.5419	5.4422	0.2207
12:04:45	12.5151	5.4494	0.2291
12:04:55	12.4842	5.4577	0.2207
12:05:05	12.4253	5.4982	0.2142
12:05:15	12.3836	5.5059	0.2207
12:05:25	12.4027	5.5137	0.2207
12:05:35	12.3604	5.5422	0.213
12:05:45	12.2878	5.6047	0.2368
12:05:55	12.3205	5.5714	0.2303
12:06:05	12.3545	5.5607	0.2207
12:06:15	12.4193	5.5166	0.2291
12:06:25	12.4598	5.4893	0.2315
12:06:35	12.5395	5.4369	0.213
12:06:45	12.5264	5.4416	0.2267
12:06:55	12.4866	5.4678	0.2291
12:07:05	12.3473	5.5613	0.2291
12:07:15	12.2152	5.6714	0.2344

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:07:25	12.139	5.7196	0.2231
12:07:35	12.1581	5.7029	0.213
12:07:45	12.164	5.6958	0.2207
12:07:55	12.1468	5.7202	0.2207
12:08:05	12.1122	5.7463	0.2106
12:08:15	12.0057	5.8362	0.2207
12:08:25	11.9295	5.882	0.2291
12:08:35	11.8492	5.9392	0.2231
12:08:45	11.8456	5.9338	0.2207
12:08:55	11.8605	5.9225	0.2291
12:09:05	11.9218	5.8773	0.2368
12:09:15	11.9825	5.8285	0.2291
12:09:25	11.9676	5.8451	0.2368
12:09:35	11.9391	5.8636	0.2368
12:09:45	11.9676	5.8422	0.2368
12:09:55	11.9849	5.8314	0.2392
12:10:05	12.0117	5.8059	0.2678
12:10:15	12.189	5.6606	0.2493
12:10:25	12.389	5.5262	0.2451
12:10:35	12.3068	5.622	0.2368
12:10:45	12.2039	5.7041	0.2428
12:10:55	12.1718	5.7154	0.2529
12:11:05	12.1563	5.7249	0.2451
12:11:15	12.0724	5.7821	0.2451
12:11:25	12.0438	5.8059	0.2368
12:11:35	12.0569	5.7797	0.2368
12:11:45	12.1944	5.6856	0.2368
12:11:55	12.1908	5.6964	0.2368
12:12:05	17.0755	2.9904	1.7365
12:12:15	1.3889	0.2803	0.2303
12:12:25	0.2826	0.1934	0.0285
12:12:35	0.1892	0.1428	-0.0054
12:12:45	0.1452	0.1166	-0.0191
12:12:55	0.1106	0.0999	-0.0262
12:13:05	0.0857	0.0892	-0.0286
12:13:15	0.0708	0.0797	-0.0411
12:13:25	0.0648	0.0732	-0.0423
<b>Zero Bias</b>	<b>0.073767</b>	<b>0.0807</b>	<b>-0.03733</b>
12:13:35	0.0553	0.069	-0.0423
12:13:45	3.8896	1.1283	0.3939
12:13:55	5.9017	0.9027	5.4178
12:14:05	20.0112	0.1327	14.2362
12:14:15	20.3314	0.091	14.7819

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:14:25	20.4191	0.0749	14.8587
12:14:35	20.4573	0.069	14.8992
12:14:45	20.4996	0.0607	14.9265
12:14:55	20.5182	0.0565	14.9355
12:15:05	20.5298	0.0553	14.9426
12:15:15	20.5585	0.0529	14.9515
<b>THC Mid Bias</b>	<b>20.5355</b>	<b>0.0549</b>	<b>14.9432</b>
12:15:25	20.5721	0.0505	14.9587
12:15:35	19.2136	0.8968	7.9667
12:15:45	13.1882	5.0715	0.7599
12:15:55	12.9424	5.1959	0.4909
12:16:05	12.8966	5.2476	0.4201
12:16:15	12.7936	5.3268	0.3695
12:16:25	12.677	5.4	0.338
12:16:35	12.7074	5.3875	0.3088
12:16:45	12.8395	5.3083	0.285
12:16:55	12.9763	5.2167	0.2749
12:17:05	13.0585	5.1691	0.2666
12:17:15	13.0912	5.1381	0.26
12:17:25	13.1995	5.0739	0.2654
12:17:35	13.2358	5.0554	0.2564
12:17:45	13.2685	5.031	0.2368
12:17:55	13.2495	5.0429	0.2291
12:18:05	13.2572	5.0334	0.2291
12:18:15	13.3084	5.0031	0.2291
12:18:25	13.3102	5.0036	0.2428
12:18:35	13.2227	5.0655	0.2231
12:18:45	13.2186	5.062	0.2344
12:18:55	13.3126	4.9923	0.2291
12:19:05	13.3923	4.9251	0.2291
12:19:15	13.2703	5.009	0.2291
12:19:25	13.0585	5.153	0.2291
12:19:35	12.8811	5.272	0.2207
12:19:45	12.7913	5.325	0.2207
12:19:55	12.6693	5.3893	0.2291
12:20:05	12.5973	5.422	0.213
12:20:15	12.58	5.4315	0.213
12:20:25	12.561	5.4434	0.213
12:20:35	12.5514	5.4524	0.2154
12:20:45	12.5395	5.4577	0.213
12:20:55	12.5151	5.4714	0.2207
12:21:05	12.5134	5.4738	0.213
12:21:15	12.5514	5.4541	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:21:25	12.5913	5.444	0.2047
12:21:35	12.5324	5.4934	0.213
12:21:45	12.5776	5.4595	0.213
12:21:55	12.6371	5.4226	0.2207
12:22:05	12.8657	5.2893	0.2207
12:22:15	13.068	5.1828	0.2166
12:22:25	13.1674	5.1328	0.2207
12:22:35	13.1864	5.1274	0.2207
12:22:45	13.2912	5.0584	0.213
12:22:55	13.3697	5.0114	0.2047
12:23:05	13.3084	5.0513	0.2005
12:23:15	13.2227	5.0971	0.1898
12:23:25	13.0989	5.1649	0.2118
12:23:35	13.0204	5.2042	0.213
12:23:45	12.9787	5.2215	0.2142
12:23:55	12.9537	5.2322	0.213
12:24:05	12.8657	5.2828	0.2207
12:24:15	12.8544	5.2881	0.2154
12:24:25	12.8335	5.2958	0.2059
12:24:35	12.8163	5.3042	0.2059
12:24:45	12.7532	5.3417	0.219
12:24:55	12.78	5.328	0.2207
12:25:05	12.677	5.3946	0.2207
12:25:15	12.6389	5.4178	0.2178
12:25:25	12.5895	5.447	0.2243
12:25:35	12.4711	5.5148	0.2207
12:25:45	12.414	5.5381	0.2291
12:25:55	12.3985	5.5452	0.2291
12:26:05	12.4158	5.5303	0.2368
12:26:15	12.4217	5.5273	0.2291
12:26:25	12.4485	5.5065	0.2368
12:26:35	12.3872	5.5541	0.2291
12:26:45	12.4044	5.5297	0.2047
12:26:55	12.3664	5.5678	0.2207
12:27:05	12.3259	5.5952	0.213
12:27:15	12.3092	5.6083	0.2315
12:27:25	12.242	5.6493	0.2291
12:27:35	12.1372	5.7237	0.2207
12:27:45	12.0878	5.7588	0.2207
12:27:55	12.0039	5.8338	0.213
12:28:05	11.9409	5.8802	0.2207
12:28:15	11.8665	5.9427	0.213
12:28:25	11.8052	5.9767	0.213
12:28:35	11.8052	5.9826	0.213



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:28:45	11.9081	5.8981	0.2047
12:28:55	12.0837	5.7713	0.2047
12:29:05	12.2152	5.672	0.2071
12:29:15	12.2938	5.6166	0.213
12:29:25	12.3146	5.5946	0.213
12:29:35	12.3164	5.5934	0.2047
12:29:45	12.2116	5.6934	0.2106
12:29:55	12.242	5.6642	0.2047
12:30:05	12.2384	5.6696	0.213
12:30:15	12.1009	5.7636	0.213
12:30:25	11.9944	5.8362	0.213
12:30:35	11.9391	5.8683	0.2142
12:30:45	11.8891	5.913	0.219
12:30:55	11.901	5.9005	0.2207
12:31:05	11.8873	5.9094	0.219
12:31:15	11.8605	5.9314	0.213
12:31:25	11.7921	5.9909	0.213
12:31:35	11.7272	6.0314	0.219
12:31:45	11.7593	6.0183	0.213
12:31:55	11.8206	5.9743	0.213
12:32:05	11.8855	5.9314	0.2142
12:32:15	11.901	5.9219	0.2142
12:32:25	11.8837	5.929	0.2196
12:32:35	11.832	5.963	0.2219
12:32:45	11.8284	5.9796	0.2207
12:32:55	11.8129	5.988	0.2047
12:33:05	11.9254	5.8981	0.2106
12:33:15	12.0974	5.7767	0.2071
12:33:25	12.1468	5.7475	0.2059
12:33:35	12.0819	5.8029	0.2059
12:33:45	12.0593	5.8184	0.2047
12:33:55	12.1468	5.7547	0.219
12:34:05	12.2348	5.6773	0.213
12:34:15	12.2461	5.694	0.213
12:34:25	12.1985	5.7338	0.213
12:34:35	12.1795	5.763	0.213
12:34:45	12.1962	5.741	0.213
12:34:55	12.1432	5.7934	0.213
<b>Start Run 2B</b>			
12:35:05	12.164	5.7832	0.2207
12:35:15	12.1605	5.794	0.2207
12:35:25	12.1432	5.7981	0.219
12:35:35	12.2081	5.7636	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:35:45	12.2747	5.7047	0.1993
12:35:55	12.3812	5.6291	0.2047
12:36:05	12.511	5.5381	0.2047
12:36:15	12.5877	5.4976	0.213
12:36:25	12.5455	5.5244	0.2059
12:36:35	12.5324	5.5285	0.213
12:36:45	12.5282	5.5262	0.213
12:36:55	12.555	5.5166	0.213
12:37:05	12.6675	5.4571	0.213
12:37:15	12.7478	5.4137	0.213
12:37:25	12.805	5.3893	0.2071
12:37:35	12.7859	5.4059	0.1969
12:37:45	12.7782	5.4143	0.2059
12:37:55	12.8258	5.3839	0.2142
12:38:05	12.8526	5.3732	0.2142
12:38:15	12.9234	5.3286	0.2029
12:38:25	12.927	5.3327	0.1981
12:38:35	13.0126	5.2792	0.2059
12:38:45	13.1293	5.2113	0.1981
12:38:55	13.2132	5.1649	0.2041
12:39:05	13.3656	5.0626	0.1981
12:39:15	13.4459	5.0185	0.1993
12:39:25	13.4762	4.9959	0.2219
12:39:35	13.4614	5.0054	0.2207
12:39:45	13.3941	5.0459	0.2291
12:39:55	13.3334	5.0786	0.2071
12:40:05	13.2549	5.1245	0.2196
12:40:15	13.1501	5.1828	0.2207
12:40:25	13.0948	5.2137	0.2219
12:40:35	13.1251	5.1971	0.2207
12:40:45	13.0757	5.2203	0.2207
12:40:55	12.9936	5.2738	0.2154
12:41:05	12.9805	5.2744	0.213
12:41:15	12.965	5.2786	0.2142
12:41:25	13.0186	5.234	0.213
12:41:35	13.0031	5.2363	0.213
12:41:45	13.0507	5.2012	0.213
12:41:55	13.0507	5.1846	0.2207
12:42:05	13.0031	5.2191	0.213
12:42:15	12.8413	5.3089	0.2059
12:42:25	12.6562	5.4125	0.2142
12:42:35	12.6104	5.419	0.2059
12:42:45	12.6484	5.3934	0.1946
12:42:55	12.477	5.5089	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:43:05	12.3908	5.5714	0.2047
12:43:15	12.2729	5.6589	0.2005
12:43:25	12.2229	5.7005	0.2059
12:43:35	12.1105	5.7761	0.2059
12:43:45	11.9998	5.8558	0.2047
12:43:55	11.876	5.957	0.2059
12:44:05	11.798	6.01	0.2047
12:44:15	11.7617	6.0451	0.2059
12:44:25	11.7939	6.0225	0.1981
12:44:35	11.7236	6.0665	0.2059
12:44:45	11.6623	6.0987	0.213
12:44:55	11.5897	6.1492	0.2059
12:45:05	11.4106	6.2808	0.2059
12:45:15	11.3457	6.3194	0.2041
12:45:25	11.3207	6.3397	0.191
12:45:35	11.2963	6.3581	0.1844
12:45:45	11.2922	6.3551	0.1892
12:45:55	11.3112	6.3438	0.1981
12:46:05	11.3059	6.3444	0.191
12:46:15	11.3094	6.3557	0.2059
12:46:25	11.2868	6.3789	0.2142
12:46:35	11.3267	6.3421	0.2059
12:46:45	11.3612	6.3182	0.2005
12:46:55	11.4106	6.2831	0.2142
12:47:05	11.4183	6.2754	0.2059
12:47:15	11.4963	6.2129	0.2059
12:47:25	11.4963	6.2224	0.2059
12:47:35	11.6147	6.1284	0.2059
12:47:45	11.491	6.2373	0.2047
12:47:55	11.4868	6.1986	0.191
12:48:05	11.8242	5.9463	0.1981
12:48:15	12.1753	5.6922	0.1981
12:48:25	12.3717	5.5666	0.1934
12:48:35	12.4806	5.491	0.2017
12:48:45	12.5758	5.4393	0.2059
12:48:55	12.6312	5.4107	0.1981
12:49:05	12.6353	5.4036	0.1981
12:49:15	12.6717	5.3815	0.2059
12:49:25	12.6121	5.4119	0.2142
12:49:35	12.536	5.4524	0.2059
12:49:45	12.4503	5.5	0.2059
12:49:55	12.3646	5.5559	0.2059
12:50:05	12.3051	5.6041	0.2059
12:50:15	12.2973	5.6113	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:50:25	12.3051	5.6035	0.1981
12:50:35	12.3015	5.6113	0.2059
12:50:45	12.2057	5.691	0.213
12:50:55	12.1676	5.7154	0.2142
12:51:05	12.1605	5.7231	0.2142
12:51:15	12.1241	5.7571	0.2166
12:51:25	12.0569	5.81	0.2059
12:51:35	12.0057	5.8422	0.191
12:51:45	11.9825	5.8612	0.1957
12:51:55	12.0533	5.8195	0.2059
12:52:05	12.0956	5.8017	0.2059
12:52:15	12.1509	5.769	0.1981
12:52:25	12.1658	5.766	0.2219
12:52:35	12.1509	5.7815	0.2106
12:52:45	12.2134	5.7315	0.2082
12:52:55	12.2289	5.7309	0.2082
12:53:05	12.2152	5.7452	0.2059
12:53:15	12.1962	5.7636	0.2047
12:53:25	12.2497	5.7184	0.2071
12:53:35	12.477	5.5381	0.2142
12:53:45	12.5776	5.4815	0.213
12:53:55	12.6407	5.4387	0.2082
12:54:05	12.6597	5.4262	0.2047
12:54:15	12.6639	5.4161	0.1898
12:54:25	12.6407	5.4339	0.1821
12:54:35	12.5877	5.4702	0.1898
12:54:45	12.6717	5.4226	0.1898
12:54:55	12.8014	5.3393	0.1821
12:55:05	12.9156	5.272	0.1969
12:55:15	13.0109	5.2125	0.1946
12:55:25	13.0722	5.1679	0.1969
12:55:35	13.3007	5.0066	0.1969
12:55:45	13.2989	5.0203	0.1969
12:55:55	13.4268	4.9174	0.1981
12:56:05	13.3941	4.9566	0.1981
12:56:15	13.3656	4.9626	0.2047
12:56:25	13.3144	4.9888	0.2047
12:56:35	13.3126	4.9941	0.2047
12:56:45	13.19	5.0691	0.213
12:56:55	13.1102	5.1066	0.213
12:57:05	12.9805	5.2036	0.213
12:57:15	12.824	5.3089	0.2047
12:57:25	12.7228	5.3655	0.2047
12:57:35	12.6562	5.4119	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:57:45	12.4253	5.5666	0.1981
12:57:55	12.3473	5.6178	0.1898
12:58:05	12.292	5.6446	0.2047
12:58:15	12.2592	5.6743	0.213
12:58:25	12.286	5.6529	0.2047
12:58:35	12.2557	5.6839	0.2047
12:58:45	12.2384	5.7071	0.2196
12:58:55	12.2057	5.7333	0.2267
12:59:05	12.0611	5.8422	0.219
12:59:15	12.0307	5.8535	0.213
12:59:25	12.1164	5.7922	0.2207
12:59:35	12.1337	5.794	0.213
12:59:45	12.0783	5.8582	0.219
12:59:55	11.8915	6.0005	0.2154
13:00:05	11.8171	6.0368	0.2041
13:00:15	11.773	6.0546	0.213
13:00:25	11.798	6.0284	0.1993
13:00:35	11.7939	6.0344	0.1898
13:00:45	11.8129	6.0147	0.1981
13:00:55	11.8647	5.9665	0.2047
13:01:05	11.8337	5.9802	0.2047
13:01:15	11.7558	6.0284	0.2047
13:01:25	11.7236	6.0546	0.2047
13:01:35	11.7635	6.0225	0.2047
13:01:45	11.8397	5.9707	0.2047
13:01:55	11.9236	5.9064	0.213
13:02:05	12.0248	5.8285	0.1981
13:02:15	12.0724	5.8005	0.2047
13:02:25	12.1485	5.7386	0.2047
13:02:35	12.1831	5.7327	0.213
13:02:45	12.1718	5.7398	0.2059
13:02:55	12.2116	5.6964	0.213
13:03:05	12.2348	5.6981	0.2059
13:03:15	12.2325	5.7005	0.2059
13:03:25	12.3188	5.641	0.2047
13:03:35	12.4598	5.5315	0.1981
13:03:45	12.5437	5.4899	0.1981
13:03:55	12.6371	5.4309	0.2005
13:04:05	12.7133	5.3863	0.2059
13:04:15	12.7151	5.3851	0.213
13:04:25	12.6597	5.4297	0.2059
13:04:35	12.6294	5.4381	0.2059
13:04:45	12.6008	5.4595	0.2059
13:04:55	12.4806	5.5232	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:05:05	12.4253	5.5601	0.2118
13:05:15	12.3777	5.6011	0.2059
13:05:25	12.3491	5.6202	0.2082
13:05:35	12.3527	5.6148	0.2047
13:05:45	12.4044	5.5714	0.2059
13:05:55	12.458	5.5279	0.2059
13:06:05	12.5836	5.4553	0.2059
13:06:15	12.5056	5.5041	0.2059
13:06:25	12.3545	5.5994	0.2059
13:06:35	12.261	5.669	0.2059
13:06:45	12.2497	5.6749	0.2059
13:06:55	12.311	5.6309	0.2047
13:07:05	12.3259	5.6243	0.2059
13:07:15	12.3283	5.6303	0.2059
13:07:25	12.3378	5.6285	0.2047
13:07:35	12.408	5.5738	0.1969
13:07:45	12.4806	5.5262	0.2059
13:07:55	12.4866	5.5262	0.2082
13:08:05	12.555	5.4791	0.2047
13:08:15	12.5229	5.5083	0.1898
13:08:25	12.3985	5.6005	0.2047
13:08:35	12.3949	5.5994	0.2047
13:08:45	12.5437	5.4934	0.213
13:08:55	12.5913	5.4744	0.213
13:09:05	12.6044	5.4684	0.2106
13:09:15	12.6371	5.4464	0.2059
13:09:25	12.6104	5.472	0.2196
13:09:35	12.6639	5.4333	0.2243
13:09:45	12.5134	5.5464	0.2392
13:09:55	12.5092	5.55	0.2368
13:10:05	12.599	5.4839	0.2291
13:10:15	12.818	5.3476	0.2207
13:10:25	12.9728	5.2584	0.2071
13:10:35	13.0013	5.2322	0.2059
13:10:45	13.2495	5.0649	0.2047
13:10:55	13.4346	4.9566	0.213
13:11:05	13.5506	4.8644	0.2142
13:11:15	13.6101	4.8215	0.2047
13:11:25	13.6024	4.8192	0.2047
13:11:35	13.5738	4.8239	0.2047
13:11:45	13.5256	4.8525	0.2047
13:11:55	13.4572	4.8971	0.2047
13:12:05	13.3483	4.9763	0.2047
13:12:15	13.3602	4.9554	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:12:25	13.4173	4.9174	0.1969
13:12:35	13.2245	5.0465	0.2059
13:12:45	13.049	5.1489	0.2047
13:12:55	13.0168	5.1619	0.213
13:13:05	12.9823	5.1786	0.2106
13:13:15	12.8603	5.2476	0.213
13:13:25	12.7746	5.2953	0.2059
13:13:35	12.7383	5.3161	0.2047
13:13:45	12.7437	5.3072	0.1969
13:13:55	12.6675	5.3571	0.1898
13:14:05	12.5074	5.4607	0.1969
13:14:15	12.4217	5.5101	0.1969
13:14:25	12.3473	5.5648	0.2047
13:14:35	12.3068	5.5869	0.1969
13:14:45	12.267	5.6303	0.1981
13:14:55	12.2325	5.6624	0.2059
13:15:05	12.2444	5.647	0.1946
13:15:15	12.2229	5.6678	0.1773
13:15:25	12.2592	5.6333	0.1981
13:15:35	12.2176	5.6505	0.1898
13:15:45	12.1676	5.6791	0.1898
13:15:55	12.1771	5.6743	0.1898
13:16:05	12.139	5.6993	0.1898
13:16:15	12.0569	5.7517	0.1922
13:16:25	12.0325	5.7535	0.1946
13:16:35	12.0611	5.7315	0.1898
13:16:45	11.998	5.7767	0.1821
13:16:55	11.9789	5.7898	0.1821
13:17:05	12.0135	5.7606	0.1821
13:17:15	12.1122	5.6803	0.2005
13:17:25	11.992	5.7826	0.1981
13:17:35	11.8724	5.8791	0.2059
13:17:45	11.8266	5.9035	0.2059
13:17:55	11.8647	5.8719	0.2059
13:18:05	11.8569	5.8802	0.2059
13:18:15	11.8873	5.8558	0.2106
13:18:25	11.8796	5.866	0.2029
13:18:35	11.8605	5.8767	0.2047
13:18:45	11.8224	5.9017	0.1969
13:18:55	11.8052	5.9148	0.2047
13:19:05	11.8076	5.9058	0.1969
13:19:15	11.8224	5.8981	0.2041
13:19:25	11.832	5.8874	0.2047
13:19:35	11.8855	5.8392	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:19:45	11.895	5.8362	0.2047
13:19:55	11.8837	5.8398	0.2047
13:20:05	11.8855	5.8493	0.2154
13:20:15	11.9105	5.8332	0.2142
13:20:25	11.9349	5.8088	0.2047
13:20:35	11.9236	5.8184	0.213
13:20:45	11.9581	5.788	0.2071
13:20:55	11.9998	5.7463	0.2047
13:21:05	12.0438	5.7315	0.213
13:21:15	12.023	5.7535	0.2142
13:21:25	12.0646	5.7202	0.2118
13:21:35	12.0819	5.7083	0.2047
13:21:45	12.0611	5.7398	0.2047
13:21:55	12.0283	5.7713	0.2047
13:22:05	12.0039	5.7904	0.2047
13:22:15	11.9902	5.8065	0.2047
13:22:25	11.9694	5.8279	0.2059
13:22:35	12.0039	5.81	0.2082
13:22:45	12.0956	5.7523	0.1993
13:22:55	12.0956	5.7499	0.2041
13:23:05	12.017	5.8166	0.1969
13:23:15	11.9331	5.891	0.2059
13:23:25	11.9105	5.9165	0.2029
13:23:35	12.0188	5.8422	0.213
13:23:45	12.0438	5.8201	0.2106
13:23:55	12.0706	5.8017	0.2142
13:24:05	12.1087	5.7642	0.2207
13:24:15	12.1313	5.7582	0.2207
13:24:25	12.1372	5.763	0.213
13:24:35	12.0646	5.8309	0.213
13:24:45	12.023	5.8553	0.2207
13:24:55	12.0438	5.8422	0.2207
13:25:05	12.0819	5.8249	0.2219
13:25:15	12.0688	5.8303	0.2207
13:25:25	12.0361	5.8666	0.2291
13:25:35	12.023	5.8874	0.2291
13:25:45	12.2057	5.7273	0.2207
13:25:55	12.1908	5.7529	0.2118
13:26:05	12.1277	5.7957	0.2142
13:26:15	12.0456	5.8612	0.2047
13:26:25	12.0075	5.8927	0.2047
13:26:35	12.0593	5.8451	0.2059
13:26:45	12.0379	5.8683	0.2059
13:26:55	11.9295	5.9552	0.2071



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:27:05	11.9676	5.9219	0.213
13:27:15	12.0022	5.9249	0.2059
13:27:25	11.8284	6.0748	0.2118
13:27:35	11.6623	6.1939	0.213
13:27:45	11.5915	6.2308	0.213
13:27:55	11.6493	6.1826	0.213
13:28:05	11.6737	6.1665	0.2207
13:28:15	11.6606	6.1748	0.2219
13:28:25	11.6641	6.1695	0.213
13:28:35	11.7117	6.1278	0.213
13:28:45	11.7159	6.1022	0.2142
13:28:55	11.7177	6.1022	0.2142
13:29:05	11.6986	6.1225	0.213
13:29:15	11.6814	6.1415	0.2059
13:29:25	11.6719	6.1576	0.2059
13:29:35	11.6451	6.1849	0.2059
13:29:45	11.6546	6.179	0.2059
13:29:55	11.6737	6.1629	0.188
13:30:05	11.6683	6.1701	0.1957
13:30:15	11.6986	6.1474	0.1898
13:30:25	11.71	6.1361	0.1969
13:30:35	11.7195	6.1302	0.1969
13:30:45	11.773	6.0933	0.2059
13:30:55	11.8569	6.0314	0.1993
13:31:05	11.9409	5.9743	0.1981
13:31:15	11.9081	6.007	0.1993
13:31:25	11.9694	5.9588	0.1898
13:31:35	12.0325	5.9094	0.1969
13:31:45	12.145	5.8285	0.1957
13:31:55	12.2402	5.7523	0.1981
13:32:05	12.2955	5.7035	0.1969
13:32:15	12.3223	5.6934	0.2059
13:32:25	12.3449	5.6874	0.2047
13:32:35	12.3568	5.6821	0.2059
13:32:45	12.4122	5.647	0.1981
13:32:55	12.4693	5.6011	0.1981
13:33:05	12.5532	5.5363	0.2059
13:33:15	12.6104	5.4922	0.1969
13:33:25	12.6484	5.4702	0.2041
13:33:35	12.7056	5.4369	0.2059
13:33:45	12.7365	5.4196	0.2082
13:33:55	12.799	5.3798	0.213
13:34:05	12.7651	5.4018	0.2047
13:34:15	12.7324	5.4167	0.2243

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:34:25	12.7115	5.422	0.2315
13:34:35	12.721	5.4149	0.2207
13:34:45	12.7151	5.4262	0.2291
13:34:55	12.6467	5.4714	0.2291
13:35:05	12.5532	5.5387	0.2338
13:35:15	12.5395	5.5494	0.2315
13:35:25	12.5282	5.5654	0.2368
13:35:35	12.5378	5.5738	0.2291
13:35:45	12.5491	5.5452	0.2231
13:35:55	12.5247	5.5773	0.2344
13:36:05	12.4521	5.6291	0.2207
13:36:15	12.3681	5.7035	0.2219

**Start Bias Calibration**

13:36:25	12.2705	5.7696	0.2207
13:36:35	12.3015	5.7832	2.8339
13:36:45	5.6083	0.3778	2.9678
13:36:55	0.338	0.2071	0.0404
13:37:05	0.2118	0.1547	-0.0185
13:37:15	0.1547	0.122	-0.0298
13:37:25	0.1124	0.1017	-0.0423
13:37:35	0.0993	0.0952	-0.034
13:37:45	0.0761	0.0797	-0.0375
13:37:55	0.069	0.0732	-0.034
13:38:05	0.0595	0.069	-0.034

**Zero Bias****0.0682 0.073967 -0.03517**

13:38:15	0.0553	0.0648	0.047
13:38:25	7.706	4.0782	2.4929
13:38:35	19.4653	0.1547	13.6226
13:38:45	20.2383	0.094	14.7248
13:38:55	20.3355	0.0726	14.8075
13:39:05	20.3984	0.0636	14.8462
13:39:15	20.4326	0.0589	14.8587
13:39:25	20.4634	0.0559	14.8712
13:39:35	20.4785	0.0529	14.8872
13:39:45	20.4805	0.0505	14.9033
13:39:55	20.5072	0.0476	14.8968

**THC Bias****20.48873 0.050333 14.89577**

13:40:05	20.5167	0.0458	14.5695
13:40:15	15.0253	4.1967	3.5676
13:40:25	12.7115	5.353	0.5951
13:40:35	12.5663	5.4595	0.4784

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
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**Resume Run 2B**

13:40:45	12.5205	5.4857	0.4201
13:40:55	12.4616	5.5262	0.3826
13:41:05	12.3985	5.5904	0.332
13:41:15	12.3318	5.6487	0.307
13:41:25	12.3259	5.6654	0.2987
13:41:35	12.1432	5.8231	0.2886
13:41:45	11.9885	5.9481	0.2826
13:41:55	11.9581	5.9606	0.2678
13:42:05	11.8647	6.0278	0.26
13:42:15	11.9581	5.9475	0.2517
13:42:25	12.1926	5.7612	0.2529
13:42:35	12.4443	5.5767	0.2517
13:42:45	12.5342	5.5089	0.2439
13:42:55	12.6217	5.4422	0.2368
13:43:05	12.6734	5.4095	0.2356
13:43:15	12.6812	5.4071	0.2356
13:43:25	12.6104	5.4631	0.2291
13:43:35	12.6139	5.4518	0.2291
13:43:45	12.6104	5.4571	0.2207
13:43:55	12.4729	5.55	0.2106
13:44:05	12.3949	5.6166	0.213
13:44:15	12.3396	5.6714	0.2047
13:44:25	12.3259	5.6987	0.2231
13:44:35	12.3146	5.7231	0.2207
13:44:45	12.2801	5.7487	0.2255
13:44:55	12.2539	5.7642	0.219
13:45:05	12.1605	5.8273	0.2207
13:45:15	12.1087	5.866	0.2207
13:45:25	12.0402	5.9112	0.2207
13:45:35	11.9807	5.9493	0.219
13:45:45	11.9599	5.957	0.2207
13:45:55	11.9426	5.9659	0.2291
13:46:05	11.8683	6.0171	0.2207
13:46:15	11.7939	6.0671	0.2291
13:46:25	11.7593	6.0856	0.2106
13:46:35	11.8111	6.0499	0.2082
13:46:45	11.8587	6.0141	0.213
13:46:55	11.9105	5.9778	0.213
13:47:05	11.9159	5.9903	0.213
13:47:15	11.8397	6.079	0.213
13:47:25	11.8171	6.1171	0.219
13:47:35	11.8034	6.1391	0.2154

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:47:45	11.7998	6.1314	0.2207
13:47:55	11.8093	6.1088	0.2207
13:48:05	11.8302	6.0951	0.2047
13:48:15	11.7808	6.1373	0.213
13:48:25	11.773	6.1367	0.2154
13:48:35	11.7427	6.1552	0.2154
13:48:45	11.6796	6.1957	0.2005
13:48:55	11.7861	6.1076	0.2047
13:49:05	11.8796	6.0415	0.2071
13:49:15	12.0932	5.8743	0.2267
13:49:25	12.3068	5.7029	0.2368
13:49:35	12.4788	5.5625	0.2451
13:49:45	12.5229	5.5434	0.2451
13:49:55	12.4901	5.572	0.2529
13:50:05	12.2842	5.7452	0.2529
13:50:15	12.3259	5.7005	0.2451
13:50:25	12.2955	5.7333	0.2451
13:50:35	12.1563	5.8558	0.2439
13:50:45	12.0057	5.9802	0.2368
13:50:55	11.9409	6.029	0.238
13:51:05	11.8683	6.0826	0.2368
13:51:15	11.7903	6.1332	0.2451
13:51:25	11.7332	6.1695	0.2451
13:51:35	11.7367	6.1605	0.2451
13:51:45	11.6832	6.2016	0.2451
13:51:55	11.5844	6.2736	0.2368
13:52:05	11.5231	6.329	0.2368
13:52:15	11.4886	6.3557	0.2255
13:52:25	11.466	6.3789	0.2166
13:52:35	11.4029	6.4289	0.2291
13:52:45	11.382	6.4373	0.2315
13:52:55	11.3571	6.448	0.2207
13:53:05	11.4029	6.4117	0.2267
13:53:15	11.491	6.3504	0.2207
13:53:25	11.5576	6.3016	0.213
13:53:35	11.6356	6.2373	0.2267
13:53:45	11.6945	6.1826	0.2231
13:53:55	11.7617	6.1302	0.2267
13:54:05	11.8415	6.0659	0.2291
13:54:15	11.8189	6.0951	0.2368
13:54:25	11.8379	6.0778	0.2368
13:54:35	11.8569	6.0582	0.2475
13:54:45	11.9218	6.013	0.2451
13:54:55	11.9105	6.0225	0.2517

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:55:05	12.0361	5.9124	0.2517
13:55:15	11.9295	6.0088	0.2439
13:55:25	11.9581	5.9612	0.2416
13:55:35	11.9331	5.9933	0.2451
13:55:45	12.1408	5.8291	0.2368
13:55:55	12.2081	5.788	0.2338
13:56:05	12.242	5.766	0.2368
13:56:15	12.2938	5.7172	0.2368
13:56:25	12.1771	5.8225	0.2368
13:56:35	12.1241	5.8779	0.2451
13:56:45	12.0379	5.9427	0.2451
13:56:55	12.0533	5.9255	0.2451
13:57:05	12.0932	5.8981	0.2439
13:57:15	12.0706	5.9023	0.2368
13:57:25	12.0783	5.8886	0.2368
13:57:35	12.0075	5.9499	0.2291
13:57:45	11.9581	5.9707	0.2368
13:57:55	12.0212	5.9124	0.2392
13:58:05	12.0456	5.8904	0.2368
13:58:15	11.9754	5.9475	0.2416
13:58:25	11.851	6.0463	0.2392
13:58:35	11.8093	6.0802	0.2428
13:58:45	11.7712	6.1094	0.2451
13:58:55	11.71	6.1534	0.2368
13:59:05	11.7195	6.1421	0.2368
13:59:15	11.7082	6.148	0.2368
13:59:25	11.7332	6.1225	0.2368
13:59:35	11.7576	6.0981	0.2368
13:59:45	11.8093	6.0558	0.2207
13:59:55	11.8456	6.032	0.2267
14:00:05	11.8932	6.007	0.2291
14:00:15	11.9807	5.9558	0.2219
14:00:25	12.0135	5.9368	0.2344
14:00:35	12.023	5.9439	0.2207
14:00:45	12.0248	5.9451	0.2207
14:00:55	12.1164	5.8695	0.2207
14:01:05	12.1908	5.8285	0.2207
14:01:15	12.2081	5.8154	0.2207
14:01:25	12.1908	5.8261	0.2219
14:01:35	12.2081	5.8065	0.2207
14:01:45	12.1771	5.8386	0.2219
14:01:55	12.1432	5.8499	0.2219
14:02:05	12.2003	5.7975	0.2207
14:02:15	12.1962	5.807	0.219

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:02:25	12.1622	5.8326	0.2219
14:02:35	12.1509	5.841	0.213
14:02:45	12.2271	5.7803	0.213
14:02:55	12.2098	5.7951	0.2166
14:03:05	12.2271	5.7803	0.2207
14:03:15	12.3241	5.7071	0.2344
14:03:25	12.5491	5.55	0.2368
14:03:35	12.6812	5.4708	0.2451
14:03:45	12.6734	5.4827	0.2368
14:03:55	12.6181	5.5101	0.2451
14:04:05	12.5973	5.5172	0.2368
14:04:15	12.5931	5.5256	0.2368
14:04:25	12.5949	5.5262	0.2368
14:04:35	12.5913	5.5339	0.2368
14:04:45	12.6026	5.5166	0.2368
14:04:55	12.5818	5.5279	0.219
14:05:05	12.5895	5.5381	0.213
14:05:15	12.6312	5.5053	0.2047
14:05:25	12.6312	5.5143	0.213
14:05:35	12.5681	5.5577	0.2207
14:05:45	12.6139	5.525	0.2207
14:05:55	12.6502	5.5053	0.2207
14:06:05	12.5877	5.5488	0.2207
14:06:15	12.5437	5.5857	0.2291
14:06:25	12.5187	5.6041	0.2207
14:06:35	12.536	5.5994	0.2291
14:06:45	12.4997	5.6261	0.213
14:06:55	12.4348	5.6767	0.1969
14:07:05	12.4158	5.6904	0.2118
14:07:15	12.4366	5.6815	0.2267
14:07:25	12.4443	5.6815	0.2207
14:07:35	12.4158	5.7071	0.2207
14:07:45	12.4348	5.6922	0.2207
14:07:55	12.4366	5.6904	0.2166
14:08:05	12.4062	5.7094	0.213
14:08:15	12.3545	5.7529	0.213
14:08:25	12.3854	5.7315	0.213
14:08:35	12.4788	5.6666	0.2082
14:08:45	12.5514	5.6059	0.213
14:08:55	12.6068	5.5607	0.2029
14:09:05	12.6312	5.5452	0.2071
14:09:15	12.6276	5.5571	0.2207
14:09:25	12.6597	5.541	0.213
14:09:35	12.6675	5.5327	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:09:45	12.658	5.5297	0.2231
14:09:55	12.7669	5.4518	0.2207
14:10:05	12.658	5.5244	0.2207
14:10:15	12.7115	5.4732	0.2154
14:10:25	12.6484	5.5	0.2047
14:10:35	12.536	5.5696	0.2047
14:10:45	12.4866	5.5892	0.213
14:10:55	12.4842	5.5845	0.213
14:11:05	12.6234	5.4821	0.2207
14:11:15	12.4979	5.5892	0.2231
14:11:25	12.4443	5.6279	0.2207
14:11:35	12.3318	5.7196	0.2207
14:11:45	12.2212	5.8041	0.2207
14:11:55	12.2039	5.8184	0.2207
14:12:05	12.2194	5.8184	0.2207
14:12:15	12.2176	5.8326	0.2291
14:12:25	12.2461	5.8142	0.2291
14:12:35	12.2801	5.7815	0.2207
14:12:45	12.3283	5.7392	0.2154
14:12:55	12.3872	5.6981	0.2154
14:13:05	12.4806	5.6303	0.2207
14:13:15	12.511	5.6142	0.2315
14:13:25	12.5151	5.622	0.2368
14:13:35	12.5229	5.6196	0.2368
14:13:45	12.6865	5.4803	0.2517
14:13:55	12.6961	5.5083	0.2451
14:14:05	12.6026	5.5815	0.2291
14:14:15	12.6312	5.5607	0.2291
14:14:25	12.8014	5.4381	0.2291
14:14:35	12.9519	5.3464	0.2291
14:14:45	13.0698	5.2679	0.2368
14:14:55	13.1388	5.2268	0.2315
14:15:05	13.1501	5.2197	0.2207
14:15:15	13.0853	5.2578	0.2207
14:15:25	13.087	5.2607	0.2207
14:15:35	12.9763	5.3286	0.2315
14:15:45	12.8698	5.3911	0.2291
14:15:55	12.7704	5.4494	0.2451
14:16:05	12.6812	5.5006	0.238
14:16:15	12.6407	5.5226	0.2344
14:16:25	12.6008	5.5559	0.2368
14:16:35	12.6104	5.5434	0.2303
14:16:45	12.652	5.5208	0.2428
14:16:55	12.6353	5.5339	0.2368

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:17:05	12.5705	5.5857	0.2368
14:17:15	12.4979	5.6368	0.2338
14:17:25	12.5014	5.6285	0.2368
14:17:35	12.5455	5.5904	0.2368
14:17:45	12.5758	5.5607	0.2207
14:17:55	12.599	5.5494	0.2368
14:18:05	12.5741	5.566	0.2368
14:18:15	12.5342	5.6095	0.2451
14:18:25	12.511	5.6309	0.2451
14:18:35	12.5491	5.5827	0.2451
14:18:45	12.6276	5.5178	0.238
14:18:55	12.6657	5.4881	0.2291
14:19:05	12.7556	5.4297	0.2178
14:19:15	12.7401	5.4488	0.2207
14:19:25	12.6978	5.4762	0.2368
14:19:35	12.6943	5.472	0.2368
14:19:45	12.721	5.4547	0.2368
14:19:55	12.7324	5.4571	0.2166
14:20:05	12.78	5.4196	0.2005
14:20:15	12.8276	5.3905	0.2047
14:20:25	12.8889	5.3488	0.213
14:20:35	12.8734	5.3679	0.2207
14:20:45	12.8014	5.4143	0.2207
14:20:55	12.8698	5.372	0.2219
14:21:05	13.0013	5.2953	0.2207
14:21:15	13.0626	5.2512	0.2219
14:21:25	13.1216	5.2149	0.2207
14:21:35	13.1537	5.1971	0.2142
14:21:45	13.2132	5.1477	0.2059
14:21:55	13.2358	5.128	0.2059
14:22:05	13.2037	5.15	0.2196
14:22:15	13.1043	5.2125	0.2154
14:22:25	13.0109	5.2548	0.1981
14:22:35	12.9156	5.3149	0.188
14:22:45	12.9174	5.3167	0.2005
14:22:55	12.843	5.3708	0.1993
14:23:05	12.7627	5.4208	0.2059
14:23:15	12.7151	5.444	0.213
14:23:25	12.6788	5.4714	0.2207
14:23:35	12.5627	5.5553	0.2291
14:23:45	12.4425	5.647	0.2207
14:23:55	12.4122	5.663	0.2207
14:24:05	12.3545	5.7124	0.2142
14:24:15	12.3092	5.7452	0.213



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:24:25	12.2747	5.7666	0.2207
14:24:35	12.2402	5.7963	0.2207
14:24:45	12.2592	5.766	0.219
14:24:55	12.1468	5.8445	0.2207
14:25:05	12.0533	5.9017	0.2219
14:25:15	12.0361	5.9165	0.219
14:25:25	12.0307	5.9302	0.2047
14:25:35	12.2444	5.7493	0.2029
14:25:45	12.164	5.8326	0.1969
14:25:55	12.2229	5.7785	0.2118
14:26:05	12.1545	5.8428	0.2142
14:26:15	12.1146	5.866	0.213
14:26:25	12.2461	5.7606	0.2142
14:26:35	12.3188	5.7112	0.2029
14:26:45	12.286	5.7446	0.1981
14:26:55	12.4098	5.6166	0.1844
14:27:05	12.4919	5.5517	0.1797
14:27:15	12.3051	5.7047	0.1832
14:27:25	12.1676	5.8195	0.1981
14:27:35	12.1051	5.8773	0.2059
14:27:45	12.0515	5.9094	0.213
14:27:55	11.9712	5.9665	0.2219
14:28:05	11.9141	6.0011	0.2059
14:28:15	11.8915	6.0165	0.2059
14:28:25	11.8587	6.0546	0.213
14:28:35	11.8034	6.0969	0.2142
14:28:45	11.7117	6.1701	0.213
14:28:55	11.6814	6.1951	0.2142
14:29:05	11.7004	6.1808	0.2142
14:29:15	11.6737	6.2123	0.213
14:29:25	11.5939	6.2754	0.2082
14:29:35	11.5534	6.3129	0.2059
14:29:45	11.5481	6.3171	0.1981
14:29:55	11.529	6.3349	0.2059
14:30:05	11.5421	6.329	0.2059
14:30:15	11.46	6.3903	0.1981
14:30:25	11.3993	6.4266	0.2059
14:30:35	11.3725	6.4373	0.2059
14:30:45	11.3951	6.4283	0.2047
14:30:55	11.3612	6.4521	0.2029
14:31:05	11.3249	6.4718	0.2118
14:31:15	11.3761	6.4295	0.2106
14:31:25	11.4546	6.3736	0.1981
14:31:35	11.4392	6.3825	0.2005

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:31:45	11.4642	6.3641	0.2047
14:31:55	11.6338	6.2468	0.2047
14:32:05	11.8361	6.104	0.2047
14:32:15	11.9694	6.0046	0.2106
14:32:25	12.0819	5.9076	0.2207
14:32:35	12.1676	5.8314	0.2207
14:32:45	12.2271	5.7886	0.2154
14:32:55	12.2747	5.7505	0.2207
14:33:05	12.2325	5.794	0.213
14:33:15	12.0307	5.9552	0.2047
14:33:25	11.8337	6.0981	0.213
14:33:35	11.754	6.1474	0.2291
14:33:45	11.7522	6.1457	0.2326
14:33:55	11.7445	6.1451	0.2368
14:34:05	11.7159	6.1528	0.2231
14:34:15	11.7064	6.1576	0.2207
14:34:25	11.6243	6.1909	0.2219
14:34:35	11.6338	6.2105	0.2219
14:34:45	11.6659	6.1796	0.2142
14:34:55	11.6891	6.1641	0.213
14:35:05	11.6469	6.1992	0.2291
14:35:15	11.6201	6.226	0.2207
14:35:25	11.6397	6.2064	0.2219
14:35:35	11.6909	6.1599	0.2142
14:35:45	11.7159	6.1373	0.2219
14:35:55	11.6659	6.1849	0.2219
14:36:05	11.5915	6.2427	0.2291
14:36:15	11.5439	6.2825	0.2207
14:36:25	11.5005	6.3194	0.213
14:36:35	11.4963	6.3212	0.2207
14:36:45	11.4713	6.3438	0.2207
14:36:55	11.4618	6.3504	0.219
14:37:05	11.4582	6.351	0.2059
14:37:15	11.4582	6.3551	0.2047
14:37:25	11.46	6.3587	0.2118
14:37:35	11.5576	6.2962	0.2196
14:37:45	11.5403	6.323	0.2291
14:37:55	11.5136	6.3581	0.2326
14:38:05	11.4808	6.3873	0.2291
14:38:15	11.485	6.3891	0.2231
14:38:25	11.5403	6.3438	0.2196
14:38:35	11.6338	6.2659	0.2219
14:38:45	11.6754	6.2587	0.2154
14:38:55	11.7064	6.2236	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:39:05	11.8129	6.1367	0.213
14:39:15	11.9539	6.0278	0.2344
14:39:25	12.0992	5.9284	0.2338
14:39:35	12.2039	5.8553	0.2368
14:39:45	12.3545	5.7505	0.2368
14:39:55	12.4901	5.6392	0.238
14:40:05	12.6752	5.5	0.2356
14:40:15	12.7169	5.472	0.2368
14:40:25	12.7306	5.466	0.2439
14:40:35	12.6907	5.4785	0.2291
14:40:45	12.721	5.4476	0.2368
14:40:55	12.7651	5.4262	0.2315
14:41:05	12.7151	5.4524	0.2315
14:41:15	12.7651	5.4327	0.2207
14:41:25	12.8085	5.4107	0.2207
14:41:35	12.7556	5.4458	0.2207
14:41:45	12.7324	5.4607	0.2231
14:41:55	12.8085	5.4107	0.2106
14:42:05	12.677	5.5071	0.2207
14:42:15	12.599	5.566	0.2207
14:42:25	12.5741	5.5988	0.2154
14:42:35	12.658	5.5387	0.2207
14:42:45	12.6163	5.5648	0.2207
14:42:55	12.5758	5.5922	0.2231
14:43:05	12.4521	5.6856	0.2207
14:43:15	12.3146	5.7868	0.2291
14:43:25	12.2098	5.8558	0.2291
14:43:35	12.1753	5.8886	0.2207
14:43:45	12.1313	5.9284	0.2219
14:43:55	12.1051	5.9582	0.2267
14:44:05	12.0932	5.9725	0.2344
14:44:15	12.0664	5.9927	0.2368
14:44:25	12.0664	5.9987	0.2368

**Start Bias Calibration**

14:44:35	12.1027	5.9856	0.2451
14:44:45	18.2508	1.527	5.3393
14:44:55	0.8563	0.2636	0.4784
14:45:05	0.2576	0.1779	0.0333
14:45:15	0.1737	0.1339	0.0107
14:45:25	0.1392	0.1095	-0.0137
14:45:35	0.1053	0.0964	-0.0239
14:45:45	0.088	0.0779	-0.0125
14:45:55	0.069	0.0678	-0.0191

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
14:46:05	0.0499	0.0613	-0.0191
14:46:15	0.0476	0.0553	-0.0262
<b>Zero Bias</b>	<b>0.0555</b>	<b>0.061467</b>	<b>-0.02147</b>
14:46:25	0.0404	0.0553	-0.0423
14:46:35	4.3681	1.1253	0.2654
14:46:45	14.3118	0.307	8.6892
14:46:55	20.1139	0.094	14.4082
14:47:05	20.3108	0.0666	14.6302
14:47:15	20.3773	0.0565	14.6802
14:47:25	20.4326	0.0482	14.7069
14:47:35	20.4553	0.0446	14.7319
14:47:45	20.4805	0.0428	14.7557
14:47:55	20.4976	0.0428	14.7468
14:48:05	20.5127	0.0458	14.7397
14:48:15	20.5127	0.0446	14.7557
<b>THC Bias</b>	<b>20.50767</b>	<b>0.0444</b>	<b>14.7474</b>
14:48:25	20.5263	0.0428	14.7629
14:48:35	20.4916	0.0517	11.3202
14:48:45	13.2168	5.1256	1.2062
14:48:55	12.6312	5.3845	0.5183
<b>Resume Run 2B</b>			
14:49:05	12.6044	5.4226	0.4451
14:49:15	12.6276	5.4202	0.4017
14:49:25	12.5973	5.4488	0.3582
14:49:35	12.5437	5.4952	0.3296
14:49:45	12.4961	5.5315	0.3112
14:49:55	12.4979	5.541	0.2963
14:50:05	12.5169	5.5309	0.2826
14:50:15	12.5437	5.519	0.2761
14:50:25	12.4747	5.5738	0.2678
14:50:35	12.5151	5.5315	0.26
14:50:45	12.5282	5.5226	0.2541
14:50:55	12.5205	5.5285	0.2529
14:51:05	12.5627	5.5006	0.2541
14:51:15	12.6044	5.4714	0.2368
14:51:25	12.5491	5.5143	0.2529
14:51:35	12.4693	5.5732	0.26
14:51:45	12.389	5.6392	0.2564
14:51:55	12.3336	5.6797	0.2451
14:52:05	12.2973	5.7112	0.2439
14:52:15	12.2747	5.7333	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:52:25	12.261	5.7434	0.2368
14:52:35	12.2902	5.7178	0.2475
14:52:45	12.2212	5.7571	0.2517
14:52:55	12.145	5.8011	0.2529
14:53:05	12.139	5.8082	0.2439
14:53:15	12.1509	5.8082	0.2451
14:53:25	12.1164	5.838	0.2356
14:53:35	12.0837	5.8666	0.2451
14:53:45	12.1009	5.8535	0.2368
14:53:55	12.1563	5.8059	0.2475
14:54:05	12.1218	5.8392	0.2517
14:54:15	12.023	5.9124	0.2368
14:54:25	11.8873	6.026	0.2315
14:54:35	11.8742	6.0344	0.2451
14:54:45	11.7956	6.0981	0.2529
14:54:55	11.7617	6.1177	0.2368
14:55:05	11.7808	6.0981	0.2368
14:55:15	11.8147	6.0772	0.2291
14:55:25	11.9617	5.9463	0.2154
14:55:35	11.9391	5.9558	0.213
14:55:45	12.0974	5.8112	0.213
14:55:55	12.2176	5.7172	0.1946
14:56:05	12.2729	5.6797	0.1969
14:56:15	12.3967	5.5839	0.2047
14:56:25	12.2997	5.6791	0.2106
14:56:35	12.1926	5.7803	0.213
14:56:45	12.1944	5.788	0.2106
14:56:55	12.1985	5.7934	0.213
14:57:05	12.1908	5.8231	0.2368
14:57:15	12.3527	5.7219	0.2368
14:57:25	12.5169	5.6208	0.2291
14:57:35	12.5514	5.6178	0.2493
14:57:45	12.5419	5.6285	0.2451
14:57:55	12.5681	5.6059	0.2451
14:58:05	12.5931	5.5922	0.2368
14:58:15	12.6217	5.5714	0.2451
14:58:25	12.5758	5.6095	0.2451
14:58:35	12.5532	5.6279	0.2368
14:58:45	12.4651	5.6993	0.2368
14:58:55	12.4312	5.7291	0.2451
14:59:05	12.4616	5.7017	0.2505
14:59:15	12.4884	5.685	0.2451
14:59:25	12.4027	5.7535	0.2451
14:59:35	12.2902	5.8481	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:59:45	12.2557	5.8779	0.2451
14:59:55	12.1795	5.9154	0.2529
15:00:05	12.2039	5.8987	0.2368
15:00:15	12.2253	5.8832	0.2368
15:00:25	12.2765	5.841	0.2368
15:00:35	12.3092	5.8249	0.2368
15:00:45	12.3051	5.8285	0.2291
15:00:55	12.3586	5.785	0.2368
15:01:05	12.4937	5.6761	0.2291
15:01:15	12.677	5.5297	0.2207
15:01:25	12.818	5.4422	0.2207
15:01:35	12.9252	5.3738	0.213
15:01:45	13.0204	5.3149	0.213
15:01:55	13.1709	5.2096	0.2291
15:02:05	13.2721	5.1328	0.2219
15:02:15	13.2781	5.1215	0.2142
15:02:25	13.2281	5.1524	0.2059
15:02:35	13.0948	5.2488	0.2059
15:02:45	13.0912	5.2566	0.213
15:02:55	13.1085	5.2494	0.213
15:03:05	13.1311	5.231	0.213
15:03:15	13.19	5.1792	0.213
15:03:25	13.2685	5.128	0.2344
15:03:35	13.2912	5.1191	0.2368
15:03:45	13.2668	5.1477	0.2315
15:03:55	13.3144	5.1161	0.2368
15:04:05	13.2894	5.1352	0.2368
15:04:15	13.3066	5.1078	0.2392
15:04:25	13.2477	5.1441	0.2368
15:04:35	13.2073	5.1619	0.2428
15:04:45	13.2037	5.1655	0.2451
15:04:55	13.1924	5.1727	0.2451
15:05:05	13.215	5.1596	0.2368
15:05:15	13.0989	5.2351	0.2451
15:05:25	12.9156	5.3702	0.2451
15:05:35	12.8353	5.4244	0.2475
15:05:45	12.8621	5.4244	0.2451
15:05:55	12.9139	5.3821	0.2451
15:06:05	13.0168	5.3	0.2368
15:06:15	13.1061	5.2328	0.2344
15:06:25	13.137	5.2119	0.2451
15:06:35	13.2114	5.1447	0.2368
15:06:45	13.2168	5.1393	0.2428
15:06:55	13.0549	5.2423	0.2439

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:07:05	12.9079	5.3202	0.2529
15:07:15	12.818	5.3714	0.2529
15:07:25	12.5973	5.491	0.238
15:07:35	12.4288	5.5964	0.2207
15:07:45	12.3396	5.6612	0.213
15:07:55	12.3396	5.6666	0.2207
15:08:05	12.3354	5.6767	0.2451
15:08:15	12.3146	5.6952	0.2368
15:08:25	12.3092	5.71	0.2368
15:08:35	12.2801	5.7255	0.2338
15:08:45	12.261	5.7606	0.2356
15:08:55	12.2515	5.763	0.2368
15:09:05	12.2515	5.7832	0.2368
15:09:15	12.2461	5.7951	0.2368
15:09:25	12.3092	5.7487	0.2368
15:09:35	12.3491	5.7231	0.2368
15:09:45	12.3128	5.7559	0.2517
15:09:55	12.189	5.8547	0.2368
15:10:05	12.0212	5.9772	0.2291
15:10:15	11.973	6.0124	0.2291
15:10:25	12.1795	5.8428	0.2368
15:10:35	12.261	5.7826	0.2439
15:10:45	12.3836	5.694	0.2451
15:10:55	12.3777	5.6993	0.2368
15:11:05	12.2997	5.7547	0.2451
15:11:15	12.4235	5.6333	0.2451
15:11:25	12.2902	5.7642	0.2368
15:11:35	12.1241	5.8963	0.2368
15:11:45	12.0379	5.9659	0.2291
15:11:55	12.0307	5.9499	0.2207
15:12:05	12.0325	5.9469	0.2291
15:12:15	12.0266	5.9261	0.2207
15:12:25	12.0611	5.904	0.2279
15:12:35	12.0742	5.885	0.2207
15:12:45	12.0783	5.8779	0.213
15:12:55	12.0664	5.8904	0.2291
15:13:05	12.0117	5.932	0.2451
15:13:15	12.0765	5.8898	0.2368
15:13:25	12.1313	5.8624	0.2207
15:13:35	12.1355	5.8505	0.2368
15:13:45	12.1259	5.866	0.2439
15:13:55	12.0212	5.9534	0.2439
15:14:05	11.851	6.0957	0.2541
15:14:15	11.7159	6.1897	0.2588

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:14:25	11.6129	6.27	0.2612
15:14:35	11.5481	6.3099	0.2439
15:14:45	11.485	6.3361	0.2439
15:14:55	11.4451	6.3528	0.2451
15:15:05	11.4011	6.3932	0.2368
15:15:15	11.3898	6.3944	0.2291
15:15:25	11.3725	6.4147	0.2291
15:15:35	11.3398	6.4343	0.2207
15:15:45	11.3457	6.4307	0.2291
15:15:55	11.3077	6.4646	0.2392
15:16:05	11.2749	6.4908	0.2368
15:16:15	11.294	6.4825	0.2493
15:16:25	11.2672	6.517	0.2451
15:16:35	11.313	6.4801	0.2451
15:16:45	11.3969	6.4277	0.2529
15:16:55	11.3648	6.4646	0.2451
15:17:05	11.4064	6.4391	0.2451
15:17:15	11.5058	6.3772	0.238
15:17:25	11.563	6.3504	0.2368
15:17:35	11.5154	6.3968	0.2291
15:17:45	11.5326	6.3909	0.2291
15:17:55	11.5154	6.4105	0.2368
15:18:05	11.5171	6.4182	0.2368
15:18:15	11.4832	6.4581	0.2368
15:18:25	11.4737	6.4629	0.2368
15:18:35	11.5171	6.4277	0.2368
15:18:45	11.5957	6.3551	0.238
15:18:55	11.5707	6.3635	0.2368
15:19:05	11.7082	6.2718	0.2451
15:19:15	11.7766	6.2016	0.2416
15:19:25	11.9676	6.0534	0.2505
15:19:35	12.1277	5.9207	0.2439
15:19:45	12.139	5.9142	0.2451
15:19:55	12.1581	5.8951	0.2529
15:20:05	12.1962	5.8636	0.26
15:20:15	12.2366	5.8291	0.26
15:20:25	12.1545	5.882	0.2517
15:20:35	12.1027	5.9154	0.2493
15:20:45	12.017	5.9802	0.2493
15:20:55	12.0212	5.9707	0.2517
15:21:05	12.0022	5.9844	0.2439
15:21:15	11.9391	6.0338	0.2529
15:21:25	11.8093	6.132	0.2517
15:21:35	11.773	6.1522	0.2356



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:21:45	11.7712	6.1546	0.2303
15:21:55	11.779	6.1641	0.219
15:22:05	11.7712	6.1802	0.2315
15:22:15	11.7349	6.2141	0.2338
15:22:25	11.7576	6.1873	0.2291
15:22:35	11.7254	6.2201	0.2207
15:22:45	11.6969	6.2564	0.2207
15:22:55	11.5957	6.3468	0.2154
15:23:05	11.5939	6.3528	0.2291
15:23:15	11.6373	6.3159	0.2267
15:23:25	11.7939	6.2016	0.2207
15:23:35	12.0212	6.0528	0.2291
15:23:45	12.2176	5.9035	0.2291
15:23:55	12.3545	5.794	0.2291
15:24:05	12.4538	5.7094	0.2368
15:24:15	12.5282	5.6416	0.2291
15:24:25	12.5705	5.6083	0.2291
15:24:35	12.6044	5.5714	0.2368
15:24:45	12.5758	5.5928	0.2451
15:24:55	12.5776	5.5803	0.2451
15:25:05	12.7722	5.4369	0.2529
15:25:15	12.6865	5.5154	0.2517
15:25:25	12.5586	5.5928	0.2517
15:25:35	12.3985	5.7279	0.2749
15:25:45	12.5514	5.5976	0.2749
15:25:55	12.5378	5.6333	0.2642
15:26:05	12.4806	5.694	0.2678
15:26:15	12.4253	5.7315	0.26
15:26:25	12.4366	5.7112	0.26
15:26:35	12.4675	5.6821	0.2612
15:26:45	12.4884	5.6452	0.26
15:26:55	12.3931	5.7148	0.26
15:27:05	12.4693	5.6357	0.26
15:27:15	12.5032	5.5988	0.2761
15:27:25	12.2878	5.7559	0.2761
15:27:35	12.1962	5.8291	0.2761
15:27:45	12.2057	5.8148	0.2761
15:27:55	12.2444	5.7737	0.2678
15:28:05	12.2194	5.7832	0.2678
15:28:15	12.0724	5.8981	0.2678
15:28:25	11.7689	6.1016	0.26
15:28:35	11.6147	6.1998	0.26
15:28:45	11.5689	6.2201	0.2529
15:28:55	11.6034	6.1933	0.26

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:29:05	11.7576	6.0987	0.2529
15:29:15	11.8742	6.0201	0.2439
15:29:25	11.9391	5.979	0.2368
15:29:35	11.9522	5.9719	0.2451
15:29:45	11.9468	5.9856	0.2368
15:29:55	11.9444	5.9939	0.2392
15:30:05	11.9176	6.0225	0.2368
15:30:15	11.8932	6.0302	0.2368
15:30:25	11.9046	6.0266	0.2451
15:30:35	11.9141	6.0177	0.2529
15:30:45	11.876	6.0481	0.2529
15:30:55	11.8266	6.0802	0.2529
15:31:05	11.8361	6.0689	0.2517
15:31:15	11.8397	6.079	0.2517
15:31:25	11.8093	6.104	0.2529
15:31:35	11.7159	6.1849	0.26
15:31:45	11.6909	6.1933	0.26
15:31:55	11.6969	6.1843	0.26
15:32:05	11.7159	6.1885	0.2678
15:32:15	11.7308	6.1736	0.26
15:32:25	11.7349	6.1766	0.2529
15:32:35	11.7671	6.1629	0.26
15:32:45	11.7272	6.1742	0.2529
15:32:55	11.6641	6.226	0.2529
15:33:05	11.5689	6.304	0.2529
15:33:15	11.6243	6.2742	0.2517
15:33:25	11.8171	6.1588	0.2451
15:33:35	11.9676	6.0737	0.2529
15:33:45	12.0188	6.0415	0.2517
15:33:55	12.0456	6.0177	0.2451
15:34:05	12.0992	5.9671	0.2517
15:34:15	12.145	5.9237	0.2529
15:34:25	12.1355	5.9338	0.2505
15:34:35	12.0914	5.9761	0.2529
15:34:45	12.1355	5.9415	0.2529
15:34:55	12.1813	5.8826	0.2529
15:35:05	12.242	5.8237	0.2451
15:35:15	12.2116	5.8445	0.2451
15:35:25	12.4747	5.6493	0.2392
15:35:35	12.6008	5.5839	0.2451
15:35:45	12.6258	5.5785	0.2439
15:35:55	12.6925	5.5351	0.2368
15:36:05	12.7038	5.5315	0.2451
15:36:15	12.721	5.5202	0.2529

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:36:25	12.7817	5.4702	0.2541
15:36:35	12.8657	5.4232	0.2529
15:36:45	12.843	5.4405	0.2529
15:36:55	12.8371	5.4297	0.2529
15:37:05	12.8145	5.4393	0.2529
15:37:15	12.7687	5.4678	0.2529
15:37:25	12.7365	5.4815	0.2529
15:37:35	12.6812	5.5101	0.2451
15:37:45	12.6597	5.5196	0.2529
15:37:55	12.6883	5.5035	0.2576
15:38:05	12.7573	5.466	0.2463
15:38:15	12.8127	5.4315	0.2451
15:38:25	12.8204	5.4286	0.2529
15:38:35	12.818	5.4333	0.2529
15:38:45	12.7365	5.4845	0.2529
15:38:55	12.6104	5.5357	0.2576
15:39:05	12.4027	5.7041	0.26
15:39:15	12.1718	5.8832	0.2624
15:39:25	12.2098	5.8451	0.2636
15:39:35	12.3414	5.7279	0.2654
15:39:45	12.5568	5.5547	0.2541
15:39:55	12.4366	5.6571	0.26
15:40:05	12.3164	5.76	0.26
15:40:15	12.2402	5.8142	0.2654
15:40:25	12.1337	5.8874	0.2678
15:40:35	12.042	5.9475	0.2678
15:40:45	12.0152	5.9802	0.2612
15:40:55	11.9807	6.0165	0.26
15:41:05	11.9599	6.0415	0.2529
15:41:15	11.9807	6.0225	0.26
15:41:25	12.0379	5.9636	0.2678
15:41:35	12.0039	5.9963	0.2678
15:41:45	11.8724	6.1076	0.2678
15:41:55	11.6927	6.2659	0.2678
15:42:05	11.5766	6.3635	0.2678
15:42:15	11.4618	6.4712	0.2761
15:42:25	11.2922	6.5611	0.2785
15:42:35	11.1571	6.62	0.2803
15:42:45	11.0482	6.6563	0.2642
15:42:55	10.8786	6.761	0.26
15:43:05	10.7447	6.8669	0.26
15:43:15	10.6173	6.9586	0.2529
15:43:25	10.5233	7.0104	0.2529
15:43:35	10.4299	7.0752	0.2451

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
15:43:45	10.4186	7.083	0.2368
15:43:55	10.5465	6.9949	0.2368
15:44:05	10.806	6.8342	0.2368
15:44:15	11.0577	6.6854	0.2451
15:44:25	11.2333	6.5712	0.2451
15:44:35	11.3588	6.4879	0.2451
15:44:45	11.4237	6.4468	0.2529
15:44:55	11.5862	6.3307	0.2475
<b>End Run 2B</b>	<b>12.24082</b>	<b>5.772533</b>	<b>0.225398</b>
15:45:05	12.0283	6.0338	0.2451
15:45:15	12.4651	5.7487	0.2428
15:45:25	12.7115	5.591	0.2356
15:45:35	12.8603	5.4976	0.2451
15:45:45	12.8776	5.4934	0.2529
15:45:55	12.921	5.4785	0.2451
15:46:05	12.9192	5.4982	0.2451
15:46:15	12.9668	5.4559	0.2529
15:46:25	13.0013	5.4363	0.2529
15:46:35	13.0222	5.4226	0.2529
15:46:45	13.0775	5.3863	0.2624
15:46:55	13.1977	5.3006	0.2761
15:47:05	13.2929	5.231	0.2689
15:47:15	13.4971	5.081	0.2666
15:47:25	13.6423	4.9846	0.2761
15:47:35	13.6917	4.9513	0.2761
15:47:45	13.919	4.7805	0.2761
15:47:55	14.2832	4.5008	0.2761
15:48:05	14.6343	4.255	0.2761
15:48:15	14.867	4.1009	0.2838
15:48:25	14.9164	4.03	0.2922
15:48:35	14.9735	3.8908	0.2922
15:48:45	15.2503	3.6218	0.2838
15:48:55	15.4526	3.4379	0.2975
15:49:05	15.5401	3.3564	0.2987
15:49:15	15.5514	3.3242	0.2963
15:49:25	15.2753	3.4933	0.2838
15:49:35	14.6034	3.8717	0.2838
15:49:45	14.1707	4.0907	0.2939
15:49:55	13.8904	4.2342	0.2987
15:50:05	13.6405	4.3597	0.2838
15:50:15	13.4322	4.4764	0.291
15:50:25	13.118	4.6621	0.2922
15:50:35	12.7609	4.8674	0.2761
15:50:45	12.4634	5.0269	0.2761

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
15:50:55	12.2307	5.1512	0.291
15:51:05	12.3777	5.0661	0.2761
15:51:15	11.9081	5.3411	0.2678
15:51:25	11.7332	5.4357	0.2803
15:51:35	18.3591	1.4056	2.3179
15:51:45	0.8831	0.2398	0.1065
15:51:55	0.2517	0.1547	0.0196
15:52:05	0.1946	0.1231	0.0273
15:52:15	0.16	0.0993	0.0047
15:52:25	0.1166	0.0803	-0.0173
15:52:35	0.0934	0.0708	-0.0185
15:52:45	0.0785	0.0654	-0.0262
15:52:55	0.0785	0.0624	-0.0191
15:53:05	0.0648	0.0559	-0.0185
<b>Zero Bias</b>	<b>0.073933</b>	<b>0.061233</b>	<b>-0.02127</b>
15:53:15	0.0499	0.0535	-0.0042
15:53:25	9.4497	4.7109	0.4576
15:53:35	7.9161	6.8777	0.0964
15:53:45	9.8865	9.7241	0.0113
15:53:55	9.9401	9.8592	0.0059
15:54:05	9.9669	9.9234	0.0059
15:54:15	9.9782	9.9532	-0.0036
15:54:25	9.9895	9.9728	-0.009
15:54:35	9.999	9.9907	-0.0102
15:54:45	9.9954	10.0044	0.0107
15:54:55	10.0026	10.0133	0.0059
15:55:05	10.0067	10.0198	0.0047
<b>O2/CO2 Bias</b>	<b>10.00157</b>	<b>10.0125</b>	<b>0.0071</b>
15:55:15	10.0026	10.0228	0.0148
15:55:25	10.4394	7.302	0.5588
15:55:35	18.5998	1.6413	10.9149
15:55:45	20.2917	0.4266	14.4332
15:55:55	20.3924	0.2868	14.6462
15:56:05	20.4382	0.2207	14.6861
15:56:15	20.4729	0.1761	14.7087
15:56:25	20.4901	0.1529	14.7236
15:56:35	20.5072	0.1321	14.7319
15:56:45	20.5223	0.1178	14.7236
15:56:55	20.5278	0.1071	14.7343
<b>THC Bias</b>	<b>20.5191</b>	<b>0.119</b>	<b>14.72993</b>
15:57:05	20.5374	0.0976	14.7397
15:57:15	20.5339	0.091	13.1477
15:57:25	13.797	4.4919	1.8198

### Veolia Unit 4

Uncorrected Concentrations									
25-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 3A	935-1040	12.29	5.38						0.00
Run 4A	1050-1155	11.93	5.66						0.00
Run 3B	1335-1641	11.77	5.86				0.33	39.28	0.54

Corrected O <sub>2</sub> Conc.					
25-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	935-1040	12.29	0.08	1.02	12.48
Run 4A	1050-1155	11.93	0.06	1.02	12.11
Run 3B	1335-1641	11.77	0.04	1.02	12.00

Corrected CO <sub>2</sub> Conc.					
25-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	935-1040	5.38	0.06	1.03	5.45
Run 4A	1050-1155	5.66	0.09	1.03	5.71
Run 3B	1335-1641	5.86	0.06	1.03	5.96

**Veolia Unit 4**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/25/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:27	-0.02	0.02	0.1%
span gas	CC189665	22.50	07:24	22.58	0.08	0.4%
mid-range	CC43355	10.10	07:25	10.12	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
3A	0.00	-0.02	07:31	0.08	0.5%	10:43	0.08	0.4%	0.0%	$C_0 = 0.079$
	10.10	10.12	07:33	9.97	-0.7%	10:44	9.96	-0.7%	0.0%	$C_{MA}/(C_M - C_0) = 1.022$
4A	0.00	-0.02	10:43	0.08	0.4%	11:58	0.05	0.3%	-0.1%	$C_0 = 0.064$
	10.10	10.12	10:44	9.96	-0.7%	11:59	9.96	-0.7%	0.0%	$C_{MA}/(C_M - C_0) = 1.020$
3B	0.00	-0.02	11:58	0.05	0.3%	16:54	0.02	0.2%	-0.1%	$C_0 = 0.036$
	10.10	10.12	11:59	9.96	-0.7%	16:56	9.87	-1.1%	-0.4%	$C_{MA}/(C_M - C_0) = 1.022$

**Veolia Unit 4**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/25/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:27	0.04	0.04	0.2%
span gas	CC189665	19.20	07:24	19.24	0.04	0.2%
mid-range	CC43355	10.00	07:25	10.05	0.05	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
3A	0.00	0.04	07:31	0.03	-0.1%	10:43	0.10	0.3%	0.4%	C <sub>0</sub> = 0.064
	10.00	10.05	07:33	9.81	-1.2%	10:44	9.82	-1.2%	0.1%	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.025
4A	0.00	0.04	10:43	0.10	0.3%	11:58	0.08	0.2%	-0.1%	C <sub>0</sub> = 0.091
	10.00	10.05	10:44	9.82	-1.2%	11:59	9.86	-1.0%	0.2%	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.025
3B	0.00	0.04	11:58	0.08	0.2%	16:54	0.04	0.0%	-0.2%	C <sub>0</sub> = 0.059
	10.00	10.05	11:59	9.86	-1.0%	16:56	9.70	-1.8%	-0.8%	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.028



**Veolia Unit 4  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/25/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	11:58	0.00	0.00	n/a
<b>Span</b>	ALM025456	24.70	12:02	24.67	0.03	0.1%
<b>Mid</b>	ALM028646	14.80	12:04	15.03	0.23	1.5%
<b>Low</b>	ALM057529	8.43	12:06	8.54	0.11	1.4%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 38	0.00	13:14	-0.01	0.0
	15.03	13:16	14.88	-0.5
	0.00	14:37	-0.01	0.0
	15.03	14:39	14.93	-0.3
	0.00	15:45	-0.02	-0.1
	15.03	15:47	14.86	-0.6
	0.00	16:54	-0.05	-0.2
	15.03	16:58	15.00	-0.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00			0.00	n/a
<b>Span</b>	ALM025456	24.70			24.70	100.0%
<b>Mid</b>	ALM028646	14.80			14.80	100.0%
<b>Low</b>	ALM057529	8.43			8.43	100.0%

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:21:32	-4.60E-05	0.0184	0.9373
7:21:42	-0.0054	0.0154	0.9158
7:21:52	-0.0114	0.022	0.9075
7:22:02	-0.0096	0.0214	0.9146
7:22:12	-0.0149	0.0208	0.9283
7:22:22	-0.0131	0.019	0.9295
7:22:32	0.0017	0.019	0.9384
<b>N2 Zero</b>	<b>-0.00877</b>	<b>0.0196</b>	<b>0.932067</b>
7:22:42	0.0458	0.0202	0.9307
7:22:52	22.3723	19.5978	0.9063
7:23:02	22.8854	19.7488	0.9063
7:23:12	22.9086	19.778	0.9182
7:23:22	22.8053	19.6985	0.9361
7:23:32	22.7424	19.7806	0.9396
7:23:42	22.5672	19.2226	0.9492
7:23:52	22.5727	19.2156	0.9658
7:24:02	22.5767	19.2242	0.9396
7:24:12	22.5823	19.2282	0.9236
7:24:22	22.5802	19.2317	0.9396
7:24:32	22.5878	19.2357	0.9617
7:24:42	22.5802	19.2377	0.9295
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.58273</b>	<b>19.23503</b>	<b>0.9436</b>
7:24:52	22.5173	19.0615	0.9087
7:25:02	21.2126	15.627	0.9134
7:25:12	10.3311	10.0615	0.9158
7:25:22	10.1418	10.0591	0.9075
7:25:32	10.1287	10.0514	0.9492
7:25:42	10.1228	10.0484	0.9807
7:25:52	10.1192	10.0454	1.0093
<b>O2/CO2 Mid 10.1/10.0</b>	<b>10.12357</b>	<b>10.0484</b>	<b>0.979733</b>
7:26:02	10.1037	10.0365	1.0634
7:26:12	10.0984	9.9776	0.9956
7:26:22	9.5164	9.3503	0.9628
7:26:32	0.1166	0.0952	0.9706
7:26:42	-0.0036	0.0702	0.9753
7:26:52	-0.0078	0.0589	1.0039
7:27:02	-0.0191	0.0517	1.0313
7:27:12	-0.0244	0.0464	1.0093
7:27:22	-0.0209	0.0428	1.0253
7:27:32	-0.0244	0.0374	1.0235
<b>N2 Zero</b>	<b>-0.02323</b>	<b>0.0422</b>	<b>1.019367</b>

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
7:27:42	-0.0054	0.0428	1.0015
7:27:52	14.7926	0.4028	0.9795
7:28:02	20.7302	0.0815	0.895
7:28:12	20.7569	0.088	0.9331
7:28:22	20.7323	0.097	0.9307
7:28:32	20.7549	0.0964	0.9248
7:28:42	20.7453	0.094	0.9283
7:28:52	20.7514	0.0916	0.9146
7:29:02	20.7569	0.091	0.9075
7:29:12	20.7625	0.0904	0.9212
7:29:22	20.4709	0.3249	2.8214
7:29:32	1.6329	0.0458	0.1535
7:29:42	0.4195	0.041	-0.0185
7:29:52	0.3356	0.0404	-0.056
7:30:02	0.185	0.0398	-0.0721
7:30:12	0.2826	0.0398	-0.0893
7:30:22	0.141	0.0273	-0.0959
7:30:32	0.1452	0.0357	-0.0959
7:30:42	0.0934	0.0321	-0.1042
7:30:52	0.1547	0.0315	-0.1042
7:31:02	0.0916	0.0297	-0.1042
7:31:12	0.088	0.0291	-0.1042
7:31:22	0.0839	0.0285	-0.1042
7:31:32	0.0743	0.0297	-0.1042
<b>Zero Bias</b>	<b>0.082067</b>	<b>0.0291</b>	<b>-0.1042</b>
7:31:42	0.063	0.0297	-0.0066
7:31:52	17.0106	0.0732	0.3755
7:32:02	8.6124	8.7011	-0.056
7:32:12	9.8728	9.5955	-0.0572
7:32:22	9.9187	9.6872	-0.056
7:32:32	9.9377	9.7467	-0.0512
7:32:42	9.9496	9.7723	-0.0637
7:32:52	9.955	9.7794	-0.056
7:33:02	9.9591	9.7901	-0.0637
7:33:12	9.9704	9.8205	-0.0721
7:33:22	9.9687	9.8181	-0.0596
<b>O2/CO2 Bias</b>	<b>9.966067</b>	<b>9.809567</b>	<b>-0.06513</b>
7:33:32	9.9687	9.8199	-0.0619
7:33:42	16.3774	2.741	0.5141
7:33:52	20.3047	0.3731	0.8301
7:34:02	20.5545	0.2493	0.8599

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:31:42	12.8127	5.0447	0.2207
9:31:52	12.9002	4.9917	0.2219
9:32:02	12.8109	5.0536	0.2291
9:32:12	12.8109	5.0435	0.2291
9:32:22	12.843	5.0322	0.2207
9:32:32	12.5514	5.2328	0.2207
9:32:42	12.5491	5.2096	0.2291
9:32:52	12.7556	5.0626	0.2291
9:33:02	13.0567	4.8465	0.2291
9:33:12	13.2685	4.6995	0.2207
9:33:22	13.4495	4.5656	0.2291
9:33:32	13.5393	4.5186	0.2291
9:33:42	13.4364	4.5918	0.2315
9:33:52	12.8984	4.981	0.2344
9:34:02	12.414	5.2732	0.2243
9:34:12	12.139	5.453	0.2291
9:34:22	12.2021	5.3869	0.2291
9:34:32	12.3622	5.2845	0.2368
9:34:42	12.5247	5.1846	0.2291
9:34:52	12.561	5.1875	0.2451

**Start Run 3A**

9:35:02	12.4348	5.281	0.2368
9:35:12	12.2824	5.3923	0.2315
9:35:22	12.0438	5.5625	0.2291
9:35:32	11.9581	5.6035	0.2207
9:35:42	12.2402	5.3542	0.2291
9:35:52	12.4253	5.2411	0.238
9:36:02	12.3033	5.3173	0.2439
9:36:12	12.1831	5.4012	0.2451
9:36:22	11.9081	5.644	0.2451
9:36:32	11.6891	5.7844	0.2529
9:36:42	11.704	5.766	0.2517
9:36:52	11.7254	5.7487	0.2475
9:37:02	11.9028	5.5827	0.2368
9:37:12	12.2634	5.306	0.2356
9:37:22	12.5282	5.1447	0.2368
9:37:32	12.8127	4.9554	0.2428
9:37:42	13.0853	4.8025	0.2416
9:37:52	12.6181	5.1596	0.2356
9:38:02	12.1545	5.4738	0.2368
9:38:12	12.0039	5.5875	0.2368
9:38:22	12.0629	5.5279	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:38:32	12.3378	5.3256	0.2207
9:38:42	12.5663	5.1893	0.2279
9:38:52	12.6812	5.1298	0.2291
9:39:02	12.7687	5.0703	0.2291
9:39:12	12.8639	5.0185	0.2451
9:39:22	12.633	5.1756	0.2368
9:39:32	12.8853	4.9763	0.2279
9:39:42	13.3352	4.668	0.2291
9:39:52	13.6137	4.4764	0.2207
9:40:02	13.6768	4.4425	0.2291
9:40:12	13.1061	4.8715	0.2291
9:40:22	12.7913	5.0536	0.2231
9:40:32	12.7115	5.1066	0.2207
9:40:42	12.9043	4.959	0.2207
9:40:52	12.9156	4.9632	0.2291
9:41:02	12.9573	4.9406	0.2207
9:41:12	12.8032	5.0483	0.219
9:41:22	13.0412	4.8686	0.213
9:41:32	12.8698	5.0251	0.2207
9:41:42	12.3354	5.3934	0.2207
9:41:52	12.1355	5.5476	0.2255
9:42:02	12.2747	5.3905	0.2291
9:42:12	12.3812	5.3333	0.2255
9:42:22	12.2515	5.4524	0.2279
9:42:32	12.2747	5.4137	0.2291
9:42:42	12.3646	5.3327	0.2279
9:42:52	12.683	5.1078	0.2219
9:43:02	12.6639	5.1518	0.2368
9:43:12	12.3015	5.4036	0.2439
9:43:22	12.1831	5.469	0.2475
9:43:32	12.3931	5.2905	0.2451
9:43:42	12.3949	5.2988	0.2451
9:43:52	12.4253	5.272	0.2428
9:44:02	12.5395	5.1929	0.2356
9:44:12	12.5247	5.231	0.219
9:44:22	12.2688	5.4113	0.2207
9:44:32	12.189	5.4613	0.2291
9:44:42	12.1962	5.4369	0.2291
9:44:52	12.2955	5.3488	0.2303
9:45:02	12.53	5.1959	0.2291
9:45:12	12.7115	5.0899	0.2303
9:45:22	12.7341	5.0673	0.2267
9:45:32	12.7002	5.0935	0.2154
9:45:42	12.7496	5.0602	0.2178

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:45:52	12.9936	4.9055	0.2231
9:46:02	12.8145	5.0536	0.2338
9:46:12	12.5229	5.2286	0.2356
9:46:22	12.6467	5.128	0.2392
9:46:32	12.727	5.0947	0.2368
9:46:42	12.4651	5.2679	0.2368
9:46:52	12.4675	5.2423	0.2368
9:47:02	12.6717	5.1024	0.2368
9:47:12	12.7532	5.0715	0.2356
9:47:22	12.6865	5.1143	0.2451
9:47:32	12.8109	5.0304	0.2428
9:47:42	12.4866	5.253	0.2368
9:47:52	12.292	5.3542	0.2451
9:48:02	12.3836	5.2792	0.2368
9:48:12	12.3949	5.2774	0.2243
9:48:22	12.3604	5.3036	0.2207
9:48:32	12.4842	5.2143	0.2326
9:48:42	12.7514	5.0322	0.2356
9:48:52	12.7627	5.0572	0.2291
9:49:02	12.4366	5.2631	0.2279
9:49:12	12.6693	5.0816	0.2291
9:49:22	12.9859	4.8697	0.2279
9:49:32	12.9859	4.8757	0.2231
9:49:42	12.7764	5.0322	0.2255
9:49:52	12.511	5.2012	0.2291
9:50:02	12.6621	5.0834	0.2207
9:50:12	12.8526	4.9685	0.2279
9:50:22	12.555	5.1929	0.2356
9:50:32	12.1813	5.4601	0.2291
9:50:42	12.4235	5.2417	0.2207
9:50:52	12.9478	4.8906	0.2231
9:51:02	12.7074	5.078	0.2368
9:51:12	12.4062	5.281	0.2356
9:51:22	12.2765	5.3685	0.2356
9:51:32	12.145	5.4738	0.2291
9:51:42	11.8796	5.6898	0.219
9:51:52	11.8016	5.7338	0.2047
9:52:02	11.9254	5.6255	0.2094
9:52:12	12.0075	5.569	0.213
9:52:22	12.2801	5.3232	0.2047
9:52:32	12.7401	5.0405	0.2207
9:52:42	12.8317	5.0036	0.213
9:52:52	12.9978	4.8822	0.2047
9:53:02	13.2858	4.687	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:53:12	13.0263	4.8781	0.2082
9:53:22	12.8335	4.9894	0.1969
9:53:32	12.6907	5.0816	0.2041
9:53:42	12.5568	5.1786	0.1969
9:53:52	12.536	5.1869	0.2029
9:54:02	12.921	4.9215	0.2207
9:54:12	12.8603	4.9709	0.2207
9:54:22	12.7133	5.0602	0.2291
9:54:32	13.1251	4.7567	0.2255
9:54:42	12.9537	4.9299	0.2243
9:54:52	12.5437	5.1602	0.213
9:55:02	12.6847	5.0364	0.213
9:55:12	13.0585	4.7739	0.213
9:55:22	13.1216	4.7483	0.2207
9:55:32	12.9787	4.8525	0.213
9:55:42	12.511	5.1852	0.2207
9:55:52	12.3931	5.2465	0.2207
9:56:02	12.2348	5.3583	0.2207
9:56:12	11.9712	5.5583	0.219
9:56:22	11.5975	5.8475	0.2207
9:56:32	11.4808	5.9148	0.2207
9:56:42	11.5671	5.857	0.2231
9:56:52	11.5939	5.8207	0.2267
9:57:02	11.6338	5.7874	0.2207
9:57:12	11.2809	6.076	0.2207
9:57:22	11.1797	6.1427	0.2291
9:57:32	11.1476	6.1802	0.2291
9:57:42	11.0405	6.279	0.2291
9:57:52	11.3225	6.0213	0.2267
9:58:02	11.8986	5.5613	0.2207
9:58:12	12.2307	5.3137	0.2207
9:58:22	12.2057	5.3435	0.213
9:58:32	11.9635	5.5648	0.2047
9:58:42	11.5993	5.8642	0.2029
9:58:52	11.504	5.9356	0.213
9:59:02	11.4677	5.9558	0.2047
9:59:12	11.5005	5.9368	0.2047
9:59:22	11.5231	5.904	0.2047
9:59:32	11.6891	5.7553	0.2047
9:59:42	12.0819	5.4405	0.188
9:59:52	12.3568	5.2732	0.1898
10:00:02	12.2039	5.3863	0.1898
10:00:12	12.2705	5.3274	0.1898
10:00:22	12.3146	5.303	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:00:32	12.0914	5.4881	0.1981
10:00:42	11.8605	5.6761	0.1981
10:00:52	11.8456	5.6767	0.1981
10:01:02	12.0765	5.4845	0.1981
10:01:12	12.5151	5.1738	0.1898
10:01:22	12.8335	4.9685	0.1981
10:01:32	13.137	4.7716	0.1898
10:01:42	13.2245	4.7144	0.1969
10:01:52	13.0722	4.8251	0.2047
10:02:02	12.927	4.9162	0.213
10:02:12	12.78	5.0203	0.2047
10:02:22	12.3092	5.3298	0.2047
10:02:32	12.0992	5.4601	0.2047
10:02:42	12.1676	5.3911	0.2047
10:02:52	12.5264	5.1494	0.1969
10:03:02	12.8317	4.9769	0.1969
10:03:12	12.8758	4.9566	0.2047
10:03:22	12.7687	5.0245	0.2047
10:03:32	12.8734	4.9525	0.1969
10:03:42	13.0359	4.84	0.1969
10:03:52	12.8413	4.9709	0.2154
10:04:02	12.2325	5.3923	0.2291
10:04:12	11.8242	5.7047	0.213
10:04:22	11.8093	5.6993	0.2047
10:04:32	11.9444	5.6041	0.2047
10:04:42	11.901	5.6499	0.2082
10:04:52	11.92	5.6273	0.1993
10:05:02	12.1164	5.4762	0.1898
10:05:12	12.2176	5.4167	0.2047
10:05:22	12.2194	5.4006	0.2047
10:05:32	12.2765	5.3369	0.2059
10:05:42	12.5074	5.1822	0.2047
10:05:52	12.6258	5.1066	0.2047
10:06:02	12.7817	5.0084	0.2047
10:06:12	12.458	5.2363	0.213
10:06:22	12.1735	5.4286	0.1898
10:06:32	12.042	5.5333	0.1821
10:06:42	11.9617	5.5845	0.1821
10:06:52	11.9599	5.5982	0.1898
10:07:02	11.8647	5.6904	0.1981
10:07:12	11.8093	5.7285	0.1969
10:07:22	11.8724	5.6577	0.1969
10:07:32	12.1105	5.4524	0.1898
10:07:42	12.4842	5.2012	0.1969



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:07:52	12.555	5.1715	0.2047
10:08:02	12.4979	5.2096	0.2047
10:08:12	12.5169	5.1875	0.2047
10:08:22	12.78	5.0191	0.2047
10:08:32	12.9079	4.9471	0.213
10:08:42	12.9805	4.9055	0.2047
10:08:52	13.1102	4.8162	0.2047
10:09:02	13.2572	4.7239	0.2047
10:09:12	13.2644	4.7132	0.2047
10:09:22	13.4935	4.5246	0.2047
10:09:32	13.4709	4.5579	0.2005
10:09:42	13.3048	4.6656	0.1946
10:09:52	13.3275	4.6561	0.1821
10:10:02	13.0853	4.8269	0.1969
10:10:12	12.9555	4.9304	0.1957
10:10:22	12.7556	5.0584	0.1898
10:10:32	12.599	5.1322	0.1969
10:10:42	12.4961	5.1917	0.1969
10:10:52	12.1926	5.4137	0.1981
10:11:02	12.0361	5.5357	0.2047
10:11:12	12.2705	5.3304	0.1969
10:11:22	12.4747	5.1988	0.2047
10:11:32	12.4217	5.2488	0.2047
10:11:42	12.2098	5.3982	0.2047
10:11:52	11.973	5.5857	0.1969
10:12:02	11.2523	6.1576	0.2047
10:12:12	10.5959	6.617	0.2047
10:12:22	10.5197	6.6396	0.1981
10:12:32	10.6019	6.589	0.188
10:12:42	10.6649	6.5307	0.1969
10:12:52	10.825	6.4158	0.1969
10:13:02	11.0881	6.2159	0.1969
10:13:12	11.4088	5.982	0.1969
10:13:22	11.6373	5.8195	0.1981
10:13:32	11.7861	5.6975	0.1898
10:13:42	12.0551	5.4821	0.2059
10:13:52	12.267	5.3214	0.2041
10:14:02	12.4044	5.2322	0.1922
10:14:12	12.3527	5.2661	0.1969
10:14:22	11.8474	5.6636	0.2047
10:14:32	11.6225	5.8279	0.1969
10:14:42	11.9331	5.5577	0.1898
10:14:52	12.4425	5.1971	0.1993
10:15:02	12.6961	5.0459	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:15:12	12.902	4.9007	0.2082
10:15:22	12.9478	4.9138	0.1993
10:15:32	12.8335	4.9947	0.2047
10:15:42	12.8966	4.959	0.2059
10:15:52	12.9192	4.9441	0.2047
10:16:02	12.5949	5.1619	0.2059
10:16:12	12.3336	5.3143	0.213
10:16:22	12.3872	5.2661	0.2047
10:16:32	12.3473	5.3	0.2059
10:16:42	12.3872	5.2578	0.2047
10:16:52	12.5151	5.1774	0.1946
10:17:02	12.5473	5.1566	0.1743
10:17:12	12.4866	5.1947	0.1821
10:17:22	12.5014	5.1828	0.1898
10:17:32	12.5514	5.1673	0.1981
10:17:42	12.4027	5.2714	0.2047
10:17:52	12.1771	5.4232	0.2047
10:18:02	12.0629	5.4964	0.2059
10:18:12	11.7195	5.7803	0.2059
10:18:22	11.6469	5.8261	0.1898
10:18:32	11.5403	5.9302	0.1969
10:18:42	11.4677	5.9987	0.2047
10:18:52	11.5076	5.9719	0.213
10:19:02	11.6052	5.8963	0.2106
10:19:12	11.7082	5.8178	0.2047
10:19:22	11.9254	5.6232	0.2047
10:19:32	12.3908	5.2685	0.2047
10:19:42	12.3812	5.3214	0.2047
10:19:52	11.8397	5.7707	0.213
10:20:02	11.5517	5.9802	0.2207
10:20:12	11.4451	6.0528	0.2207
10:20:22	11.5267	5.9749	0.2207
10:20:32	11.6873	5.8499	0.2207
10:20:42	11.7082	5.8279	0.213
10:20:52	11.8778	5.691	0.213
10:21:02	11.7808	5.76	0.213
10:21:12	12.1866	5.4208	0.2047
10:21:22	12.0593	5.566	0.2047
10:21:32	11.8742	5.7083	0.213
10:21:42	11.9902	5.6172	0.2047
10:21:52	12.0878	5.5571	0.2047
10:22:02	12.2955	5.3744	0.1898
10:22:12	12.477	5.2441	0.1898
10:22:22	12.1735	5.4904	0.1832

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:22:32	12.023	5.5952	0.1898
10:22:42	12.1962	5.4524	0.1898
10:22:52	12.2824	5.3792	0.1898
10:23:02	12.3836	5.297	0.1898
10:23:12	12.5282	5.1959	0.1898
10:23:22	12.6562	5.1096	0.1821
10:23:32	12.6597	5.1084	0.1821
10:23:42	12.5836	5.1566	0.188
10:23:52	12.6925	5.0846	0.1844
10:24:02	12.7936	5.0096	0.1821
10:24:12	12.9347	4.9049	0.1821
10:24:22	12.9365	4.9162	0.1868
10:24:32	12.1926	5.4458	0.1898
10:24:42	11.8605	5.6856	0.1898
10:24:52	11.5344	5.9517	0.1898
10:25:02	11.6909	5.794	0.1898
10:25:12	11.9944	5.5416	0.1946
10:25:22	12.2592	5.3393	0.1946
10:25:32	12.2842	5.3214	0.1969
10:25:42	12.0022	5.5744	0.2047
10:25:52	11.3362	6.1338	0.213
10:26:02	11.0613	6.3087	0.213
10:26:12	11.1452	6.2195	0.213
10:26:22	11.5802	5.8683	0.2047
10:26:32	11.5326	5.9273	0.213
10:26:42	11.241	6.1718	0.213
10:26:52	11.1131	6.2605	0.219
10:27:02	11.0387	6.3212	0.213
10:27:12	11.0845	6.2962	0.2047
10:27:22	11.1684	6.2391	0.2029
10:27:32	11.2065	6.2123	0.2047
10:27:42	11.2083	6.2034	0.2047
10:27:52	11.2714	6.1588	0.2059
10:28:02	11.2981	6.151	0.2047
10:28:12	11.3285	6.1302	0.2207
10:28:22	11.363	6.0808	0.2047
10:28:32	11.7653	5.7368	0.1993
10:28:42	12.286	5.3256	0.191
10:28:52	12.4747	5.2286	0.2047
10:29:02	12.042	5.5666	0.213
10:29:12	11.5707	5.9409	0.213
10:29:22	11.4011	6.0772	0.213
10:29:32	11.5136	5.9874	0.2047
10:29:42	11.6373	5.9207	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:29:52	11.729	5.8469	0.2047
10:30:02	12.0611	5.5827	0.1969
10:30:12	12.4122	5.3351	0.1969
10:30:22	12.7074	5.1411	0.1969
10:30:32	12.9502	4.9959	0.1969
10:30:42	12.6008	5.2441	0.1969
10:30:52	12.5437	5.2869	0.1969
10:31:02	12.7478	5.1733	0.1969
10:31:12	12.921	5.0673	0.1969
10:31:22	13.2626	4.8346	0.1922
10:31:32	13.7702	4.4645	0.1898
10:31:42	13.9458	4.3675	0.188
10:31:52	13.3352	4.8162	0.191
10:32:02	12.824	5.1435	0.2029
10:32:12	12.6978	5.1953	0.1981
10:32:22	12.8734	5.0691	0.1981
10:32:32	12.9859	4.9929	0.1969
10:32:42	13.1995	4.8299	0.1969
10:32:52	12.9823	4.9941	0.213
10:33:02	12.658	5.2	0.2047
10:33:12	12.6104	5.2125	0.2047
10:33:22	12.8603	5.028	0.1969
10:33:32	12.9287	4.9709	0.1969
10:33:42	12.9787	4.931	0.1898
10:33:52	13.0585	4.8876	0.1946
10:34:02	12.6925	5.1256	0.2047
10:34:12	12.4366	5.2828	0.2029
10:34:22	12.414	5.2899	0.1898
10:34:32	12.2116	5.4405	0.1981
10:34:42	12.0837	5.5303	0.2047
10:34:52	12.2348	5.4113	0.213
10:35:02	12.2878	5.3756	0.213
10:35:12	12.2348	5.3964	0.1957
10:35:22	12.4235	5.2595	0.2029
10:35:32	12.1735	5.4559	0.213
10:35:42	11.9998	5.5875	0.213
10:35:52	12.1563	5.4458	0.2047
10:36:02	12.3646	5.2905	0.1969
10:36:12	12.4425	5.2405	0.2047
10:36:22	12.58	5.1352	0.1969
10:36:32	12.7782	5.0215	0.1969
10:36:42	12.6121	5.1512	0.1969
10:36:52	12.1277	5.4928	0.2047
10:37:02	11.5766	5.9392	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:37:12	11.3916	6.0475	0.2047
10:37:22	11.7558	5.7452	0.2005
10:37:32	12.311	5.3083	0.1969
10:37:42	12.5895	5.1435	0.1898
10:37:52	12.4842	5.2256	0.1969
10:38:02	12.1581	5.4476	0.1969
10:38:12	11.6296	5.8767	0.1969
10:38:22	11.4505	6.007	0.1969
10:38:32	11.5421	5.9362	0.1773
10:38:42	11.3535	6.0957	0.1743
10:38:52	11.6243	5.863	0.1898
10:39:02	12.0188	5.5577	0.1821
10:39:12	11.9426	5.6571	0.1868
10:39:22	11.6546	5.9017	0.2029
10:39:32	11.4505	6.0653	0.1934
10:39:42	11.7236	5.8261	0.1898
10:39:52	11.9885	5.6315	0.1898
<b>End Run 3A</b>	<b>12.29256</b>	<b>5.377501</b>	<b>0.209964</b>
10:40:02	12.0188	5.6005	0.1821
10:40:12	12.2348	5.4149	0.1743
10:40:22	12.3622	5.3113	0.1821
10:40:32	12.6717	5.1149	0.1821
10:40:42	12.818	5.0334	0.1898
10:40:52	12.3164	5.3821	0.1898
10:41:02	11.7236	5.8439	0.1821
10:41:12	11.588	5.9356	0.1821
10:41:22	11.6546	5.8791	0.1969
10:41:32	11.8189	5.7571	0.2047
10:41:42	12.1408	5.5137	1.0426
10:41:52	9.6747	3.6593	1.9858
10:42:02	0.3933	0.3142	0.0446
10:42:12	0.2154	0.2124	0.0023
10:42:22	0.1583	0.1654	-0.0114
10:42:32	0.1166	0.1321	-0.0215
10:42:42	0.0934	0.1154	-0.034
10:42:52	0.0761	0.1041	-0.0399
10:43:02	0.0571	0.0785	-0.05
<b>Zero Bias</b>	<b>0.075533</b>	<b>0.099333</b>	<b>-0.0413</b>
10:43:12	0.0553	0.0702	-0.0459
10:43:22	6.8937	2.5631	0.2689
10:43:32	7.1913	6.0421	0.0148
10:43:42	9.8044	9.5551	-0.0114

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
10:43:52	9.8901	9.6925	-0.0114
10:44:02	9.9187	9.7526	-0.0114
10:44:12	9.9401	9.7883	-0.0137
10:44:22	9.955	9.8086	-0.034
10:44:32	9.9627	9.8264	-0.034
10:44:42	9.9704	9.8371	-0.034
<b>O2/CO2 Bias</b>	<b>9.9627</b>	<b>9.824033</b>	<b>-0.034</b>
10:44:52	9.9722	9.8455	-0.05
10:45:02	9.974	9.8502	0.0755
10:45:12	11.3285	6.47	0.5302
10:45:22	11.4523	6.1546	0.4338
10:45:32	11.5023	6.0504	0.3695
10:45:42	11.7885	5.7737	0.3171
10:45:52	12.1509	5.4857	0.2886
10:46:02	12.2652	5.3905	0.2553
10:46:12	12.5134	5.203	0.2451
10:46:22	12.6502	5.1161	0.2368
10:46:32	12.7532	5.0524	0.2291
10:46:42	12.3664	5.3226	0.2243
10:46:52	11.9563	5.6416	0.2291
10:47:02	11.8474	5.7184	0.2207
10:47:12	11.9391	5.6368	0.2207
10:47:22	12.1795	5.4369	0.2118
10:47:32	12.3354	5.3351	0.2047
10:47:42	12.1372	5.5029	0.213
10:47:52	12.1313	5.4934	0.2047
10:48:02	12.0629	5.5625	0.1981
10:48:12	11.8016	5.7797	0.2029
10:48:22	11.7808	5.7749	0.2082
10:48:32	12.2479	5.3762	0.1969
10:48:42	12.599	5.1625	0.1898
10:48:52	12.1926	5.4678	0.1969
10:49:02	11.6969	5.841	0.2047
10:49:12	11.7385	5.794	0.1969
10:49:22	11.8189	5.744	0.1969
10:49:32	12.0974	5.5089	0.1922
10:49:42	12.3664	5.3244	0.1993
10:49:52	12.0765	5.5797	0.2047
<b>Start Run 4A</b>			
10:50:02	12.2057	5.4357	0.2029
10:50:12	12.4866	5.2524	0.1898
10:50:22	11.998	5.6333	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:50:32	11.6701	5.8588	0.2047
10:50:42	11.8016	5.7315	0.2047
10:50:52	11.7998	5.7553	0.188
10:51:02	12.0248	5.5607	0.1821
10:51:12	12.2152	5.4309	0.1898
10:51:22	12.1087	5.5196	0.1969
10:51:32	12.1027	5.5119	0.1898
10:51:42	12.1658	5.4476	0.1898
10:51:52	12.1849	5.4369	0.191
10:52:02	12.2212	5.3934	0.1898
10:52:12	12.3092	5.3202	0.1898
10:52:22	12.1146	5.4952	0.1898
10:52:32	11.685	5.8392	0.1898
10:52:42	11.6147	5.8707	0.1969
10:52:52	11.7403	5.7767	0.2047
10:53:02	11.7385	5.791	0.2047
10:53:12	11.8683	5.694	0.1969
10:53:22	11.9581	5.6339	0.2047
10:53:32	11.6814	5.8606	0.2047
10:53:42	11.7522	5.766	0.213
10:53:52	12.12	5.4541	0.2047
10:54:02	11.9944	5.5714	0.1922
10:54:12	11.7826	5.7237	0.1821
10:54:22	11.5534	5.913	0.1821
10:54:32	11.4487	5.9749	0.1856
10:54:42	11.6106	5.8332	0.1821
10:54:52	11.8337	5.6577	0.1868
10:55:02	11.876	5.641	0.1969
10:55:12	11.5707	5.8898	0.1821
10:55:22	11.3207	6.0719	0.1821
10:55:32	11.4564	5.9362	0.1821
10:55:42	11.6778	5.7922	0.1797
10:55:52	11.5005	5.9445	0.1743
10:56:02	11.5213	5.9177	0.1821
10:56:12	11.5136	5.9386	0.1898
10:56:22	11.7808	5.7178	0.1821
10:56:32	12.1051	5.4595	0.1821
10:56:42	12.2878	5.3244	0.1821
10:56:52	12.4675	5.2054	0.1898
10:57:02	12.5247	5.1917	0.1898
10:57:12	12.0932	5.5166	0.1898
10:57:22	11.6564	5.8588	0.1898
10:57:32	11.382	6.0588	0.1898
10:57:42	11.5939	5.8666	0.1821

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:57:52	12.0248	5.5053	0.1821
10:58:02	12.2098	5.3708	0.1821
10:58:12	11.9807	5.591	0.1898
10:58:22	11.3856	6.0737	0.1969
10:58:32	11.0672	6.3171	0.1969
10:58:42	11.0595	6.3177	0.1821
10:58:52	11.222	6.2052	0.1844
10:59:02	11.3666	6.0856	0.1898
10:59:12	11.607	5.8981	0.1898
10:59:22	11.4374	6.0445	0.1898
10:59:32	11.4868	5.9802	0.1957
10:59:42	11.6546	5.8558	0.1898
10:59:52	11.6891	5.8237	0.1821
11:00:02	11.6796	5.8362	0.1898
11:00:12	11.6546	5.8606	0.1898
11:00:22	11.4047	6.0713	0.1821
11:00:32	11.2255	6.1808	0.1969
11:00:42	11.5957	5.8624	0.1969
11:00:52	11.7445	5.7577	0.2047
11:01:02	11.6754	5.8112	0.1898
11:01:12	11.6201	5.8791	0.1773
11:01:22	11.2904	6.1718	0.1898
11:01:32	11.0613	6.3307	0.1898
11:01:42	11.1624	6.2278	0.1868
11:01:52	11.7195	5.788	0.1821
11:02:02	11.8665	5.7071	0.1821
11:02:12	12.0057	5.6041	0.1821
11:02:22	12.1813	5.4708	0.1844
11:02:32	11.8433	5.766	0.1898
11:02:42	11.7635	5.7975	0.2047
11:02:52	11.8147	5.7612	0.1957
11:03:02	11.8302	5.7344	0.1969
11:03:12	11.9468	5.6452	0.1898
11:03:22	11.6296	5.9237	0.1898
11:03:32	11.5534	5.9778	0.1898
11:03:42	11.5862	5.9493	0.1821
11:03:52	11.7748	5.8035	0.1821
11:04:02	11.6528	5.9035	0.1821
11:04:12	11.6623	5.8844	0.1898
11:04:22	11.7998	5.7886	0.1898
11:04:32	11.7498	5.8428	0.1821
11:04:42	11.8724	5.7285	0.1898
11:04:52	12.3527	5.3357	0.1821
11:05:02	12.6693	5.1298	0.1898



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:05:12	12.5514	5.2298	0.1898
11:05:22	12.2116	5.4774	0.1969
11:05:32	12.0724	5.5982	0.1969
11:05:42	12.1622	5.5053	0.1969
11:05:52	12.5681	5.2066	0.1969
11:06:02	12.6961	5.1358	0.1969
11:06:12	12.2229	5.4791	0.1969
11:06:22	11.6338	5.9398	0.2047
11:06:32	11.4755	6.0397	0.2047
11:06:42	11.5457	5.9909	0.2047
11:06:52	11.479	6.0385	0.2047
11:07:02	11.6052	5.9332	0.2047
11:07:12	11.8397	5.7463	0.1969
11:07:22	12.1408	5.4976	0.1969
11:07:32	12.242	5.4303	0.1969
11:07:42	12.1313	5.5369	0.1969
11:07:52	11.87	5.738	0.1969
11:08:02	11.9754	5.6345	0.1957
11:08:12	12.3664	5.3197	0.1898
11:08:22	12.6883	5.1114	0.1898
11:08:32	12.8984	4.9632	0.1868
11:08:42	12.921	4.9632	0.1898
11:08:52	12.3717	5.3441	0.1969
11:09:02	11.8433	5.7577	0.1898
11:09:12	11.9617	5.6386	0.1898
11:09:22	12.2098	5.4518	0.1821
11:09:32	12.4158	5.2935	0.188
11:09:42	12.8466	5.0269	0.1761
11:09:52	12.6925	5.15	0.1922
11:10:02	12.1527	5.5381	0.1922
11:10:12	11.651	5.9279	0.2047
11:10:22	11.51	6.0165	0.2047
11:10:32	11.5689	5.9576	0.1969
11:10:42	11.7593	5.8094	0.1969
11:10:52	11.7843	5.8029	0.2047
11:11:02	11.6034	5.9653	0.2047
11:11:12	11.4124	6.1022	0.1957
11:11:22	11.3154	6.1718	0.1844
11:11:32	11.5195	6.0005	0.1821
11:11:42	11.87	5.7196	0.1969
11:11:52	12.0783	5.5684	0.1969
11:12:02	12.4616	5.272	0.1969
11:12:12	12.8776	4.9959	0.1969
11:12:22	12.971	4.9465	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:12:32	12.9424	4.9602	0.1969
11:12:42	12.7383	5.1042	0.1922
11:12:52	12.3414	5.3649	0.2047
11:13:02	12.1087	5.5577	0.2047
11:13:12	12.0075	5.6357	0.1969
11:13:22	12.0896	5.5613	0.2029
11:13:32	12.145	5.5244	0.1809
11:13:42	11.9081	5.7303	0.1684
11:13:52	11.8819	5.7303	0.1821
11:14:02	12.3836	5.3119	0.1743
11:14:12	12.805	5.0417	0.1743
11:14:22	12.7193	5.1245	0.1761
11:14:32	12.2652	5.444	0.1832
11:14:42	12.1866	5.4815	0.1898
11:14:52	12.0152	5.6493	0.1898
11:15:02	11.5749	5.9987	0.188
11:15:12	11.4314	6.085	0.1821
11:15:22	11.601	5.9558	0.1743
11:15:32	11.895	5.7112	0.166
11:15:42	12.0837	5.5767	0.1583
11:15:52	12.3318	5.3661	0.16
11:16:02	12.1313	5.5595	0.1821
11:16:12	11.8302	5.7934	0.1898
11:16:22	11.8456	5.7666	0.1821
11:16:32	11.9028	5.7065	0.1898
11:16:42	12.0456	5.5821	0.1898
11:16:52	11.6778	5.8868	0.1821
11:17:02	11.4297	6.0606	0.1821
11:17:12	11.4451	6.0409	0.1821
11:17:22	11.2636	6.1843	0.1898
11:17:32	11.1797	6.2439	0.1898
11:17:42	11.2749	6.1629	0.1821
11:17:52	11.4642	6.0171	0.1821
11:18:02	11.6909	5.8303	0.1821
11:18:12	11.9867	5.5946	0.1797
11:18:22	11.9081	5.6559	0.1898
11:18:32	11.5439	5.9427	0.1898
11:18:42	11.2714	6.1427	0.1946
11:18:52	11.2464	6.1695	0.1898
11:19:02	11.5023	5.9534	0.1946
11:19:12	12.0932	5.466	0.1898
11:19:22	12.5151	5.1762	0.1868
11:19:32	12.5877	5.1381	0.1898
11:19:42	12.3051	5.3387	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:19:52	12.1122	5.5006	0.1898
11:20:02	12.189	5.4172	0.1898
11:20:12	12.3854	5.2655	0.188
11:20:22	12.2289	5.3881	0.1821
11:20:32	11.7956	5.7416	0.1821
11:20:42	11.7272	5.7844	0.1821
11:20:52	11.8129	5.7356	0.1821
11:21:02	11.601	5.9219	0.1797
11:21:12	11.4374	6.0445	0.1821
11:21:22	11.4505	6.0171	0.1821
11:21:32	11.6737	5.8279	0.1761
11:21:42	11.876	5.6839	0.1821
11:21:52	12.2057	5.4095	0.1797
11:22:02	12.2938	5.3542	0.1821
11:22:12	12.1122	5.5065	0.1821
11:22:22	11.626	5.9088	0.1821
11:22:32	11.216	6.1986	0.1898
11:22:42	11.0863	6.2897	0.1898
11:22:52	11.26	6.1546	0.1821
11:23:02	11.92	5.6154	0.1743
11:23:12	12.3545	5.2851	0.1761
11:23:22	12.6467	5.103	0.1821
11:23:32	12.5014	5.1971	0.1743
11:23:42	12.5973	5.1233	0.1684
11:23:52	12.6621	5.1215	0.1743
11:24:02	12.5645	5.203	0.1761
11:24:12	12.3741	5.3381	0.1821
11:24:22	12.2253	5.4506	0.1773
11:24:32	12.5723	5.1923	0.1743
11:24:42	12.9043	4.984	0.1743
11:24:52	13.1466	4.8067	0.1743
11:25:02	13.1692	4.8049	0.1809
11:25:12	12.946	4.9489	0.1797
11:25:22	12.4122	5.3036	0.1821
11:25:32	12.0629	5.5559	0.1832
11:25:42	12.2325	5.4012	0.1821
11:25:52	12.3622	5.3113	0.1761
11:26:02	12.3283	5.3441	0.1898
11:26:12	12.4407	5.2673	0.188
11:26:22	12.3872	5.3161	0.1821
11:26:32	12.4027	5.2917	0.1797
11:26:42	12.5663	5.1828	0.1761
11:26:52	12.292	5.3774	0.1821
11:27:02	12.3545	5.3202	0.1821

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:27:12	12.6139	5.153	0.1868
11:27:22	12.1866	5.4982	0.1898
11:27:32	11.6469	5.9344	0.1898
11:27:42	11.6891	5.866	0.1821
11:27:52	12.0593	5.5607	0.166
11:28:02	12.5723	5.1935	0.1648
11:28:12	12.746	5.0917	0.1511
11:28:22	12.5134	5.2393	0.1672
11:28:32	12.2057	5.4655	0.1743
11:28:42	11.7141	5.8725	0.1743
11:28:52	11.4064	6.1177	0.1743
11:29:02	11.4332	6.0796	0.1821
11:29:12	11.6338	5.9112	0.1743
11:29:22	11.9218	5.691	0.1743
11:29:32	11.9962	5.6327	0.1743
11:29:42	12.0706	5.5678	0.1743
11:29:52	12.2634	5.4172	0.166
11:30:02	12.1622	5.5012	0.166
11:30:12	11.8361	5.7785	0.1743
11:30:22	11.7921	5.7987	0.1672
11:30:32	12.2307	5.4411	0.1672
11:30:42	12.7722	5.0763	0.1672
11:30:52	12.9954	4.9489	0.166
11:31:02	12.7746	5.1001	0.1719
11:31:12	12.8163	5.062	0.1743
11:31:22	12.8145	5.0655	0.1797
11:31:32	12.5378	5.2494	0.1743
11:31:42	12.2384	5.4446	0.1743
11:31:52	12.0974	5.5339	0.1743
11:32:02	12.2444	5.3893	0.1719
11:32:12	12.1813	5.4607	0.1743
11:32:22	11.9159	5.6684	0.1821
11:32:32	11.9694	5.647	0.1898
11:32:42	12.0974	5.5422	0.1898
11:32:52	11.992	5.6172	0.1898
11:33:02	12.1962	5.4327	0.1898
11:33:12	12.1985	5.4351	0.188
11:33:22	12.0551	5.5666	0.166
11:33:32	11.9504	5.6583	0.166
11:33:42	11.8224	5.7582	0.1696
11:33:52	12.1408	5.4732	0.166
11:34:02	12.2497	5.4	0.1797
11:34:12	12.1069	5.519	0.1898
11:34:22	11.8415	5.7225	0.1797

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:34:32	12.0724	5.5143	0.166
11:34:42	12.1009	5.5137	0.1821
11:34:52	11.9141	5.663	0.1821
11:35:02	11.9599	5.5875	0.1672
11:35:12	12.2229	5.3845	0.166
11:35:22	11.8605	5.7112	0.1749
11:35:32	11.4183	6.0558	0.1743
11:35:42	11.2481	6.1855	0.1743
11:35:52	11.3017	6.1469	0.1743
11:36:02	11.2922	6.1582	0.1594
11:36:12	11.5939	5.907	0.16
11:36:22	12.0861	5.4964	0.166
11:36:32	12.3931	5.2822	0.166
11:36:42	12.2021	5.4494	0.166
11:36:52	11.7349	5.8279	0.1749
11:37:02	11.3874	6.0951	0.1743
11:37:12	11.3398	6.1254	0.1749
11:37:22	11.5802	5.9332	0.1749
11:37:32	11.9063	5.641	0.1743
11:37:42	12.2973	5.3226	0.1761
11:37:52	12.511	5.1929	0.1898
11:38:02	12.4288	5.2685	0.1844
11:38:12	11.9426	5.647	0.1821
11:38:22	11.7403	5.7898	0.1743
11:38:32	11.632	5.8773	0.1821
11:38:42	11.8724	5.6589	0.1821
11:38:52	12.3854	5.2673	0.1821
11:39:02	12.6008	5.1489	0.1898
11:39:12	12.5663	5.1637	0.1821
11:39:22	12.3283	5.3149	0.1821
11:39:32	11.9885	5.5744	0.1821
11:39:42	11.7921	5.7362	0.1821
11:39:52	11.9331	5.5988	0.1821
11:40:02	12.1087	5.4595	0.1922
11:40:12	12.0664	5.5	0.1922
11:40:22	11.6338	5.8535	0.191
11:40:32	11.3344	6.0939	0.1898
11:40:42	11.4713	5.9802	0.1898
11:40:52	11.832	5.6821	0.1898
11:41:02	12.2592	5.3488	0.1898
11:41:12	12.3604	5.2893	0.1969
11:41:22	12.4425	5.2304	0.1898
11:41:32	12.5895	5.1322	0.1898
11:41:42	12.6407	5.0917	0.1922

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:41:52	12.4556	5.2256	0.1821
11:42:02	12.1735	5.4309	0.1821
11:42:12	12.0646	5.5178	0.1844
11:42:22	12.1849	5.4125	0.1898
11:42:32	11.8206	5.7362	0.1898
11:42:42	11.2904	6.1558	0.1821
11:42:52	11.0577	6.3224	0.1821
11:43:02	11.2773	6.1427	0.1821
11:43:12	11.6588	5.8439	0.1898
11:43:22	11.685	5.838	0.1898
11:43:32	11.7254	5.8011	0.1898
11:43:42	11.3969	6.0719	0.1898
11:43:52	11.05	6.3278	0.1898
11:44:02	11.0042	6.351	0.1898
11:44:12	10.9774	6.3611	0.1922
11:44:22	11.1988	6.1873	0.1821
11:44:32	11.3285	6.1034	0.1743
11:44:42	11.4183	6.0207	0.166
11:44:52	12.0629	5.5041	0.1636
11:45:02	12.286	5.3583	0.166
11:45:12	11.8647	5.7196	0.1821
11:45:22	11.4642	6.0195	0.1821
11:45:32	11.5975	5.9046	0.1821
11:45:42	11.7826	5.7547	0.1898
11:45:52	11.9849	5.5851	0.1821
11:46:02	11.9081	5.6839	0.188
11:46:12	11.5957	5.9183	0.1743
11:46:22	11.632	5.8689	0.1821
11:46:32	11.9998	5.5583	0.1821
11:46:42	12.2325	5.3613	0.1743
11:46:52	12.3568	5.2875	0.1797
11:47:02	11.9563	5.6208	0.1898
11:47:12	11.5421	5.9374	0.1898
11:47:22	11.7213	5.7767	0.1969
11:47:32	11.729	5.7743	0.1969
11:47:42	11.4505	6.0016	0.1898
11:47:52	11.216	6.1832	0.1898
11:48:02	11.0214	6.3397	0.1856
11:48:12	11.1285	6.2427	0.1773
11:48:22	11.4523	5.9856	0.1821
11:48:32	11.6373	5.8451	0.1821
11:48:42	11.7653	5.7582	0.1785
11:48:52	11.7254	5.7975	0.1821
11:49:02	12.0956	5.4922	0.1743

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:49:12	12.4027	5.2744	0.1761
11:49:22	12.4806	5.225	0.1898
11:49:32	12.3318	5.3244	0.1821
11:49:42	11.7939	5.7743	0.1844
11:49:52	11.344	6.126	0.1821
11:50:02	11.1624	6.2564	0.1743
11:50:12	11.1398	6.2617	0.1785
11:50:22	11.1684	6.2397	0.1821
11:50:32	11.5171	5.9576	0.1898
11:50:42	11.9349	5.6208	0.1761
11:50:52	12.1485	5.4595	0.166
11:51:02	11.876	5.7089	0.166
11:51:12	11.6356	5.9058	0.166
11:51:22	11.2315	6.2201	0.1743
11:51:32	11.0881	6.3087	0.1743
11:51:42	11.504	5.985	0.1821
11:51:52	11.7903	5.7713	0.1821
11:52:02	11.9331	5.6624	0.1821
11:52:12	11.6165	5.9445	0.1898
11:52:22	11.2291	6.2308	0.1969
11:52:32	11.2618	6.1873	0.1743
11:52:42	11.3934	6.0844	0.1743
11:52:52	11.6397	5.8981	0.1743
11:53:02	11.7861	5.7904	0.1821
11:53:12	12.1009	5.5416	0.1743
11:53:22	11.992	5.6624	0.16
11:53:32	11.901	5.7237	0.166
11:53:42	12.2878	5.3893	0.166
11:53:52	12.408	5.3316	0.1743
11:54:02	12.1337	5.5506	0.1743
11:54:12	12.0629	5.5946	0.1743
11:54:22	12.0569	5.6172	0.1594
11:54:32	12.2194	5.4881	0.16
11:54:42	12.4027	5.3476	0.1821
11:54:52	12.5437	5.2637	0.1821
<b>End Run 4B</b>	<b>11.93219</b>	<b>5.658237</b>	<b>0.184197</b>
11:55:02	12.5568	5.2512	0.1743
11:55:12	12.4556	5.328	0.1785
11:55:22	12.189	5.5529	0.1719
11:55:32	12.2081	5.522	0.1636
11:55:42	12.4556	5.3191	0.166
11:55:52	12.5473	5.2625	0.1719
11:56:02	12.4824	5.2982	0.1773

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
11:56:12	12.3414	5.3982	0.3826
11:56:22	16.0305	1.0997	1.3449
11:56:32	0.5302	0.2505	0.0642
11:56:42	0.2559	0.1761	-0.0036
11:56:52	0.1832	0.135	-0.0274
11:57:02	0.1469	0.113	-0.0423
11:57:12	0.1184	0.0976	-0.05
11:57:22	0.0976	0.0862	-0.0572
11:57:32	0.0761	0.091	-0.0114
11:57:42	0.0595	0.088	-0.0036
11:57:52	0.0535	0.0833	0.0047
11:58:02	0.0422	0.0773	0.0083
<b>Zero Bias</b>	<b>0.051733</b>	<b>0.082867</b>	<b>0.003133</b>
11:58:12	0.0345	0.0708	0.0505
11:58:22	10.6989	4.3568	0.4647
11:58:32	8.2845	8.4351	0.0857
11:58:42	9.8615	9.6681	0.0446
11:58:52	9.9169	9.7633	0.0345
11:59:02	9.9401	9.802	0.0184
11:59:12	9.9514	9.8258	0.0232
11:59:22	9.9472	9.8359	0.0184
11:59:32	9.9609	9.8538	0.0184
11:59:42	9.9609	9.8627	0.0196
11:59:52	9.9645	9.8687	0.0196
<b>O2/CO2 Bias</b>	<b>9.9621</b>	<b>9.861733</b>	<b>0.0192</b>
12:00:02	9.9764	9.874	0.0196
12:00:12	10.5179	7.6293	0.3457
12:00:22	11.1434	6.2855	0.4005
12:00:32	10.9315	6.708	0.3088
12:00:42	10.8822	6.8092	1.2979
12:00:52	19.559	0.4564	18.3027
12:01:02	20.341	0.2719	22.9765
12:01:12	20.4442	0.1832	24.0843
12:01:22	20.4634	0.1541	24.3396
12:01:32	20.5147	0.1178	24.463
12:01:42	20.5182	0.11	24.534
12:01:52	20.5339	0.0946	24.5979
12:02:02	20.5359	0.0916	24.6276
12:02:12	20.547	0.0803	24.6553
12:02:22	20.5359	0.0904	24.6735
12:02:32	20.5585	0.0642	24.6815
<b>THC Span Bias 24.7</b>	<b>20.54713</b>	<b>0.0783</b>	<b>24.6701</b>



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:02:42	20.5681	0.0559	24.6735
12:02:52	20.5565	0.0618	22.758
12:03:02	16.3244	2.5375	11.651
12:03:12	20.3697	0.1166	14.9331
12:03:22	20.4669	0.0797	14.9093
12:03:32	20.4785	0.0678	14.9652
12:03:42	20.4936	0.0559	14.9825
12:03:52	20.4996	0.0529	15.0051
12:04:02	20.5011	0.0505	15.0283
12:04:12	20.4956	0.0559	15.0283
12:04:22	20.5072	0.0464	15.0307
<b>THC Mid Bias 14.8</b>	<b>20.5013</b>	<b>0.050933</b>	<b>15.0291</b>
12:04:32	20.4996	0.0446	14.4124
12:04:42	13.5358	4.8697	6.1367
12:04:52	20.3642	0.1285	8.7154
12:05:02	20.5585	0.072	8.4684
12:05:12	20.5701	0.0553	8.5208
12:05:22	20.5777	0.0476	8.5368
12:05:32	20.5812	0.0458	8.5505
12:05:42	20.5832	0.0446	8.5428
12:05:52	20.5852	0.0434	8.5446
12:06:02	20.5908	0.0446	8.5446
<b>THC Low Bias 8.43</b>	<b>20.5864</b>	<b>0.0442</b>	<b>8.544</b>
12:06:12	20.5908	0.0446	8.5606
12:06:22	20.5661	0.0571	7.177
12:06:32	13.3179	4.7513	0.9968
12:06:42	12.7437	4.9013	0.4635
12:06:52	12.5818	4.9906	0.413
12:07:02	12.6044	4.9763	0.379
13:13:02	16.309	2.459	1.5954
13:13:12	1.6407	0.2136	0.2612
13:13:22	0.1624	0.1124	0.0321
13:13:32	0.0934	0.0862	0.0023
13:13:42	0.0571	0.0708	-0.0125
13:13:52	0.0404	0.0618	-0.0114
13:14:02	0.0363	0.0583	-0.0114
13:14:12	0.0267	0.0517	-0.0114
<b>Zero Bias</b>	<b>0.034467</b>	<b>0.057267</b>	<b>-0.0114</b>
13:14:22	0.0172	0.0511	-0.0191

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
13:14:32	8.1696	4.3383	0.2666
13:14:42	11.1244	0.3636	5.791
13:14:52	19.8642	0.0827	14.3005
13:15:02	20.1925	0.0595	14.7319
13:15:12	20.2514	0.0505	14.795
13:15:22	20.2876	0.0452	14.826
13:15:32	20.3088	0.0422	14.8557
13:15:42	20.3163	0.0404	14.8712
13:15:52	20.3163	0.0392	14.8872
13:16:02	20.3355	0.038	14.8956
<b>THC Mid Bias</b>	<b>20.3227</b>	<b>0.0392</b>	<b>14.88467</b>
13:16:12	20.341	0.0374	14.9021
13:16:22	19.9633	0.2832	11.8718
13:16:32	12.6693	5.2524	1.2027
13:16:42	12.267	5.4333	0.3939
13:16:52	11.9373	5.7041	0.3356
13:17:02	11.8189	5.8047	0.2933
13:17:12	11.8052	5.8017	0.2749
13:17:22	11.8534	5.791	0.2541
13:17:32	11.9426	5.7219	0.2344
13:17:42	11.9409	5.6868	0.2267
13:17:52	11.7445	5.8856	0.2166
13:18:02	11.6373	5.9368	0.213
13:18:12	11.7177	5.866	0.213
13:18:22	11.7808	5.81	0.1969
13:18:32	11.8605	5.769	0.2047
13:18:42	11.7159	5.9165	0.2047
13:18:52	11.5671	6.0255	0.2047
13:19:02	11.601	5.9844	0.2047
13:19:12	11.7635	5.8362	0.2047
13:19:22	11.876	5.7785	0.2082
13:19:32	11.9159	5.7904	0.1969
13:19:42	11.7254	5.9427	0.1969
13:19:52	11.7004	5.9427	0.1993
13:20:02	11.8129	5.8469	0.2029
13:20:12	11.8629	5.8094	0.1993
13:20:22	11.8932	5.7797	0.2047
13:20:32	12.017	5.691	0.2041
13:20:42	11.7939	5.9165	0.1969
13:20:52	11.632	6.0141	0.2047
13:21:02	11.7117	5.9183	0.2047
13:21:12	12.0515	5.6505	0.2047
13:21:22	12.2152	5.5714	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:21:32	12.2081	5.5964	0.1969
13:21:42	12.1355	5.6868	0.1898
13:21:52	12.0861	5.7219	0.1969
13:22:02	12.0837	5.71	0.1969
13:22:12	12.0837	5.7112	0.1969
13:22:22	12.1908	5.6232	0.1969
13:22:32	12.2688	5.575	0.1969
13:22:42	12.3259	5.522	0.2047
13:22:52	12.3741	5.4797	0.1969
13:23:02	12.4675	5.3827	0.2047
13:23:12	12.6121	5.2905	0.2047
13:23:22	12.8014	5.1738	0.2071
13:23:32	12.9573	5.1006	0.213
13:23:42	12.7437	5.2762	0.2106
13:23:52	12.6389	5.3125	0.2071
13:24:02	12.8395	5.1619	0.2047
13:24:12	13.118	4.9715	0.2029
13:24:22	13.2477	4.8918	0.1969
13:24:32	13.1614	4.984	0.1969
13:24:42	12.7722	5.2595	0.2047
13:24:52	12.6693	5.3	0.2047
13:25:02	12.5973	5.3786	0.2047
13:25:12	12.5491	5.3964	0.2047
13:25:22	12.8924	5.1298	0.2047
13:25:32	13.1293	5.0013	0.1969
13:25:42	12.868	5.1929	0.2047
13:25:52	12.5074	5.4167	0.2047
13:26:02	12.3354	5.5369	0.1969
13:26:12	12.3241	5.5571	0.2047
13:26:22	12.2973	5.5785	0.2047
13:26:32	12.3146	5.5625	0.2047
13:26:42	12.3812	5.4791	0.2047
13:26:52	12.3068	5.5517	0.2047
13:27:02	12.1581	5.6333	0.2047
13:27:12	12.3646	5.4018	0.1993
13:27:22	12.2938	5.5202	0.213
13:27:32	11.9998	5.76	0.2207
13:27:42	11.8534	5.8654	0.213
13:27:52	11.7593	5.9195	0.2047
13:28:02	11.6969	5.9475	0.213
13:28:12	11.5802	6.0338	0.2047
13:28:22	11.485	6.0856	0.213
13:28:32	11.5136	6.0618	0.2207
13:28:42	11.5594	6.0302	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:28:52	11.5344	6.0588	0.2207
13:29:02	11.6373	5.9207	0.2059
13:29:12	11.7808	5.838	0.1969
13:29:22	11.504	6.076	0.1898
13:29:32	11.3362	6.1933	0.2047
13:29:42	11.3761	6.1403	0.2047
13:29:52	11.4695	6.0713	0.2047
13:30:02	11.3898	6.1522	0.2047
13:30:12	11.2047	6.2885	0.2106
13:30:22	11.1738	6.2903	0.2082
13:30:32	11.3094	6.1855	0.2047
13:30:42	11.5362	5.9909	0.2005
13:30:52	11.9504	5.6327	0.2047
13:31:02	12.4806	5.2411	0.2106
13:31:12	12.5836	5.203	0.1898
13:31:22	12.6544	5.1465	0.2047
13:31:32	12.7746	5.0763	0.2047
13:31:42	12.3545	5.4309	0.2154
13:31:52	11.8397	5.8398	0.213
13:32:02	11.6945	5.9177	0.2082
13:32:12	11.6493	5.9689	0.2047
13:32:22	11.2672	6.2671	0.2047
13:32:32	11.0654	6.3968	0.2047
13:32:42	11.1476	6.2831	0.213
13:32:52	11.5844	5.929	0.2047
13:33:02	11.6147	5.979	0.1898
13:33:12	11.3951	6.1385	0.191
13:33:22	11.3969	6.1361	0.1898
13:33:32	11.3321	6.2373	0.2005
13:33:42	11.2446	6.3153	0.1969
13:33:52	11.2333	6.3075	0.1981
13:34:02	11.6641	5.9445	0.2047
13:34:12	12.0611	5.6636	0.2047
13:34:22	12.4634	5.3667	0.1969
13:34:32	12.7722	5.1828	0.1969
13:34:42	12.8526	5.1679	0.1981
13:34:52	12.6199	5.3381	0.1981
<b>Start Run 3B</b>			
13:35:02	12.5169	5.4089	0.2047
13:35:12	12.6199	5.322	0.1981
13:35:22	12.746	5.2554	0.2047
13:35:32	12.805	5.2006	0.2047
13:35:42	13.0073	5.0626	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:35:52	12.9061	5.1637	0.2207
13:36:02	12.7074	5.3006	0.2207
13:36:12	12.4937	5.4488	0.213
13:36:22	12.3759	5.544	0.213
13:36:32	12.3586	5.541	0.213
13:36:42	12.5645	5.3494	0.2071
13:36:52	12.8544	5.1489	0.213
13:37:02	13.1466	4.9703	0.2047
13:37:12	12.927	5.1471	0.2106
13:37:22	12.8371	5.1768	0.213
13:37:32	12.8371	5.1828	0.2207
13:37:42	12.78	5.2197	0.2207
13:37:52	12.6788	5.281	0.2207
13:38:02	12.5586	5.3476	0.219
13:38:12	12.4485	5.4262	0.213
13:38:22	12.4235	5.425	0.2047
13:38:32	12.4485	5.3964	0.1969
13:38:42	12.458	5.3798	0.2047
13:38:52	12.439	5.3899	0.1969
13:39:02	12.3812	5.4309	0.1969
13:39:12	12.4348	5.3583	0.1969
13:39:22	12.4098	5.3905	0.2059
13:39:32	12.292	5.4541	0.1969
13:39:42	12.3432	5.3524	0.1922
13:39:52	12.683	5.1227	0.1993
13:40:02	12.7609	5.0935	0.213
13:40:12	12.5913	5.2054	0.213
13:40:22	12.6717	5.153	0.2047
13:40:32	12.3812	5.3744	0.213
13:40:42	12.0551	5.6005	0.213
13:40:52	11.9712	5.6553	0.213
13:41:02	12.0498	5.5666	0.2207
13:41:12	12.261	5.3845	0.2255
13:41:22	12.4521	5.2691	0.26
13:41:32	12.3414	5.3708	0.2529
13:41:42	12.2384	5.4405	0.2291
13:41:52	12.2997	5.403	0.2207
13:42:02	12.2878	5.4262	0.2207
13:42:12	12.2253	5.4637	0.2207
13:42:22	12.1277	5.5708	0.2207
13:42:32	12.2384	5.4666	0.2207
13:42:42	12.1164	5.5714	0.2291
13:42:52	11.9141	5.7142	0.2267
13:43:02	11.9867	5.6517	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:43:12	11.7576	5.8398	0.2207
13:43:22	11.6623	5.888	0.2207
13:43:32	11.8968	5.6785	0.2207
13:43:42	11.8242	5.7654	0.219
13:43:52	11.6052	5.9398	0.1969
13:44:02	12.0188	5.575	0.1981
13:44:12	12.1259	5.5059	0.2154
13:44:22	11.4808	6.0445	0.2207
13:44:32	11.0613	6.3534	0.2207
13:44:42	10.9012	6.4765	0.2207
13:44:52	10.8857	6.4801	0.2207
13:45:02	10.947	6.42	0.2231
13:45:12	11.0881	6.3147	0.2207
13:45:22	11.4314	6.0564	0.2291
13:45:32	11.4124	6.1171	0.2291
13:45:42	11.197	6.2909	0.2439
13:45:52	11.1208	6.3391	0.2267
13:46:02	11.1738	6.2956	0.2291
13:46:12	11.3571	6.1457	0.213
13:46:22	11.6201	5.9344	0.213
13:46:32	11.6719	5.8951	0.2106
13:46:42	11.8968	5.7089	0.213
13:46:52	11.6493	5.9314	0.1957
13:47:02	11.4713	6.0671	0.1981
13:47:12	11.651	5.9302	0.2047
13:47:22	11.9539	5.6964	0.2059
13:47:32	12.286	5.4232	0.1981
13:47:42	12.4098	5.35	0.2047
13:47:52	12.164	5.575	0.2059
13:48:02	12.3015	5.4553	0.2059
13:48:12	12.6467	5.2173	0.219
13:48:22	12.3092	5.4982	0.2207
13:48:32	12.0896	5.6636	0.2291
13:48:42	12.2938	5.4922	0.2291
13:48:52	12.5437	5.3167	0.2291
13:49:02	12.7496	5.1863	0.2291
13:49:12	13.0472	4.9917	0.2315
13:49:22	12.824	5.1596	0.2368
13:49:32	12.4937	5.3649	0.2451
13:49:42	12.5014	5.3583	0.2576
13:49:52	12.4729	5.372	0.2451
13:50:02	12.286	5.5309	0.2529
13:50:12	12.2348	5.5517	0.2529
13:50:22	12.6199	5.2595	0.2529

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:50:32	13.0144	5.0036	0.2439
13:50:42	12.6484	5.2732	0.2368
13:50:52	12.1122	5.6743	0.2463
13:51:02	11.8433	5.8791	0.26
13:51:12	11.8242	5.8826	0.2529
13:51:22	11.9426	5.7731	0.2463
13:51:32	12.1485	5.6124	0.2368
13:51:42	12.555	5.2899	0.2368
13:51:52	12.6865	5.2226	0.2303
13:52:02	12.4098	5.422	0.2517
13:52:12	11.9468	5.7922	0.2624
13:52:22	11.6796	5.979	0.2553
13:52:32	11.6296	6.0076	0.2451
13:52:42	11.7213	5.9338	0.2451
13:52:52	11.9522	5.7452	0.2368
13:53:02	12.3259	5.4286	0.2368
13:53:12	12.7038	5.1798	0.2416
13:53:22	12.4997	5.331	0.2451
13:53:32	12.2039	5.5815	0.2451
13:53:42	12.1545	5.6089	0.2368
13:53:52	12.292	5.4678	0.2553
13:54:02	12.5437	5.2709	0.2451
13:54:12	12.3985	5.3928	0.2451
13:54:22	12.1069	5.6386	0.238
13:54:32	11.9658	5.7279	0.2517
13:54:42	11.9391	5.7303	0.2291
13:54:52	11.9426	5.7219	0.2291
13:55:02	12.1164	5.5625	0.2451
13:55:12	12.4747	5.2839	0.2368
13:55:22	12.0057	5.6803	0.2451
13:55:32	11.7671	5.8547	0.2529
13:55:42	11.704	5.9017	0.2529
13:55:52	12.0878	5.5744	0.2439
13:56:02	12.6217	5.1905	0.2368
13:56:12	12.9043	5.0394	0.2463
13:56:22	12.4027	5.4089	0.2517
13:56:32	11.8796	5.8475	0.2517
13:56:42	11.6588	6.0064	0.2517
13:56:52	12.0837	5.6386	0.2439
13:57:02	12.6544	5.1953	0.2356
13:57:12	12.7288	5.1405	0.2451
13:57:22	12.6978	5.1435	0.2368
13:57:32	12.4044	5.3554	0.2356
13:57:42	11.5534	6.0576	0.26

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:57:52	11.1952	6.3069	0.2576
13:58:02	11.5136	6.0445	0.2493
13:58:12	11.9658	5.688	0.2451
13:58:22	12.2212	5.4738	0.2451
13:58:32	12.2747	5.4053	0.2439
13:58:42	12.3414	5.3441	0.2517
13:58:52	12.1313	5.525	0.2529
13:59:02	11.8224	5.7642	0.2451
13:59:12	11.7463	5.813	0.26
13:59:22	11.895	5.6964	0.2529
13:59:32	11.973	5.6416	0.2529
13:59:42	11.9902	5.6363	0.2529
13:59:52	12.0819	5.569	0.2487
14:00:02	12.2057	5.4791	0.2368
14:00:12	12.1527	5.5523	0.2392
14:00:22	12.2152	5.5089	0.2368
14:00:32	12.4538	5.3137	0.2291
14:00:42	12.5473	5.2512	0.2303
14:00:52	12.3812	5.3512	0.2368
14:01:02	12.0188	5.6386	0.2368
14:01:12	11.7903	5.7987	0.2451
14:01:22	11.6927	5.8439	0.2529
14:01:32	11.7808	5.7535	0.2529
14:01:42	11.8492	5.6934	0.2344
14:01:52	11.6945	5.8309	0.2267
14:02:02	11.4868	5.9915	0.213
14:02:12	11.5308	5.9534	0.2243
14:02:22	11.6034	5.8987	0.2207
14:02:32	11.6165	5.8767	0.2291
14:02:42	11.6909	5.8112	0.2279
14:02:52	11.7159	5.8029	0.2291
14:03:02	11.8629	5.7166	0.2207
14:03:12	11.9254	5.6898	0.2207
14:03:22	11.5552	6.007	0.2154
14:03:32	10.8899	6.5402	0.2207
14:03:42	10.5525	6.7723	0.213
14:03:52	10.6935	6.6866	0.2178
14:04:02	10.8095	6.6039	0.2303
14:04:12	10.9565	6.4914	0.2368
14:04:22	11.2083	6.2944	0.2439
14:04:32	11.3648	6.1885	0.2368
14:04:42	11.5136	6.076	0.2291
14:04:52	11.6701	5.9695	0.2439
14:05:02	11.4392	6.1671	0.2451



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:05:12	10.972	6.5212	0.2291
14:05:22	10.8554	6.5956	0.2291
14:05:32	10.9244	6.5509	0.2267
14:05:42	10.9339	6.545	0.2207
14:05:52	11.0803	6.4385	0.2368
14:06:02	11.4546	6.1832	0.2368
14:06:12	11.7463	6.01	0.2207
14:06:22	11.8629	5.9386	0.2207
14:06:32	11.9278	5.8951	0.2338
14:06:42	11.9902	5.8481	0.2368
14:06:52	12.0361	5.8041	0.2439
14:07:02	12.1718	5.691	0.2356
14:07:12	12.3283	5.6029	0.2451
14:07:22	12.0932	5.8178	0.219
14:07:32	11.9409	5.9362	0.2291
14:07:42	11.9081	5.9671	0.2291
14:07:52	11.9444	5.9386	0.2291
14:08:02	11.9539	5.9207	0.2207
14:08:12	11.9962	5.8677	0.213
14:08:22	12.0248	5.8338	0.2207
14:08:32	12.2021	5.6678	0.2231
14:08:42	12.4461	5.4571	0.2338
14:08:52	12.8204	5.1977	0.2368
14:09:02	12.6199	5.3494	0.2368
14:09:12	12.2461	5.6601	0.2344
14:09:22	12.0057	5.8553	0.2207
14:09:32	11.9599	5.8886	0.2207
14:09:42	11.9998	5.8451	0.2059
14:09:52	12.1432	5.7249	0.2082
14:10:02	12.3949	5.5053	0.2267
14:10:12	12.6943	5.2655	0.213
14:10:22	12.7288	5.2566	0.2291
14:10:32	12.6044	5.3298	0.2291
14:10:42	12.9383	5.112	0.2291
14:10:52	12.9555	5.1084	0.2291
14:11:02	12.7306	5.2625	0.2291
14:11:12	12.5378	5.3851	0.2291
14:11:22	12.7437	5.2244	0.2315
14:11:32	12.9192	5.1203	0.2368
14:11:42	12.7246	5.2488	0.2291
14:11:52	12.6199	5.3214	0.2291
14:12:02	12.4961	5.4411	0.2291
14:12:12	11.9426	5.8654	0.2392
14:12:22	11.4124	6.2212	0.2368

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:12:32	11.0387	6.4861	0.2344
14:12:42	10.781	6.6444	0.2303
14:12:52	10.6858	6.6825	0.2279
14:13:02	10.7887	6.6045	0.2291
14:13:12	11.0232	6.47	0.2279
14:13:22	11.2029	6.3361	0.2207
14:13:32	11.3916	6.198	0.2356
14:13:42	11.51	6.1022	0.2315
14:13:52	11.4886	6.1129	0.2368
14:14:02	11.5344	6.076	0.2356
14:14:12	11.5267	6.0832	0.2356
14:14:22	11.4356	6.1546	0.2356
14:14:32	11.582	6.0249	0.2279
14:14:42	11.222	6.3319	0.2368
14:14:52	10.7411	6.6801	0.2368
14:15:02	10.5864	6.7539	0.2368
14:15:12	10.6721	6.6807	0.2291
14:15:22	10.85	6.5378	0.2326
14:15:32	11.0214	6.4242	0.2291
14:15:42	10.9434	6.4873	0.2243
14:15:52	10.9798	6.4402	0.2207
14:16:02	11.2005	6.2736	0.2338
14:16:12	11.5403	6.0374	0.2291
14:16:22	11.5957	6.0237	0.2279
14:16:32	11.8873	5.8065	0.2392
14:16:42	11.8474	5.8499	0.2439
14:16:52	11.4427	6.1754	0.2368
14:17:02	11.216	6.3266	0.2368
14:17:12	11.2178	6.3069	0.2368
14:17:22	11.1589	6.3415	0.2338
14:17:32	11.2178	6.2938	0.2392
14:17:42	11.485	6.1034	0.2368
14:17:52	11.8397	5.8582	0.2291
14:18:02	12.1658	5.6083	0.2291
14:18:12	12.3836	5.4494	0.2207
14:18:22	12.3449	5.5029	0.2291
14:18:32	12.511	5.3756	0.2154
14:18:42	12.3414	5.5488	0.2291
14:18:52	12.1735	5.6993	0.2207
14:19:02	12.1849	5.71	0.2106
14:19:12	12.2229	5.7017	0.2142
14:19:22	12.3414	5.6095	0.2154
14:19:32	12.6353	5.3649	0.2207
14:19:42	12.7556	5.2988	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:19:52	12.8544	5.2411	0.2207
14:20:02	13.0757	5.1084	0.2207
14:20:12	13.3769	4.9251	0.2368
14:20:22	13.2495	5.0245	0.2368
14:20:32	13.2608	5.0132	0.2505
14:20:42	13.2245	5.0459	0.2368
14:20:52	13.0341	5.1649	0.2368
14:21:02	12.8639	5.2738	0.2368
14:21:12	12.9115	5.234	0.2291
14:21:22	13.0222	5.1756	0.2291
14:21:32	13.0109	5.1977	0.2291
14:21:42	12.9329	5.2369	0.2291
14:21:52	12.9573	5.2	0.2291
14:22:02	12.7151	5.3417	0.2368
14:22:12	12.3473	5.6291	0.2338
14:22:22	11.9962	5.9035	0.2344
14:22:32	11.8891	5.9528	0.2279
14:22:42	12.261	5.6333	0.2207
14:22:52	12.511	5.4369	0.2207
14:23:02	12.3223	5.5732	0.2291
14:23:12	12.3646	5.5089	0.2279
14:23:22	12.6675	5.2709	0.2356
14:23:32	12.6163	5.3054	0.2207
14:23:42	12.7228	5.2232	0.2303
14:23:52	12.8163	5.1494	0.2356
14:24:02	12.1277	5.6601	0.2356
14:24:12	11.4927	6.1338	0.2451
14:24:22	11.294	6.2564	0.2291
14:24:32	11.344	6.1957	0.2368
14:24:42	11.4427	6.1022	0.2315
14:24:52	11.601	5.9874	0.2291
14:25:02	11.9313	5.7118	0.2231
14:25:12	11.7921	5.8451	0.2207
14:25:22	11.479	6.082	0.2207
14:25:32	11.3666	6.1576	0.2291
14:25:42	11.5897	6.0124	0.2315
14:25:52	11.7558	5.888	0.2267
14:26:02	11.7522	5.8921	0.2368
14:26:12	11.7177	5.913	0.2368
14:26:22	11.7498	5.8725	0.2368
14:26:32	11.8016	5.8195	0.2344
14:26:42	11.626	5.9665	0.2207
14:26:52	11.6183	5.9689	0.2207
14:27:02	11.6183	5.9897	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:27:12	11.4219	6.1546	0.2279
14:27:22	11.2142	6.3147	0.2291
14:27:32	11.0482	6.4396	0.2291
14:27:42	10.9798	6.4754	0.2207
14:27:52	11.2446	6.232	0.2207
14:28:02	11.4064	6.1159	0.2207
14:28:12	11.2005	6.2694	0.2338
14:28:22	10.8935	6.4956	0.2356
14:28:32	10.562	6.7336	0.2356
14:28:42	10.537	6.7426	0.2291
14:28:52	10.7887	6.5557	0.2291
14:29:02	11.4088	6.101	0.2279
14:29:12	11.9849	5.669	0.2291
14:29:22	11.8266	5.8517	0.2356
14:29:32	11.529	6.0957	0.2439
14:29:42	11.851	5.8826	0.2368
14:29:52	12.0956	5.7291	0.2368
14:30:02	12.2575	5.6035	0.2368
14:30:12	12.4175	5.4714	0.2291
14:30:22	12.4979	5.4143	0.2291
14:30:32	12.5205	5.3952	0.2576
14:30:42	12.5836	5.3571	0.26
14:30:52	12.6121	5.3381	0.26
14:31:02	12.9347	5.103	0.2451
14:31:12	13.3751	4.8025	0.2428
14:31:22	13.7131	4.5651	0.2368
14:31:32	13.459	4.7704	0.2368
14:31:42	12.7877	5.1953	0.2368
14:31:52	12.3318	5.5089	0.2368
14:32:02	11.8474	5.8666	0.2368
14:32:12	11.7635	5.8886	0.2368
14:32:22	11.8266	5.8356	0.2368
14:32:32	12.0188	5.672	0.2368
14:32:42	11.8819	5.7636	0.2368
14:32:52	11.6683	5.8791	0.2344
14:33:02	11.3684	6.0588	0.2451
14:33:12	10.9911	6.3307	0.2368
14:33:22	10.9167	6.3778	0.2368
14:33:32	10.7352	6.5206	0.2368
14:33:42	10.8691	6.3998	0.2291
14:33:52	10.8268	6.4581	0.2291
14:34:02	10.5162	6.6813	0.2368
14:34:12	10.3519	6.786	0.2291
14:34:22	10.4055	6.7402	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:34:32	10.6667	6.539	0.2207
14:34:42	11.0196	6.2718	0.2207
14:34:52	11.5707	5.8499	0.2207
14:35:02	11.9278	5.6071	0.219
14:35:12	11.7254	5.8303	0.2207
14:35:22	11.2083	6.2391	0.2267
14:35:32	11.0482	6.3879	0.2207
14:35:42	11.1208	6.3534	0.2207
14:35:52	11.5076	6.0897	0.2207
14:36:02	11.9563	5.7588	0.2207
14:36:12	12.5282	5.3	0.213

**Start Bias Calibration**

14:36:22	12.5818	5.2905	0.2154
14:36:32	18.3576	1.2699	5.5506
14:36:42	0.7004	0.2303	0.6683
14:36:52	0.2368	0.1612	0.0642
14:37:02	0.16	0.1202	0.0321
14:37:12	0.1148	0.0964	0.0035
14:37:22	0.088	0.0815	-0.0012
14:37:32	0.0785	0.0743	-0.0036
14:37:42	0.063	0.0672	-0.0114
14:37:52	0.0499	0.0607	-0.0114

**Zero Bias**

**0.0638 0.0674 -0.0088**

14:38:02	0.044	0.0559	-0.0274
14:38:12	4.0896	0.9968	0.291
14:38:22	8.6428	0.4784	5.5464
14:38:32	19.8606	0.0993	14.36
14:38:42	20.0968	0.0732	14.8176
14:38:52	20.1658	0.072	14.8861
14:39:02	20.2056	0.0654	14.9033
14:39:12	20.2363	0.0589	14.9116
14:39:22	20.2589	0.0541	14.9105
14:39:32	20.2821	0.0517	14.9307
14:39:42	20.2932	0.0488	14.945

**THC Bias**

**20.27807 0.051533 14.92873**

14:39:52	20.2992	0.0476	14.939
14:40:02	19.1204	0.6409	9.6128
14:40:12	12.58	5.297	0.8599
14:40:22	11.6814	5.9368	0.4397

**Resume Run 3B**

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:40:32	11.3898	6.1236	0.3743
14:40:42	11.2101	6.1992	0.3368
14:40:52	11.294	6.0826	0.2933
14:41:02	11.46	5.9118	0.2624
14:41:12	11.632	5.7571	0.2517
14:41:22	11.46	5.8749	0.2428
14:41:32	11.0845	6.1492	0.2356
14:41:42	10.2454	6.7937	0.2416
14:41:52	9.3486	7.4025	0.2439
14:42:02	8.9135	7.6816	0.2356
14:42:12	8.8796	7.6941	0.2207
14:42:22	8.7284	7.809	0.2315
14:42:32	8.7267	7.8025	0.2255
14:42:42	9.4247	7.3764	0.2368
14:42:52	10.312	6.8753	0.2291
14:43:02	10.9565	6.4956	0.2207
14:43:12	11.504	6.1635	0.2291
14:43:22	11.9712	5.8493	0.2207
14:43:32	12.658	5.3369	0.219
14:43:42	13.3316	4.9275	0.2071
14:43:52	13.7185	4.693	0.2279
14:44:02	13.5738	4.8162	0.2255
14:44:12	13.2721	5.0245	0.2291
14:44:22	13.0835	5.1364	0.2291
14:44:32	13.0436	5.1524	0.2207
14:44:42	13.0359	5.1578	0.213
14:44:52	13.0263	5.1649	0.2047
14:45:02	13.0793	5.109	0.2047
14:45:12	13.1751	5.0376	0.2178
14:45:22	12.8907	5.206	0.2255
14:45:32	12.3301	5.5738	0.2231
14:45:42	12.0093	5.7963	0.2303
14:45:52	11.9772	5.8035	0.2279
14:46:02	12.0266	5.7422	0.2207
14:46:12	12.1027	5.6696	0.2291
14:46:22	11.9373	5.785	0.2356
14:46:32	11.9141	5.7767	0.2368
14:46:42	11.9176	5.7535	0.2291
14:46:52	11.7177	5.8975	0.2279
14:47:02	11.8242	5.7951	0.2207
14:47:12	12.139	5.5333	0.2207
14:47:22	12.3622	5.3357	0.2207
14:47:32	12.1027	5.5369	0.2207
14:47:42	11.6814	5.8898	0.2279

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:47:52	11.2672	6.2105	0.2439
14:48:02	11.222	6.2129	0.2428
14:48:12	11.4201	6.0368	0.2315
14:48:22	11.5725	5.9005	0.2338
14:48:32	11.6927	5.7773	0.2356
14:48:42	11.5058	5.932	0.238
14:48:52	10.7488	6.5361	0.2428
14:49:02	10.346	6.8217	0.2392
14:49:12	10.3138	6.855	0.2356
14:49:22	10.4281	6.7634	0.2368
14:49:32	10.6399	6.6051	0.2368
14:49:42	10.8786	6.4557	0.2291
14:49:52	10.9411	6.4914	0.2291
14:50:02	11.0482	6.4748	0.2356
14:50:12	11.2368	6.3611	0.2338
14:50:22	11.5594	6.1088	0.2279
14:50:32	12.0057	5.7535	0.2255
14:50:42	12.6907	5.2631	0.2315
14:50:52	12.9115	5.1852	0.2291
14:51:02	12.8258	5.2774	0.213
14:51:12	12.8793	5.2512	0.2219
14:51:22	13.0626	5.1322	0.2291
14:51:32	12.8395	5.2869	0.2207
14:51:42	12.6068	5.4488	0.213
14:51:52	12.5491	5.4577	0.213
14:52:02	12.5758	5.4161	0.213
14:52:12	12.58	5.4042	0.2071
14:52:22	12.7341	5.281	0.2047
14:52:32	13.1709	4.9745	0.213
14:52:42	13.4251	4.7983	0.2071
14:52:52	13.0359	5.0864	0.213
14:53:02	12.3949	5.5196	0.2207
14:53:12	12.2402	5.5958	0.2255
14:53:22	12.2098	5.6095	0.2279
14:53:32	11.9444	5.7803	0.2207
14:53:42	11.92	5.7571	0.2279
14:53:52	12.017	5.6731	0.2291
14:54:02	11.8819	5.7678	0.2279
14:54:12	11.9426	5.7035	0.2368
14:54:22	11.529	6.0588	0.2439
14:54:32	11.3725	6.1504	0.2356
14:54:42	11.2255	6.2361	0.2439
14:54:52	11.4755	6.0308	0.2356
14:55:02	11.2386	6.2284	0.2356

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:55:12	11.2696	6.1957	0.2517
14:55:22	10.8268	6.5158	0.2517
14:55:32	10.9678	6.3879	0.2529
14:55:42	11.3344	6.1117	0.2356
14:55:52	11.5481	5.9683	0.2291
14:56:02	11.363	6.1445	0.2291
14:56:12	11.3856	6.1094	0.2279
14:56:22	11.3172	6.148	0.2303
14:56:32	11.1398	6.2742	0.2368
14:56:42	11.1642	6.2498	0.2207
14:56:52	11.2749	6.1689	0.2291
14:57:02	11.1529	6.279	0.2493
14:57:12	10.9262	6.4474	0.2588
14:57:22	11.025	6.3587	0.2487
14:57:32	11.0898	6.3117	0.2392
14:57:42	11.5653	5.9523	0.2291
14:57:52	12.0093	5.6678	0.2356
14:58:02	12.1962	5.5517	0.2416
14:58:12	12.292	5.5125	0.2439
14:58:22	12.2229	5.5982	0.2517
14:58:32	12.5324	5.372	0.2517
14:58:42	12.5931	5.3518	0.2517
14:58:52	12.3473	5.572	0.2517
14:59:02	12.2021	5.6839	0.2439
14:59:12	12.2003	5.6714	0.2475
14:59:22	12.3545	5.5339	0.238
14:59:32	12.4521	5.4476	0.2392
14:59:42	12.5568	5.3649	0.2368
14:59:52	12.8871	5.1334	0.2439
15:00:02	12.6502	5.3149	0.2439
15:00:12	12.3188	5.5613	0.2392
15:00:22	12.3283	5.5262	0.2356
15:00:32	12.3164	5.5494	0.2439
15:00:42	12.1753	5.6601	0.2416
15:00:52	12.1146	5.6958	0.2291
15:01:02	12.0402	5.7416	0.2207
15:01:12	12.0402	5.7196	0.2207
15:01:22	12.1069	5.6541	0.2291
15:01:32	12.3396	5.4434	0.2291
15:01:42	12.58	5.2221	0.2207
15:01:52	12.6258	5.1673	0.2291
15:02:02	12.4842	5.247	0.2291
15:02:12	12.3033	5.3661	0.2368
15:02:22	11.851	5.7493	0.2291



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:02:32	11.3457	6.1266	0.2291
15:02:42	11.5195	5.9576	0.2291
15:02:52	11.8266	5.6868	0.2291
15:03:02	11.901	5.6172	0.2207
15:03:12	11.1511	6.229	0.2303
15:03:22	10.5941	6.6128	0.2439
15:03:32	10.5673	6.6182	0.2517
15:03:42	10.4644	6.6836	0.2439
15:03:52	10.4376	6.6836	0.2356
15:04:02	10.7637	6.4087	0.2315
15:04:12	11.3725	5.9398	0.2291
15:04:22	11.8076	5.6612	0.2368
15:04:32	11.3267	6.1266	0.2451
15:04:42	11.0232	6.3694	0.2517
15:04:52	11.3303	6.129	0.2517
15:05:02	11.5421	5.9957	0.2439
15:05:12	11.2618	6.2403	0.2451
15:05:22	10.903	6.4968	0.2439
15:05:32	10.953	6.4658	0.2517
15:05:42	11.3059	6.207	0.2517
15:05:52	11.7766	5.8666	0.2529
15:06:02	12.1295	5.6095	0.2439
15:06:12	12.5776	5.2869	0.2368
15:06:22	12.6294	5.297	0.2451
15:06:32	12.2878	5.5851	0.2392
15:06:42	12.1944	5.6601	0.2439
15:06:52	12.2461	5.6434	0.2439
15:07:02	12.292	5.6333	0.2439
15:07:12	12.2973	5.6273	0.2344
15:07:22	12.3699	5.5696	0.2279
15:07:32	12.5705	5.4006	0.2154
15:07:42	12.721	5.3006	0.2207
15:07:52	12.78	5.2691	0.213
15:08:02	12.9954	5.112	0.213
15:08:12	13.1733	4.9703	0.2231
15:08:22	13.4899	4.7335	0.2291
15:08:32	13.7946	4.5139	0.2303
15:08:42	13.6881	4.6002	0.2356
15:08:52	13.6458	4.6252	0.2279
15:09:02	13.8196	4.5008	0.2291
15:09:12	13.8256	4.4942	0.2279
15:09:22	13.5851	4.6472	0.2356
15:09:32	13.4614	4.7323	0.2279
15:09:42	13.5471	4.6686	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:09:52	13.4709	4.721	0.2279
15:10:02	12.8889	5.0649	0.2279
15:10:12	12.9329	4.9429	0.2279
15:10:22	12.8561	4.9632	0.2279
15:10:32	12.3777	5.2619	0.2356
15:10:42	11.6278	5.8493	0.2517
15:10:52	11.319	6.0844	0.2356
15:11:02	11.0024	6.2718	0.2279
15:11:12	10.9964	6.201	0.2291
15:11:22	10.8137	6.3075	0.2279
15:11:32	10.531	6.4855	0.2291
15:11:42	9.8847	6.9556	0.2303
15:11:52	9.2992	7.346	0.2439
15:12:02	9.0778	7.4948	0.2439
15:12:12	9.0813	7.4841	0.2428
15:12:22	9.3069	7.3287	0.2291
15:12:32	9.3866	7.2805	0.2207
15:12:42	9.5622	7.1585	0.2243
15:12:52	9.4003	7.3109	0.2207
15:13:02	9.1123	7.5138	0.2255
15:13:12	9.5051	7.2538	0.2315
15:13:22	10.6054	6.5349	0.2106
15:13:32	11.8129	5.7237	0.2207
15:13:42	12.4711	5.3072	0.2207
15:13:52	12.7228	5.1988	0.2207
15:14:02	12.83	5.1554	0.2207
15:14:12	12.8276	5.1774	0.2231
15:14:22	12.7954	5.1971	0.2207
15:14:32	12.6258	5.3137	0.2255
15:14:42	12.3146	5.5684	0.2291
15:14:52	12.1676	5.691	0.2291
15:15:02	12.3223	5.5601	0.2207
15:15:12	12.3717	5.519	0.2267
15:15:22	11.9254	5.891	0.2207
15:15:32	11.6641	6.0915	0.2279
15:15:42	12.0801	5.7487	0.2279
15:15:52	12.4122	5.4976	0.2291
15:16:02	12.599	5.35	0.2279
15:16:12	12.3378	5.5256	0.2279
15:16:22	12.1468	5.6333	0.2279
15:16:32	12.1735	5.5851	0.2356
15:16:42	12.1087	5.6065	0.2356
15:16:52	12.1259	5.5648	0.2416
15:17:02	12.0152	5.6363	0.2368

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:17:12	11.9885	5.6202	0.2451
15:17:22	12.1146	5.4904	0.2356
15:17:32	11.8171	5.7261	0.2356
15:17:42	11.3362	6.0992	0.2368
15:17:52	10.9625	6.3665	0.2517
15:18:02	10.8173	6.4605	0.2439
15:18:12	10.8173	6.4587	0.2517
15:18:22	10.6893	6.5741	0.2517
15:18:32	10.5578	6.6753	0.2517
15:18:42	10.531	6.6747	0.2338
15:18:52	10.6269	6.5855	0.2279
15:19:02	10.8381	6.4117	0.2207
15:19:12	11.4695	5.9534	0.2196
15:19:22	12.0742	5.5607	0.2219
15:19:32	12.2021	5.5166	0.2279
15:19:42	12.2539	5.5059	0.2279
15:19:52	12.5229	5.2917	0.2356
15:20:02	12.7151	5.1548	0.2356
15:20:12	12.4348	5.3446	0.238
15:20:22	12.2325	5.5029	0.2517
15:20:32	12.261	5.4922	0.2439
15:20:42	12.3568	5.3869	0.2439
15:20:52	12.6847	5.1655	0.238
15:21:02	12.9763	4.9679	0.2475
15:21:12	12.6693	5.1863	0.2356
15:21:22	12.2938	5.4309	0.2416
15:21:32	12.2575	5.447	0.2439
15:21:42	12.3872	5.3298	0.2356
15:21:52	12.5169	5.2488	0.2368
15:22:02	12.5877	5.203	0.2279
15:22:12	12.139	5.55	0.2231
15:22:22	11.6986	5.9118	0.2207
15:22:32	11.5499	6.0147	0.2207
15:22:42	11.5844	5.9909	0.2231
15:22:52	11.6564	5.9249	0.2291
15:23:02	11.8552	5.7624	0.2207
15:23:12	12.0093	5.6392	0.2279
15:23:22	12.0379	5.6166	0.2279
15:23:32	12.0992	5.5452	0.219
15:23:42	12.2539	5.4	0.213
15:23:52	12.4003	5.2982	0.2094
15:24:02	12.261	5.4202	0.2047
15:24:12	12.1122	5.5351	0.2207
15:24:22	12.3681	5.3226	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:24:32	12.3681	5.3363	0.219
15:24:42	12.0474	5.5922	0.2207
15:24:52	11.7939	5.7636	0.2303
15:25:02	11.607	5.8576	0.2368
15:25:12	11.2636	6.1231	0.2356
15:25:22	11.0309	6.2986	0.2303
15:25:32	11.0042	6.3278	0.2315
15:25:42	11.1452	6.1927	0.2207
15:25:52	11.216	6.1367	0.2094
15:26:02	11.2505	6.1064	0.2071
15:26:12	11.5076	5.9088	0.2047
15:26:22	11.7522	5.7255	0.2047
15:26:32	12.0402	5.4881	0.2047
15:26:42	12.1944	5.3565	0.2207
15:26:52	11.7748	5.7261	0.2279
15:27:02	11.3838	6.026	0.2279
15:27:12	11.5897	5.8475	0.2207
15:27:22	11.6528	5.8118	0.2279
15:27:32	11.6986	5.769	0.2315
15:27:42	11.6719	5.7886	0.2207
15:27:52	11.5707	5.8677	0.2207
15:28:02	11.5118	5.9165	0.219
15:28:12	11.651	5.8082	0.2207
15:28:22	11.8552	5.638	0.2207
15:28:32	11.4219	6.013	0.2207
15:28:42	10.7923	6.4998	0.2207
15:28:52	10.3823	6.7991	0.2207
15:29:02	10.2353	6.889	0.213
15:29:12	10.2412	6.8812	0.2047
15:29:22	10.3769	6.7884	0.2047
15:29:32	10.4781	6.7182	0.2207
15:29:42	10.5596	6.6533	0.219
15:29:52	10.6227	6.6188	0.2166
15:30:02	10.7756	6.5105	0.2017
15:30:12	11.0732	6.2802	0.2047
15:30:22	11.4124	6.0338	0.2047
15:30:32	11.9426	5.6357	0.2047
15:30:42	12.4651	5.2714	0.2047
15:30:52	12.4027	5.3339	0.2047
15:31:02	12.1831	5.5035	0.1969
15:31:12	12.0861	5.575	0.1969
15:31:22	12.1581	5.522	0.1969
15:31:32	11.9617	5.7112	0.2029
15:31:42	11.3094	6.226	0.2029

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:31:52	10.9774	6.4688	0.2047
15:32:02	11.1226	6.3504	0.2047
15:32:12	11.5594	5.9987	0.1898
15:32:22	12.0837	5.5666	0.1821
15:32:32	12.414	5.3107	0.1892
15:32:42	12.5032	5.2732	0.1969
15:32:52	12.5419	5.2524	0.1969
15:33:02	12.6407	5.1756	0.1969
15:33:12	12.652	5.1649	0.1892
15:33:22	12.6353	5.1631	0.1898
15:33:32	12.677	5.1149	0.191
15:33:42	12.6907	5.0971	0.1969
15:33:52	12.6104	5.1489	0.213
15:34:02	12.3967	5.2923	0.2207
15:34:12	12.0646	5.5595	0.2207
15:34:22	12.0765	5.5262	0.2207
15:34:32	12.311	5.325	0.2106
15:34:42	12.3741	5.2786	0.213
15:34:52	12.3545	5.3072	0.213
15:35:02	12.1277	5.4958	0.2047
15:35:12	11.4374	6.0374	0.2178
15:35:22	10.4739	6.7408	0.213
15:35:32	9.7854	7.2026	0.2255
15:35:42	9.5527	7.3502	0.2279
15:35:52	9.5396	7.3502	0.2356
15:36:02	9.6062	7.3103	0.2356
15:36:12	9.7491	7.2204	0.2338
15:36:22	10.0561	7.027	0.2356
15:36:32	10.384	6.8265	0.2279
15:36:42	10.6816	6.6473	0.2416
15:36:52	10.7905	6.5997	0.2439
15:37:02	10.85	6.573	0.2529
15:37:12	11.0232	6.4331	0.2624
15:37:22	11.1892	6.3117	0.2666
15:37:32	11.2196	6.3171	0.2666
15:37:42	11.2749	6.2861	0.2725
15:37:52	11.4088	6.1802	0.2826
15:38:02	11.6243	6.0005	0.2826
15:38:12	11.6088	6.0266	0.2749
15:38:22	11.5195	6.0933	0.2826
15:38:32	11.5844	6.0356	0.2826
15:38:42	11.8932	5.8154	0.2749
15:38:52	11.9295	5.8344	0.2612
15:39:02	11.8397	5.904	0.2666

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:39:12	11.9391	5.8201	0.2749
15:39:22	12.311	5.5065	0.2588
15:39:32	12.7115	5.2179	0.2749
15:39:42	12.5931	5.3036	0.2749
15:39:52	12.1849	5.6273	0.2749
15:40:02	11.8569	5.8832	0.2826
15:40:12	11.779	5.9451	0.2826
15:40:22	12.139	5.6487	0.285
15:40:32	12.3568	5.4732	0.2826
15:40:42	12.4651	5.3756	0.2803
15:40:52	12.5913	5.2828	0.2761
15:41:02	12.5931	5.2792	0.2826
15:41:12	12.458	5.353	0.2803
15:41:22	12.2842	5.472	0.2666
15:41:32	12.1866	5.5392	0.2803
15:41:42	11.798	5.8422	0.2749
15:41:52	11.4451	6.11	0.2886
15:42:02	11.1476	6.3278	0.2987
15:42:12	11.05	6.3831	0.2987
15:42:22	11.0994	6.3456	0.2987
15:42:32	11.3838	6.1213	0.3148
15:42:42	11.5213	6.007	0.3136
15:42:52	11.2749	6.2183	0.3148
15:43:02	10.9851	6.4432	0.3207
15:43:12	10.9434	6.4712	0.3207
15:43:22	11.1416	6.3063	0.3219
15:43:32	11.3398	6.1415	0.3285
15:43:42	11.4237	6.06	0.3296

**Start Bias Calibration**

15:43:52	11.1779	6.2748	0.4142
15:44:02	18.0751	1.1063	6.3897
15:44:12	0.845	0.2939	0.4933
15:44:22	0.1987	0.1797	0.0857
15:44:32	0.1148	0.1291	0.0654
15:44:42	0.0803	0.1017	0.0559
15:44:52	0.0613	0.0904	0.0244
15:45:02	0.0458	0.0803	0.0047
15:45:12	0.0345	0.0678	-0.0114
15:45:22	0.0345	0.0654	-0.0274
15:45:32	0.0249	0.0618	-0.0352
<b>Zero Bias</b>	<b>0.0313</b>	<b>0.065</b>	<b>-0.02467</b>
15:45:42	0.2291	0.0833	0.0654

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:45:52	3.4677	0.9378	3.7218
15:46:02	19.7156	0.1106	13.6673
15:46:12	20.059	0.0755	14.5968
15:46:22	20.1235	0.0624	14.7432
15:46:32	20.1597	0.0571	14.7962
15:46:42	20.1945	0.0529	14.8301
15:46:52	20.2096	0.0488	14.8509
15:47:02	20.2322	0.0464	14.8646
15:47:12	20.2514	0.0434	14.8724
<b>THC Bias</b>	<b>20.23107</b>	<b>0.0462</b>	<b>14.86263</b>

15:47:22	20.2554	0.041	14.8706
15:47:32	15.8757	3.0749	6.8729
15:47:42	11.8534	5.6386	0.626
15:47:52	11.1131	6.2403	0.4534
15:48:02	10.8042	6.5009	0.4338

**Resume Run 3B**

15:48:12	10.7756	6.5456	0.4225
15:48:22	10.9298	6.4367	0.4076
15:48:32	11.3303	6.1564	0.3939
15:48:42	11.6945	5.9035	0.3832
15:48:52	12.1218	5.6136	0.3743
15:49:02	12.6449	5.2709	0.3606
15:49:12	13.0359	5.0185	0.3445
15:49:22	12.9668	5.0757	0.3296
15:49:32	13.2073	4.9162	0.3285
15:49:42	13.2644	4.8941	0.3285
15:49:52	13.3656	4.8323	0.3207
15:50:02	13.5161	4.7311	0.3088
15:50:12	13.2281	4.9066	0.307
15:50:22	12.6139	5.2756	0.2987
15:50:32	12.311	5.4553	0.2987
15:50:42	11.8968	5.7696	0.2987
15:50:52	11.3969	6.1588	0.2987
15:51:02	11.1815	6.3236	0.2987
15:51:12	11.3112	6.1992	0.2987
15:51:22	11.4981	6.0308	0.291
15:51:32	11.4618	6.06	0.2826
15:51:42	11.4201	6.0933	0.2785
15:51:52	11.2714	6.2206	0.291
15:52:02	11.2255	6.2534	0.291
15:52:12	11.2773	6.2046	0.291
15:52:22	11.0464	6.3528	0.285

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:52:32	10.6054	6.6771	0.2761
15:52:42	10.4703	6.7812	0.2838
15:52:52	10.5388	6.736	0.3011
15:53:01	10.5388	6.736	0.3011
15:53:12	10.9601	6.4063	0.2975
15:53:22	11.1089	6.2825	0.2826
15:53:32	11.0845	6.2944	0.2826
15:53:42	11.0405	6.3343	0.2838
15:53:52	11.2255	6.1695	0.2826
15:54:02	11.4963	5.9546	0.291
15:54:12	11.5897	5.8904	0.291
15:54:22	11.1261	6.2617	0.3011
15:54:32	10.7203	6.5747	0.3124
15:54:42	10.806	6.5009	0.307
15:54:52	10.8994	6.4527	0.3148
15:55:02	11.3154	6.1141	0.3148
15:55:12	11.6623	5.8428	0.2987
15:55:22	11.9278	5.6249	0.2838
15:55:32	12.2973	5.3268	0.285
15:55:42	12.2003	5.3875	0.291
15:55:52	11.4927	5.9951	0.2939
15:56:02	11.2481	6.198	0.291
15:56:12	10.9893	6.3938	0.2922
15:56:22	10.6072	6.6688	0.291
15:56:32	10.581	6.6848	0.291
15:56:42	10.6286	6.6592	0.291
15:56:52	10.806	6.5527	0.2939
15:57:02	11.1571	6.3171	0.2987
15:57:12	11.4564	6.1183	0.2987
15:57:22	11.8492	5.8749	0.2987
15:57:32	12.1563	5.6797	0.307
15:57:42	12.3414	5.5416	0.307
15:57:52	12.3378	5.5553	0.3148
15:58:02	12.6008	5.3411	0.3219
15:58:12	12.5973	5.3387	0.3219
15:58:22	12.5437	5.3768	0.3261
15:58:32	12.2366	5.6606	0.3148
15:58:42	11.8915	5.932	0.3148
15:58:52	11.7195	6.0421	0.3148
15:59:02	11.6147	6.0957	0.3148
15:59:12	11.6278	6.079	0.3148
15:59:22	11.5362	6.1451	0.3148
15:59:32	11.4142	6.2046	0.307
15:59:42	11.832	5.866	0.307



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:59:52	12.0783	5.6541	0.307
16:00:02	11.7349	5.9332	0.307
16:00:12	11.6397	6.0225	0.3148
16:00:22	11.5975	6.0618	0.3219
16:00:32	11.3779	6.2439	0.3171
16:00:42	11.3457	6.2671	0.307
16:00:52	11.3898	6.2159	0.3035
16:01:02	11.4737	6.1361	0.307
16:01:12	11.5421	6.0671	0.307
16:01:22	11.6927	5.9392	0.307
16:01:32	11.9962	5.6975	0.3171
16:01:42	12.2116	5.5369	0.3219
16:01:52	11.8361	5.8368	0.3148
16:02:02	11.6683	5.9671	0.3148
16:02:12	11.6183	5.9897	0.3207
16:02:22	11.3457	6.1849	0.3195
16:02:32	11.1761	6.3182	0.3148
16:02:42	11.1702	6.3242	0.3112
16:02:52	11.4011	6.1445	0.31
16:03:02	11.8986	5.741	0.307
16:03:12	11.8742	5.7422	0.3148
16:03:22	11.3493	6.1558	0.307
16:03:32	11.0006	6.4153	0.3148
16:03:42	11.0232	6.4158	0.3219
16:03:52	11.5118	6.0266	0.307
16:04:02	11.7689	5.81	0.3112
16:04:12	11.7064	5.8326	0.307
16:04:22	11.0827	6.3212	0.2987
16:04:32	10.8536	6.498	0.2987
16:04:42	11.4088	6.0856	0.291
16:04:52	11.4618	6.0284	0.291
16:05:02	11.1452	6.2843	0.291
16:05:12	11.3362	6.1635	0.2963
16:05:22	11.491	6.0612	0.307
16:05:32	11.6683	5.9308	0.2999
16:05:42	11.4582	6.0951	0.307
16:05:52	11.1089	6.3581	0.3136
16:06:02	11.1226	6.3528	0.3124
16:06:12	11.3779	6.1653	0.307
16:06:22	11.3475	6.2046	0.2826
16:06:32	11.6373	5.9903	0.307
16:06:42	12.12	5.5946	0.3148
16:06:52	12.0325	5.647	0.3088
16:07:02	11.4011	6.1611	0.2987

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:07:12	11.3743	6.1951	0.3112
16:07:22	11.2963	6.2611	0.3124
16:07:32	11.5671	6.0415	0.2987
16:07:42	11.8569	5.8279	0.307
16:07:52	11.5749	6.085	0.307
16:08:02	11.5386	6.1141	0.2939
16:08:12	11.6356	6.0255	0.2838
16:08:22	11.8605	5.8368	0.2987
16:08:32	12.0706	5.6654	0.2987
16:08:42	12.1468	5.6119	0.307
16:08:52	12.4425	5.3744	0.2862
16:09:02	12.6449	5.2286	0.2826
16:09:12	12.7228	5.1625	0.2826
16:09:22	12.6562	5.2125	0.291
16:09:32	12.4044	5.3869	0.2963
16:09:42	12.5169	5.2714	0.2826
16:09:52	12.3092	5.3946	0.2826
16:10:02	12.477	5.2548	0.2749
16:10:12	12.4866	5.2459	0.2749
16:10:22	12.3188	5.35	0.2826
16:10:32	12.3527	5.3363	0.2838
16:10:42	12.2705	5.3946	0.2886
16:10:52	12.2021	5.444	0.291
16:11:02	11.9581	5.6095	0.2951
16:11:12	11.6373	5.8303	0.291
16:11:22	11.3779	6.0118	0.2826
16:11:32	11.1642	6.1582	0.291
16:11:42	10.5197	6.6563	0.291
16:11:52	10.3001	6.8372	0.291
16:12:02	10.3329	6.8187	0.307
16:12:12	10.312	6.8211	0.307
16:12:22	10.2067	6.8961	0.3148
16:12:32	10.2549	6.9134	0.3148
16:12:42	10.3216	6.9038	0.307
16:12:52	10.8173	6.6063	0.291
16:13:02	11.2315	6.348	0.2987
16:13:12	11.4808	6.1754	0.3011
16:13:22	11.7367	5.9868	0.307
16:13:32	11.8456	5.91	0.3082
16:13:42	11.8986	5.8636	0.3148
16:13:52	12.1105	5.6791	0.3148
16:14:02	12.4175	5.4244	0.3148
16:14:12	12.5378	5.3244	0.3148
16:14:22	12.4027	5.419	0.3047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:14:32	12.2955	5.5137	0.2749
16:14:42	12.2021	5.5684	0.2701
16:14:52	11.779	5.9064	0.2749
16:15:02	11.6034	6.0504	0.2826
16:15:12	11.5612	6.0957	0.291
16:15:22	11.5725	6.0725	0.2826
16:15:32	11.4297	6.1599	0.2826
16:15:42	11.3493	6.2064	0.2803
16:15:52	11.3094	6.2314	0.3058
16:16:02	11.4088	6.1546	0.2933
16:16:12	11.3422	6.1915	0.2886
16:16:22	11.4755	6.0659	0.2975
16:16:32	11.7939	5.8082	0.2987
16:16:42	11.8986	5.7166	0.2862
16:16:52	11.8819	5.7356	0.2826
16:17:02	12.0474	5.5869	0.291
16:17:12	11.9658	5.638	0.2749
16:17:22	11.6683	5.8898	0.2951
16:17:32	11.319	6.1671	0.3915
16:17:42	11.1184	6.2879	0.3755
16:17:52	10.9315	6.4224	0.3743
16:18:02	10.6917	6.5944	0.3445
16:18:12	10.8405	6.47	0.3368
16:18:22	11.1071	6.2617	0.3285
16:18:32	11.3588	6.0641	0.3207
16:18:42	11.5386	5.9314	0.3517
16:18:52	11.5671	5.9612	0.4624
16:19:02	11.5171	5.9475	0.41
16:19:12	11.4487	6.0064	0.4153
16:19:22	11.6106	5.8535	0.4165
16:19:32	11.7195	5.8368	0.4933
16:19:42	11.5862	5.9118	0.4261
16:19:52	11.5534	5.9368	0.4153
16:20:02	11.3779	6.1022	0.41
16:20:12	11.2523	6.1951	0.3856
16:20:22	11.2868	6.1611	0.3814
16:20:32	11.3017	6.1564	0.379
16:20:42	11.313	6.1236	0.3832
16:20:52	11.4505	6.0195	0.4165
16:21:02	11.5689	5.9528	0.5106
16:21:12	11.5386	5.9392	0.5242
16:21:22	11.5118	5.9332	0.5004
16:21:32	11.491	5.9558	0.4612
16:21:42	11.851	5.6487	0.4338

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:21:52	12.3396	5.2893	0.4386
16:22:02	12.4193	5.2881	0.4546
16:22:12	12.0801	5.544	0.4302
16:22:22	11.9409	5.6601	0.46
16:22:32	11.832	5.7463	0.4909
16:22:42	11.8147	5.7493	0.4546
16:22:52	12.0646	5.547	0.41
16:23:02	12.0801	5.5547	0.41
16:23:12	12.0117	5.5976	0.4201
16:23:22	11.7463	5.7904	0.4326
16:23:32	11.6034	5.9017	0.4683
16:23:42	11.5707	5.929	0.532
16:23:52	11.51	5.9499	0.5451
16:24:02	11.4713	5.9451	0.5379
16:24:12	11.5058	5.9284	0.5165
16:24:22	11.5939	5.8451	0.5082
16:24:32	11.7576	5.7362	0.5492
16:24:42	11.7998	5.7094	0.5814
16:24:52	11.6546	5.8332	0.5873
16:25:02	11.4832	5.9653	0.5951
16:25:12	11.5766	5.9118	0.5998
16:25:22	11.729	5.8172	0.6284
16:25:32	11.9581	5.647	0.626
16:25:42	12.1146	5.5297	0.6236
16:25:52	12.1241	5.5244	0.6195
16:26:02	11.6564	5.9112	0.648
16:26:12	11.2142	6.2522	0.6718
16:26:22	10.9893	6.4319	0.6742
16:26:32	10.9869	6.4105	0.7349
16:26:42	11.0155	6.3807	0.8789
16:26:52	11.0482	6.3629	0.9075
16:27:02	11.0827	6.3385	0.8754
16:27:12	11.0958	6.3415	0.8599
16:27:22	11.0785	6.3534	0.8652
16:27:32	11.1035	6.329	0.8057
16:27:42	11.1815	6.2611	0.7403
16:27:52	11.313	6.1855	0.6903
16:28:02	11.3743	6.1826	0.6629
16:28:12	11.3838	6.1909	0.6492
16:28:22	11.3934	6.1915	0.657
16:28:32	11.3916	6.1903	0.8641
16:28:42	11.3951	6.1742	5.0905
16:28:52	11.3951	6.1701	3.4028
16:29:02	11.3969	6.1653	2.4869

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:29:12	11.3916	6.1659	2.0727
16:29:22	11.3969	6.1695	1.846
16:29:32	11.3898	6.1724	1.6907
16:29:42	11.3934	6.1701	1.5806
16:29:52	11.3951	6.1683	1.4937
16:30:02	11.3951	6.1671	1.411
16:30:12	11.3874	6.1689	1.3425
16:30:22	11.3951	6.1665	1.2854
16:30:32	11.3993	6.1605	1.2271
16:30:42	11.3993	6.1498	1.1902
16:30:52	11.3993	6.1415	1.1729
16:31:02	11.4011	6.1361	1.1467
16:31:12	11.4029	6.1385	1.1128
16:31:22	11.4166	6.1397	1.092
16:31:32	11.4237	6.1427	1.0462
16:31:42	11.4332	6.1415	1.02
16:31:52	11.4427	6.1397	0.9878
16:32:02	11.4618	6.1355	1.3128
16:32:12	11.4487	6.1361	1.386
16:32:22	11.4106	6.1308	1.1699
16:32:32	11.4695	6.1284	0.9855
16:32:42	11.4737	6.1266	0.9224
16:32:52	11.4564	6.1278	1.1253
16:33:02	11.4618	6.1266	1.4354
16:33:12	11.46	6.126	1.2955
16:33:22	11.4582	6.126	1.3199
16:33:32	11.4546	6.1213	1.2866
16:33:42	11.4546	6.1207	1.2473
16:33:52	11.4564	6.1171	1.2771
16:34:02	11.4677	6.1171	1.6204
16:34:12	11.4564	6.1147	1.4812
16:34:22	11.4564	6.1129	1.3116
16:34:32	11.4582	6.1141	1.2991
16:34:42	11.4642	6.1117	1.1134
16:34:52	11.4618	6.11	0.9158
16:35:02	11.4618	6.107	0.9212
16:35:12	11.4737	6.1046	1.2646
16:35:22	11.4332	6.104	1.3437
16:35:32	11.4487	6.1076	2.0989
16:35:42	11.46	6.1064	1.8609
16:35:52	11.4713	6.107	1.4717
16:36:02	11.46	6.1129	1.2533
16:36:12	11.466	6.0504	1.1949
16:36:22	11.4755	6.0445	1.4729

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:36:32	11.4564	6.0469	1.3437
16:36:42	11.4582	6.0451	1.3538
16:36:52	11.4582	6.0439	0.9742
16:37:02	11.46	6.0439	0.8777
16:37:12	11.4523	6.0445	0.8516
16:37:22	11.4755	6.0463	0.8998
16:37:32	11.4564	6.0427	1.0414
16:37:42	11.4523	6.0421	1.0509
16:37:52	11.4564	6.0481	1.086
16:38:02	11.4523	6.0463	1.1045
16:38:12	11.4582	6.0469	1.1277
16:38:22	11.4546	6.0463	1.133
16:38:32	11.46	6.1231	0.8754
16:38:42	11.4642	6.1582	0.5242
16:38:52	11.479	6.1558	0.5165
16:39:02	11.5154	6.1629	0.5302
16:39:12	11.4886	6.1951	0.5629
16:39:22	11.466	6.2314	0.5504
16:39:32	11.7064	5.9219	0.532
16:39:42	14.5314	3.9021	0.5242
16:39:52	12.53	5.1608	0.5082
16:40:02	11.7689	5.7392	0.5254
16:40:12	11.363	6.0481	0.532
16:40:22	11.7004	5.7338	0.5242
16:40:32	11.8915	5.6011	0.529
16:40:42	11.3951	5.9886	0.5242
16:40:52	11.0803	6.148	0.5242
<b>End Run 3B</b>	<b>11.77403</b>	<b>5.857441</b>	<b>0.330443</b>
16:41:02	10.9643	6.2385	0.5165
16:41:12	10.806	6.3534	0.5165
16:41:22	10.831	6.3099	0.5242
16:41:32	10.8917	6.2683	0.5242
16:41:42	10.7584	6.3914	0.5403
16:41:52	10.4584	6.6229	0.5165
16:42:02	10.4436	6.6099	0.5022
16:42:12	10.7048	6.4153	0.5082
16:42:22	10.7298	6.4153	0.5034
16:42:32	10.5465	6.5575	0.5022
16:42:42	10.4912	6.589	0.4945
16:42:52	10.5025	6.5724	0.4832
16:43:02	10.7334	6.3849	0.4772
16:43:12	11.0863	6.1141	0.4558
16:43:22	11.3285	5.9207	0.46
16:43:32	11.4332	5.8225	0.4386

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:43:42	11.4106	5.8416	0.4475
16:43:52	11.4523	5.8207	0.4302
16:44:02	10.8209	6.3575	0.4225
16:44:12	10.4203	6.6569	0.4225
16:44:22	10.4989	6.5664	0.4064
16:44:32	10.9244	6.2212	0.4076
16:44:42	10.6703	6.4402	0.3915
16:44:52	10.3293	6.7009	0.3993
16:45:02	10.293	6.7336	0.3993
16:45:12	10.4471	6.6456	0.3915
16:45:22	10.6001	6.5741	0.3892
16:45:32	11.0006	6.3307	0.3755
16:45:42	11.651	5.8749	0.3683
16:45:52	11.9962	5.6315	0.3731
16:46:02	12.2212	5.4857	0.3677
16:46:12	12.4443	5.3613	0.3606
16:46:22	12.4824	5.3821	0.3767
16:46:32	12.4253	5.4333	0.3683
16:46:42	12.4366	5.4464	0.3683
16:46:52	12.6371	5.2881	0.3677
16:47:02	13.0281	5.0185	0.3677
16:47:12	13.1656	4.9483	0.3535
16:47:22	12.8924	5.1465	0.3529
16:47:32	12.868	5.1524	0.3398
16:47:42	13.1959	4.9221	0.3421
16:47:52	13.1596	4.9596	0.3386
16:48:02	12.9537	5.1012	0.3445
16:48:12	13.6595	4.5567	0.3285
16:48:22	14.7754	3.764	0.3261
16:48:32	15.4413	3.2725	0.3261
16:48:42	15.7787	2.9987	0.3285
16:48:52	15.6335	3.0618	0.3285
16:49:02	14.9545	3.451	0.3368
16:49:12	14.354	3.7801	0.3285
16:49:22	14.0922	3.9086	0.2987
16:49:32	14.0446	3.9241	0.3011
16:49:42	14.0178	3.9271	0.307
16:49:52	13.997	3.933	0.285
16:50:02	13.9987	3.9265	0.2826
16:50:12	13.9821	3.9366	0.3082
16:50:22	13.6881	4.0872	0.3124
16:50:32	13.3007	4.2734	0.307
16:50:42	12.965	4.4567	0.3088
16:50:52	12.721	4.5942	0.307

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
16:51:02	12.561	4.69	0.2963
16:51:12	12.4461	4.7561	0.2987
16:51:22	12.2997	4.84	0.2933
16:51:32	12.2212	4.8811	0.285
16:51:42	12.1355	4.9459	0.2826
16:51:52	12.0783	4.9769	0.2951
16:52:02	11.992	5.0138	0.2987
16:52:12	11.8986	5.0679	0.3088
16:52:22	14.7867	1.5252	4.2139
16:52:32	2.2013	0.8789	0.4969
16:52:42	1.946	0.8843	0.1672
16:52:52	1.8466	0.8599	0.1166
16:53:02	1.8162	0.8551	0.0952
16:53:12	1.7895	0.8545	0.0857
16:53:22	1.7781	0.8563	0.088
16:53:32	1.7454	0.8468	0.0857
16:53:42	0.9593	0.4046	0.0297
16:53:52	0.088	0.0571	-0.0363
16:54:02	0.0345	0.041	-0.0298
16:54:12	0.0309	0.0369	-0.0274
16:54:22	0.0249	0.0327	-0.05
16:54:32	0.019	0.0351	-0.05
16:54:42	0.0154	0.0374	-0.0423
<b>Zero Bias</b>	<b>0.019767</b>	<b>0.035067</b>	<b>-0.04743</b>
16:54:52	0.0077	0.0369	-0.05
16:55:02	0.0113	0.0351	-0.0435
16:55:12	6.8193	2.7886	0.379
16:55:22	7.6912	6.9509	0.1583
16:55:32	9.8883	9.3075	0.0654
16:55:42	9.9931	9.3664	0.0505
16:55:52	9.9074	9.614	0.0136
16:56:02	9.8425	9.689	0.0047
16:56:12	9.8467	9.6997	-0.0114
16:56:22	9.8693	9.6907	-0.0114
16:56:32	9.8788	9.6979	-0.0078
16:56:42	9.8711	9.7015	-0.0191
16:56:52	9.8711	9.7098	-0.0191
<b>O2/CO2 Bias</b>	<b>9.873667</b>	<b>9.703067</b>	<b>-0.01533</b>
16:57:02	9.8728	9.6854	0.1612
16:57:12	12.1051	5.0679	0.6695
16:57:22	18.7408	0.5546	11.3761
16:57:32	19.9769	0.2689	14.6641
16:57:42	20.0495	0.2213	14.8819
16:57:52	20.0741	0.1999	14.9307



	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
16:58:02	20.1084	0.1547	14.97
16:58:12	20.1275	0.1398	14.9896
16:58:22	20.1406	0.1237	14.9896
16:58:32	20.1597	0.11	14.9884
16:58:42	20.1713	0.0952	15.0021
16:58:52	20.1658	0.0964	15.0045
<b>THC Mid Bias</b>	<b>20.1656</b>	<b>0.100533</b>	<b>14.99833</b>
16:59:02	19.7841	0.4874	10.3299
16:59:12	12.5264	4.9239	0.9236
16:59:22	12.0438	4.9941	0.4945
16:59:32	11.9754	5.028	0.4362
16:59:41	11.9754	5.028	0.4362

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 1 of 4
Project Number: 40942525.20-02	Operator KMM
Facility: Unit 4	Condition(s) 1
Source: Stack	Run(s) N/A
	Date 10/22/13

Time	Activity	Analyzer Response						Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC				
1018	Turn on Analyzers <sup>1</sup>	-	-	-	-	-	-	1
1116	N <sub>2</sub> zero	0.02	0.02	-				1
1119	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.45	19.14	-				1
1120	N <sub>2</sub> zero	0.02	0.10	-				1
1122	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.04	10.03	-				1
1209	N <sub>2</sub> zero BIAS	0.06	0.06	-0.09				0
1212	O <sub>2</sub> /CO <sub>2</sub> Mid Bias	9.99	9.95					0
1214	N <sub>2</sub> zero BIAS	0.00	0.05	-0.02				0
1218	THC Span Bias 24.7 ; response time			23.502				0
1220	THC Span Bias 24.7			24.86				0
1228	N <sub>2</sub> zero BIAS			-0.07				0
1230	THC Mid BIAS 12.8	20.48	0.03	14.91				0
1232	THC low BIAS 8.45	20.54	0.05	8.48				0
1253	Start Fresh Air Check pt 3							0
1313	pt 2	12.53	5.39					0
1333	pt 1	12.52	5.42					0
1353	pt 3							
10/23/13								
754	N <sub>2</sub> zero	0.03	0.02					0
756	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.54	19.25					0
757	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.14	10.15					0
802	zero BIAS	0.12	0.03					0
804	O <sub>2</sub> /CO <sub>2</sub> BIAS	10.07	10.00					0
930	Start Run 1A							0
1042	End Run 1A							0
1048	zero BIAS	0.10	0.09	0.04				0
1049	O <sub>2</sub> /CO <sub>2</sub> BIAS	10.04	10.02	0.03				0
1051	THC Span BIAS 24.7							
1118	N <sub>2</sub> zero BIAS	0.02	0.08	-0.01				0
1123	THC Span BIAS	20.81	0.03	24.34				0

Comments

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<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time.  
If applicable, "yesterday" is an acceptable entry.



# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page 2 of 4
Project Number: 40942525.20-02	Operator KMM
Facility: Unit 4	Condition(s) 1R
Source: Stack	Run(s) 1B
	Date 16/23/13

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
	<del>Turn on Analyzers<sup>1</sup></del>						
1125	THC Mid Bias 12.14.9	20.72	0.02	15.16			8
1127	THC low bias 8.43	20.70	0.06	8.76			8
1133	THC Span Bias 24.7	20.81	0.03	24.7			8
1134	THC low bias 8.43	20.68	0.12	8.61			8
1136	THC Mid Bias 14.8	20.73	0.02	15.20			8
1137	N <sub>2</sub> Zero Bias	0.22	0.03	-0.03			8
1236	Start Run 1B						
1339	Zero Bias	0.08	0.09	0.01			8
1347	THC Mid Bias	20.67	0.03	14.75			8
1502	Zero Bias	0.30	0.24	-0.01			8
1512	THC Mid Bias	20.65	0.04	14.57			8
1550	End Run 1B						
1557	Zero Bias	0.22	0.11	-0.02			8
1557	O <sub>2</sub> /CO <sub>2</sub> Bias 10.1/10.0	9.74	9.74	-0.02			8
1601	20 THC Mid Bias 14.8	20.31	0.37	14.72			8
10124	13						
739	Zero	-0.01	0.03	1.16			1
741	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	adj	adj				1
742	N <sub>2</sub> Zero	0.03	0.09	1.03			1
743	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.55	19.21	0.93			1
745	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.13	10.11	0.89			1
750	Zero Bias	0.04	0.06	0.55			8
752	O <sub>2</sub> /CO <sub>2</sub> Bias	10.02	9.97	0.04			8
935	Start Run 2A						
1040	End Run 2A						
1042	Zero Bias	0.15	0.10	-0.05			8
1044	O <sub>2</sub> /CO <sub>2</sub> Bias	9.97	9.94	-0.02			8
1047	THC Span Bias			24.63			8
1118	N <sub>2</sub> Zero Bias	0.23	0.13	0.01			8

Comments

<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page <b>3</b> of <b>4</b>
Project Number: 40942525.20-02	Operator <b>KMM</b>
Facility: Unit 4	Condition(s) <b>1</b>
Source: Stack	Run(s) <b>2B</b>
	Date <b>10/24/13</b>

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
<del>Turn on Analyzers<sup>1</sup></del>							
1120	THC Span Bias 24.7	20.57	0.05	24.56			8
1122	THC Mid Bias 14.8	20.63	0.05	14.95			8
1123	THC Low Bias 8.43	20.69	0.08	8.45			8
1213	N2 Zero Bias	0.27	0.14	-0.02			8
1215	THC Mid Bias	20.39	0.07	14.87			8
1235	Start Run 2B						8
1305 1307	Zero Bias	0.21	0.14	-0.02			8
1339	THC Mid Bias	20.27	0.08	14.81			8
1445	Zero Bias	0.13	0.10	-0.02			8
1447	THC Mid Bias	20.46	0.04	14.74			8
1545	End Run 2B						8
1552	Zero Bias	0.16	0.09	-0.01			8
1554	O <sub>2</sub> /CO <sub>2</sub> Bias 10.1/10.0	9.99	9.98				8
1556	THC mid Bias			14.72			8
10-25-13							
722	N2 Zero						1
724	O <sub>2</sub> /CO <sub>2</sub> Span 22.5/19.2	22.58	19.23	-			1
726	O <sub>2</sub> /CO <sub>2</sub> Mid 10.1/10.0	10.15	10.06	-			1
727	N2 Zero	-0.01	0.06	-			1
730	Zero Bias	0.15	0.04	-			1
732	O <sub>2</sub> /CO <sub>2</sub> mid Bias	9.94	9.74	-			1
935	Start Run 3A						8
1040	End Run 3A						8
1042	Zero Bias	0.18	0.18	-			8
1044	O <sub>2</sub> /CO <sub>2</sub> Bias	9.93	9.77	-			8
1058	Start Run 4A						8
1155	End Run 4A						8
1157	Zero Bias	0.12	0.10	-0.01			8
1159	O <sub>2</sub> /CO <sub>2</sub> Bias	9.95	9.84	0.02			8

Comments

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<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time. If applicable, "yesterday" is an acceptable entry.

# CEMS Operation Log

Project Name: Veolia – Sauget, IL	Page <b>4</b> of <b>4</b>
Project Number: 40942525.20-02	Operator <b>KMM</b>
Facility: Unit 4	Condition(s) <b>1</b>
Source: Stack	Run(s) <b>4A, 3B</b>
	Date <b>10/25/13</b>

Time	Activity	Analyzer Response					Sample Flow Rate
		O <sub>2</sub>	CO <sub>2</sub>	THC			
<del>Turn on Analyzers<sup>1</sup></del>							
1202	THC Span Bias 24.7	20.54	0.09	24.63			00
1203	THC Mid Bias 14.8	20.47	0.08	14.95			00
1205	THC Low Bias 8.43	20.55	0.07	8.51			00
1314	Zero Bias	0.12	0.09	0.00			00
1315	THC Mid Bias <i>enum offset</i>	20.22	0.05	14.80			00
1335	Start Run 4B 3B						00
1437	Zero Bias	0.23	0.14	0.04			00
1439	THC Mid Bias	20.24	0.06	14.91			00
1544	Zero Bias	0.05	0.08	0.00			00
1546	THC Mid Bias	20.10	0.07	14.76			00
1611	END Run 3B						00
1654	Zero Bias	0.03	0.04	-0.04			00
1656	O <sub>2</sub> /CO <sub>2</sub> Bias	9.95	9.67	0.00			00
1658	THC Mid Bias	20.07	0.19	14.95			00
<del>1639-1640</del>	<del>lost pump Flow</del>		<del>eliminate time from dataset</del>				

**Comments**

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<sup>1</sup> "Turn On Analyzers" is to document sufficient warm-up time.  
If applicable, "yesterday" is an acceptable entry.

# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia
Project Number	40942525
Facility	Sauget
Source	Unit 4 Stack
Parameter	O <sub>2</sub>
Units of Measure (ppm or %)	%

Performed by	Initials	KMM
	Date	10/22/2013
Reviewed by	Initials	WDD
	Date	11/14/13

Traverse Points (3 are required)	Concentration	Difference from Mean	Percent Difference from Mean
1	12.16	0.06	0.49
2	12.37	0.15	1.20
3	12.14	0.09	0.71
4			
5			
6			
7			
8			
9			
10			
11			
12			
<b>Mean Concentration of all Traverse Points</b>	12.22		
<b>Maximum Deviation from Mean</b>		0.15	
<b>Maximum Percent Deviation from Mean</b>			1.20
<b>Stratification Test Criteria<sup>1</sup></b>			
Do the concentrations at each traverse point differ from the mean concentration by no more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive)?	YES	<b>Use 1 point</b>	
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 5.0\%$ of the mean or (b) $\pm 0.5$ ppm (whichever is less restrictive) and by no more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		
Do the concentrations at each traverse point differ from the mean concentration by more than (a) $\pm 10.0\%$ of the mean or (b) $\pm 1.0$ ppm (whichever is less restrictive)?	NO		

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is  $\pm 0.5\%$  CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is  $\pm 0.3\%$  CO<sub>2</sub> or O<sub>2</sub>.

Notes:

*FDS-125: Stratification Test*  
*Per EM SOP-037*  
*Revision Date: May 2012*  
*Reviewed: October 2012*

# Response Time Determination - EPA Method 7E

Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name: Veolia - Sauget, IL  
 Project Number: 40942525.20-02  
 Facility: Unit 4  
 Source: Stack

Operator: KMM  
 Date: 10/22/13  
 Time: 1237 1208  
KMM 10/22/13

Parameter	O <sub>2</sub>		CO <sub>2</sub>			
Analyzer Make and Model	Servomex 1440		Servomex 1440			
Analyzer Name	Watts		Watts			
Analyzer Range	25		20			
From	Zero	Upscale	Zero	Upscale	Zero	Upscale
To	Upscale	Zero	Upscale	Zero	Upscale	Zero
Start Time (hh:mm)	12:11:00	12:12:30	12:11:00	12:12:30		
15 sec	0.02	10.01	0.03	9.99		
30 sec	0.20	10.01	0.22	9.99		
45 sec	9.37	4.35	9.52	1.12		
60 sec	9.97	0.08	9.92	0.16		
75 sec	9.99	0.03	9.95	0.11		
90 sec		0.01		0.08		
105 sec						
120 sec						
135 sec						
150 sec						
165 sec						
180 sec						
195 sec						
Response Time <sup>1</sup>						
Analyzer Response Time <sup>2</sup>						

<sup>1</sup> Time in seconds to reach 95% of final stable value.  
<sup>2</sup> Greater of upscale and downscale response time

	Cylinder Number	Actual Value
Upscale	6693355	10.1 / 10.0
Upscale		
Upscale		
Zero	SL-400193157-1A	0



# Response Time Determination

Project Name: Veolia Parameter: THC  
 Project Number: 40942525 Monitor Make/Model: Teco S1i  
 Facility: Saugat Monitor Name: Unit 4 Slack Operator: KMM  
 Source: Unit 4 Slack Instrument Span: 30  
 Date: 10/22/13 Time: 12:15

From	To	System Response														Response Time <sup>1</sup>	
		15 sec	30 sec	45 sec	60 sec	75 sec	90 sec	105 sec	120 sec	135 sec	150 sec	165 sec	180 sec	195 sec	Upscale	Downscale	
Zero	High	1.30	22.40	22.99	23.10	23.19	23.27										
High	Zero	24.97	0.16	0.00	-0.03	-0.05											
Zero	High	-0.06	23.83	25.57	25.64	25.64											
High	Zero	24.77	0.46	-0.01	-0.06	-0.07											
Zero	High	10.10	24.36	24.82	24.86												
High	Zero	24.89	20.00	0.03	-0.07												
Average																	
System Response Time <sup>2</sup>																	

<sup>1</sup> Time in seconds to reach 95% of final stable value.  
<sup>2</sup> Select greater of upscale and downscale response time.

	Cylinder Number	Actual Value
High	AVM 025456	24.7
Zero	52-400193157-1A	0

FDS-05: CEM Response Time  
 Per EM SOP-027  
 Revision Date: August 2012  
 Reviewed: September 2013

# Stratification Determination – EPA Method 7E

## Applicable to Performance of EPA Methods 3A, 6C, 7E and 10

Project Name	Veolia
Project Number	40942525
Facility	Sauget
Source	Unit 4 Stack
Parameter	O <sub>2</sub>
Units of Measure (ppm or %)	%

Performed by	Initials	KMM
	Date	10/22/2013
Reviewed by	Initials	mdd
	Date	11/14/2013

Traverse Points (3 are required)	Concentration	Difference from Mean	Percent Difference from Mean
1	12.16	0.06	0.49
2	12.37	0.15	1.20
3	12.14	0.09	0.71
4			
5			
6			
7			
8			
9			
10			
11			
12			
<b>Mean Concentration of all Traverse Points</b>	12.22		
<b>Maximum Deviation from Mean</b>		0.15	
<b>Maximum Percent Deviation from Mean</b>			1.20
<b>Stratification Test Criteria<sup>1</sup></b>			
Do the concentrations at each traverse point differ from the mean concentration by no more than (a) ±5.0% of the mean or (b) ±0.5 ppm (whichever is less restrictive)?	YES	<b>Use 1 point</b>	
Do the concentrations at each traverse point differ from the mean concentration by more than (a) ±5.0% of the mean or (b) ±0.5 ppm (whichever is less restrictive) and by no more than (a) ±10.0% of the mean or (b) ±1.0 ppm (whichever is less restrictive)?	NO		
Do the concentrations at each traverse point differ from the mean concentration by more than (a) ±10.0% of the mean or (b) ±1.0 ppm (whichever is less restrictive)?	NO		

<sup>1</sup> According to EPA Method 3A, Section 8.1, the alternative acceptance criterion for 3-point sampling is ±0.5% CO<sub>2</sub> or O<sub>2</sub>, and the criterion for single-point sampling is ±0.3% CO<sub>2</sub> or O<sub>2</sub>.

Notes:

*FDS-12S: Stratification Test  
Per EM SOP-037  
Revision Date: May 2012  
Reviewed: October 2012*

### Veolia Unit 4

Uncorrected Concentrations									
23-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 1A	0930-1042	12.20	5.65				0.19	39.25	0.00
Run 1B	1236-1550	12.13	5.89						0.32

Corrected O <sub>2</sub> Conc.					
23-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	0930-1042	12.20	0.04	1.01	12.22
Run 1B	1236-1550	12.13	0.04	1.02	12.27

Corrected CO <sub>2</sub> Conc.					
23-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 1A	0930-1042	5.65	0.04	1.00	5.59
Run 1B	1236-1550	5.89	0.05	1.00	5.86

**Veolia Unit 4**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/23/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:54	0.01	0.01	0.0%
span gas	CC189665	22.50	07:56	22.57	0.07	0.3%
mid-range	CC43355	10.10	07:58	10.12	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
1A	0.00	0.01	08:02	0.05	0.2%	10:48	0.02	0.1%	-0.1%	$C_O = 0.038$ $C_{MA}/(C_M - C_O) = 1.005$
	10.10	10.12	08:04	10.09	-0.1%	10:50	10.08	-0.2%	-0.1%	
1B	0.00	0.01	10:48	0.02	0.1%	15:57	0.05	0.2%	0.1%	$C_O = 0.039$ $C_{MA}/(C_M - C_O) = 1.015$
	10.10	10.12	10:50	10.08	-0.2%	15:59	9.90	-1.0%	-0.8%	

**Veolia Unit 4**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/23/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:54	0.02	0.02	0.1%
span gas	CC189665	19.20	07:56	19.24	0.04	0.2%
mid-range	CC43355	10.00	07:58	10.11	0.11	0.6%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
1A	0.00	0.02	08:02	0.03	0.1%	10:48	0.05	0.2%	0.1%	C <sub>0</sub> = 0.041 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 0.996
	10.00	10.11	08:04	10.07	-0.2%	10:50	10.09	-0.1%	0.1%	
1B	0.00	0.02	10:48	0.05	0.2%	15:57	0.06	0.2%	0.0%	C <sub>0</sub> = 0.055 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.005
	10.00	10.11	10:50	10.09	-0.1%	15:59	9.92	-1.0%	-0.9%	

**Veolia Unit 4  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/23/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	11:38	-0.05	0.05	n/a
<b>Span</b>	ALM025456	24.70	11:32	24.79	0.09	0.4%
<b>Mid</b>	ALM028646	14.80	11:36	15.23	0.43	2.9%
<b>Low</b>	ALM057529	8.43	11:34	8.60	0.17	2.1%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 1B	-0.05	13:39	0.00	0.2
	15.23	13:47	14.78	-1.5
	-0.05	15:04	-0.02	0.1
	15.23	15:12	14.70	-1.8
	-0.05	15:57	-0.04	0.0
	15.23	16:01	14.80	-1.4
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8
	-0.05			0.2
	15.23			-50.8

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00			0.00	n/a
<b>Span</b>	ALM025456	24.70			24.70	100.0%
<b>Mid</b>	ALM028646	14.80			14.80	100.0%
<b>Low</b>	ALM057529	8.43			8.43	100.0%

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
7:52:44	20.837	0.0857	-0.1417
7:52:54	20.837	0.0857	-0.1417
7:53:05	20.839	0.0857	-0.1417
7:53:14	20.837	0.0851	-0.1417
7:53:24	19.9331	0.0642	-0.1417
7:53:35	0.6599	0.0166	-0.1417
7:53:44	0.0553	0.0166	-0.1417
7:53:54	0.0267	0.0178	-0.1417
7:54:04	0.0136	0.016	-0.1417
7:54:15	0.0077	0.016	-0.1417
7:54:24	0.0017	0.0166	-0.1417
<b>N2 Zero</b>	<b>0.007667</b>	<b>0.0162</b>	<b>-0.1417</b>
7:54:34	-0.0018	0.016	-0.1417
7:54:44	0.0095	0.016	-0.1417
7:54:54	1.9841	0.726	-0.1417
7:55:04	22.2464	19.1189	-0.1405
7:55:14	22.4584	19.1547	-0.1405
7:55:25	22.5425	19.2453	-0.1417
7:55:34	22.5536	19.2614	-0.1405
7:55:44	22.5611	19.2639	-0.1417
7:55:54	22.5651	19.27	-0.1417
7:56:04	22.5692	19.273	-0.1405
7:56:14	22.5707	19.2816	-0.1405
7:56:24	22.5747	19.2775	-0.1417
7:56:35	22.5596	19.1667	-0.1417
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.56833</b>	<b>19.24193</b>	<b>-0.1413</b>
7:56:44	22.5173	18.8022	-0.1417
7:56:54	11.9159	10.0448	-0.1417
7:57:04	10.1841	10.1496	-0.1417
7:57:14	10.1365	10.1514	-0.1417
7:57:24	10.1287	10.1478	-0.1417
7:57:34	10.1252	10.1478	-0.1417
7:57:45	10.1228	10.14	-0.1417
7:57:54	10.1192	10.1406	-0.1417
7:58:04	10.1228	10.1091	-0.1417
7:58:14	10.1287	10.0913	-0.1417
<b>O2/CO2 Mid 10.1/10.0</b>	<b>10.12357</b>	<b>10.11367</b>	<b>-0.1417</b>
7:58:25	10.1323	10.0853	-0.1417
7:58:34	10.1323	10.0793	-0.1405
7:59:36	10.1418	10.0442	-0.1417
7:59:46	10.14	10.0395	-0.1417

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
7:59:56	10.1478	10.027	-0.1417
8:00:06	10.1365	10.0228	-0.1417
8:00:16	12.8353	9.0796	-0.1417
8:00:26	20.2116	1.1682	-0.1417
8:00:36	20.841	0.1815	-0.1417
8:00:46	20.9629	0.1178	-0.1417
8:00:56	20.9609	0.1047	-0.1417
8:01:06	20.9704	0.0987	-0.1417
8:01:16	20.9684	0.0952	-0.1417
8:01:26	20.9669	0.0922	-0.1417
8:01:36	20.6995	0.2106	-0.1417
8:01:46	3.0808	0.094	-0.1417
8:01:56	0.2344	0.0374	-0.1417
8:02:06	0.1261	0.0345	-0.1417
8:02:16	0.0993	0.0309	-0.1417
8:02:26	0.0726	0.0297	-0.1417
8:02:36	0.0613	0.0285	-0.1417
8:02:46	0.0499	0.0291	-0.1417
8:02:56	0.044	0.0285	-0.1417
<b>Zero Bias</b>	<b>0.051733</b>	<b>0.0287</b>	<b>-0.1417</b>
8:03:06	0.0363	0.0273	-0.1417
8:03:16	8.2535	0.0482	-0.1417
8:03:26	6.7545	4.3115	-0.1417
8:03:36	9.9859	9.9157	-0.1417
8:03:46	10.0734	9.9931	-0.1417
8:03:56	10.077	10.0198	-0.1417
8:04:06	10.0829	10.0401	-0.1417
8:04:16	10.0865	10.0508	-0.1417
8:04:26	10.0889	10.0633	-0.1417
8:04:36	10.0924	10.0669	-0.1417
8:04:46	10.0942	10.0722	-0.1417
<b>O2/CO2 Bias</b>	<b>10.09183</b>	<b>10.06747</b>	<b>-0.1417</b>
8:04:56	11.9373	8.3678	-0.1417
8:05:06	20.5092	0.3219	-0.1417
8:05:16	20.8692	0.1993	-0.1417
8:05:26	20.8979	0.1743	-0.1417
9:25:26	13.215	4.9084	0.4076
9:25:36	14.047	4.4478	0.3993
9:25:46	14.0791	4.5335	0.3832
9:25:56	13.8065	4.6335	0.3802
9:26:06	13.6726	4.7085	0.3826



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
9:26:16	13.3525	4.9251	0.3832
9:26:26	13.0281	5.1233	0.3695
9:26:36	12.6978	5.306	0.388
9:26:46	12.4729	5.4232	0.3755
9:26:56	12.3622	5.4631	0.3606
9:27:06	12.3259	5.4803	0.3535
9:27:16	12.3318	5.4815	0.3529
9:27:26	12.3336	5.4827	0.3606
9:27:36	12.3509	5.4744	0.3683
9:27:46	12.3931	5.4446	0.3683
9:27:56	12.3164	5.5029	0.3677
9:28:06	12.2801	5.519	0.3529
9:28:16	12.2997	5.5101	0.3457
9:28:26	12.2747	5.5279	0.3421
9:28:36	12.2479	5.5327	0.3445
9:28:46	12.292	5.5083	0.3529
9:28:56	12.2134	5.5708	0.3445
9:29:06	12.0724	5.6499	0.3457
9:29:16	12.0438	5.6624	0.338
9:29:26	12.0248	5.6642	0.3457
9:29:36	12.0307	5.6737	0.3445
9:29:46	11.9885	5.6874	0.3529
9:29:56	11.9278	5.7624	0.3529
<b>Start Run 1A</b>			
9:30:06	11.8915	5.7803	0.3529
9:30:16	11.8647	5.7987	0.3529
9:30:26	11.8492	5.8142	0.338
9:30:36	11.8855	5.7815	0.338
9:30:46	11.9236	5.7475	0.3296
9:30:56	11.9676	5.7065	0.3183
9:31:06	11.9825	5.7386	0.3219
9:31:16	11.901	5.8112	0.3219
9:31:26	11.798	5.904	0.3219
9:31:36	11.729	5.9392	0.316
9:31:46	11.7349	5.9279	0.3219
9:31:56	11.7593	5.9112	0.3231
9:32:06	11.7939	5.8797	0.3219
9:32:16	11.7843	5.8957	0.3249
9:32:26	11.8873	5.7904	0.3368
9:32:36	12.0765	5.6624	0.338
9:32:46	12.1908	5.5958	0.3219
9:32:56	12.2688	5.5553	0.3285
9:33:06	12.2384	5.5898	0.3296

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
9:33:16	12.2057	5.6017	0.3296
9:33:26	12.1753	5.6124	0.338
9:33:36	12.1337	5.6493	0.338
9:33:46	12.1259	5.644	0.3171
9:33:56	12.1337	5.6309	0.307
9:34:06	12.2307	5.572	0.2987
9:34:16	12.1735	5.6249	0.2898
9:34:26	12.1866	5.5946	0.2826
9:34:36	12.1485	5.6339	0.2999
9:34:46	12.1182	5.6452	0.307
9:34:56	12.139	5.6392	0.3136
9:35:06	12.1795	5.6071	0.3148
9:35:16	12.2384	5.569	0.3148
9:35:26	12.3396	5.5137	0.3136
9:35:36	12.3432	5.525	0.2987
9:35:46	12.3449	5.522	0.2987
9:35:56	12.3283	5.5315	0.3023
9:36:06	12.3646	5.5119	0.2963
9:36:16	12.3509	5.5196	0.2987
9:36:26	12.3586	5.5202	0.2922
9:36:36	12.3622	5.5083	0.2826
9:36:46	12.3812	5.5065	0.3058
9:36:56	12.5627	5.3637	0.3148
9:37:06	12.6657	5.3226	0.3148
9:37:16	12.6121	5.3435	0.2999
9:37:26	12.633	5.3339	0.3148
9:37:36	12.5187	5.4208	0.3023
9:37:46	12.4175	5.4797	0.2987
9:37:56	12.5169	5.4006	0.307
9:38:06	12.5895	5.3732	0.3058
9:38:16	12.4711	5.4625	0.2987
9:38:26	12.3568	5.5256	0.307
9:38:36	12.3396	5.5333	0.307
9:38:46	12.3646	5.5208	0.2999
9:38:56	12.3985	5.5053	0.307
9:39:06	12.4485	5.4744	0.3219
9:39:16	12.5134	5.4274	0.3148
9:39:26	12.5895	5.3815	0.3148
9:39:36	12.6121	5.3756	0.2987
9:39:46	12.683	5.3357	0.307
9:39:56	12.7324	5.3012	0.3112
9:40:06	12.7591	5.2893	0.307
9:40:16	12.7478	5.297	0.3023
9:40:26	12.7782	5.2881	0.2987

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
9:40:36	12.7817	5.2899	0.291
9:40:46	12.8276	5.2661	0.2838
9:40:56	12.8317	5.2714	0.2862
9:41:06	12.7669	5.3107	0.2987
9:41:16	12.7306	5.3304	0.2951
9:41:26	12.8014	5.2869	0.2987
9:41:36	12.8561	5.2703	0.291
9:41:46	12.843	5.2744	0.2838
9:41:56	12.8204	5.2828	0.2838
9:42:06	12.7895	5.2988	0.2791
9:42:16	12.7895	5.2893	0.2922
9:42:26	12.7817	5.3089	0.2987
9:42:36	12.7895	5.3	0.2838
9:42:46	12.8204	5.2816	0.2826
9:42:56	12.8276	5.2714	0.2749
9:43:06	12.8145	5.2738	0.2826
9:43:16	12.6425	5.3756	0.2862
9:43:26	12.4193	5.5089	0.291
9:43:36	12.2289	5.6089	0.2987
9:43:46	12.2057	5.6119	0.2987
9:43:56	12.242	5.5744	0.2987
9:44:06	12.1866	5.6202	0.2987
9:44:16	12.1105	5.6797	0.307
9:44:26	12.0974	5.6803	0.2987
9:44:36	12.0706	5.7047	0.2987
9:44:46	12.0343	5.7166	0.291
9:44:56	12.1087	5.6636	0.2862
9:45:06	12.0569	5.7166	0.2826
9:45:16	11.9772	5.7654	0.2826
9:45:26	11.92	5.81	0.2826
9:45:36	11.9278	5.8094	0.2826
9:45:46	11.9468	5.794	0.2826
9:45:56	11.9391	5.8029	0.2791
9:46:06	11.9236	5.8219	0.2636
9:46:16	11.9141	5.8303	0.2588
9:46:26	11.8968	5.8553	0.26
9:46:36	11.8778	5.8689	0.2678
9:46:46	11.8855	5.8588	0.2749
9:46:56	11.8796	5.8553	0.2761
9:47:06	11.8855	5.8523	0.2838
9:47:16	11.8986	5.8523	0.2785
9:47:26	12.0075	5.7642	0.2678
9:47:36	12.1658	5.6583	0.2826
9:47:46	12.3146	5.5631	0.2826

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
9:47:56	12.3699	5.5369	0.2678
9:48:06	12.3985	5.5178	0.2749
9:48:16	12.4193	5.4946	0.26
9:48:26	12.458	5.4785	0.26
9:48:36	12.4443	5.5006	0.26
9:48:46	12.4044	5.5196	0.2749
9:48:56	12.4027	5.519	0.2666
9:49:06	12.4122	5.5012	0.2678
9:49:16	12.4461	5.4869	0.26
9:49:26	12.4675	5.4756	0.2529
9:49:36	12.4747	5.4625	0.2529
9:49:46	12.5074	5.4464	0.2529
9:49:56	12.5645	5.4167	0.2529
9:50:06	12.6467	5.3435	0.26
9:50:16	12.799	5.2578	0.2678
9:50:26	12.824	5.2244	0.2612
9:50:36	12.8395	5.2328	0.2761
9:50:46	12.6693	5.3476	0.2791
9:50:56	12.6467	5.3316	0.2713
9:51:06	12.6449	5.3554	0.2713
9:51:16	12.633	5.372	0.2761
9:51:26	12.6425	5.3798	0.2761
9:51:36	12.6199	5.3958	0.2678
9:51:46	12.6139	5.3964	0.2678
9:51:56	12.5568	5.4327	0.2678
9:52:06	12.536	5.4411	0.2678
9:52:16	12.5092	5.4607	0.2749
9:52:26	12.4634	5.4815	0.2725
9:52:36	12.3872	5.5285	0.2838
9:52:46	12.292	5.5821	0.2826
9:52:56	12.3068	5.5625	0.2678
9:53:06	12.292	5.572	0.26
9:53:16	12.2729	5.5898	0.2713
9:53:26	12.2325	5.6011	0.2761
9:53:36	12.2253	5.6041	0.2761
9:53:46	12.2021	5.6285	0.2761
9:53:56	12.1485	5.6839	0.26
9:54:06	12.0878	5.7231	0.26
9:54:16	12.0861	5.7184	0.26
9:54:26	12.0664	5.7231	0.26
9:54:36	12.0896	5.6987	0.2564
9:54:46	12.1122	5.6922	0.2678
9:54:56	12.1009	5.7005	0.2678
9:55:06	12.1563	5.6476	0.2666

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
9:55:16	12.1813	5.6434	0.26
9:55:26	12.0974	5.7035	0.26
9:55:36	12.0629	5.7237	0.2761
9:55:46	12.0896	5.694	0.2838
9:55:56	12.0819	5.7225	0.2689
9:56:06	12.0801	5.7148	0.2761
9:56:16	12.0361	5.7642	0.2678
9:56:26	11.9754	5.7987	0.2678
9:56:36	11.9254	5.8255	0.26
9:56:46	11.8111	5.9094	0.26
9:56:56	11.7332	5.9481	0.26
9:57:06	11.7117	5.9743	0.2761
9:57:16	11.6778	5.9886	0.2761
9:57:26	11.6814	5.985	0.2761
9:57:36	11.6373	6.0201	0.2678
9:57:46	11.6183	6.032	0.2761
9:57:56	11.626	6.0249	0.2689
9:58:06	11.6129	6.0308	0.2749
9:58:16	11.6278	6.0177	0.2761
9:58:26	11.6147	6.0356	0.2838
9:58:36	11.6641	5.9886	0.2838
9:58:46	11.704	5.9778	0.2761
9:58:56	11.5975	6.0879	0.2439
9:59:06	11.6088	6.0504	0.2451
9:59:16	11.6433	6.0463	0.26
9:59:26	11.7653	5.9415	0.26
9:59:36	11.9123	5.8428	0.2678
9:59:46	11.9885	5.788	0.26
9:59:56	12.1069	5.6975	0.2666
10:00:06	12.1813	5.6553	0.26
10:00:16	12.2801	5.5797	0.2678
10:00:26	12.261	5.6113	0.2529
10:00:36	12.261	5.6029	0.2404
10:00:46	12.2212	5.6368	0.2356
10:00:56	12.1009	5.7368	0.2291
10:01:06	12.0361	5.7678	0.2368
10:01:16	12.0629	5.7338	0.2451
10:01:26	12.0688	5.7398	0.2451
10:01:36	12.0878	5.7261	0.2451
10:01:46	12.0861	5.7386	0.2451
10:01:56	12.0783	5.7356	0.2493
10:02:06	12.1676	5.6636	0.2404
10:02:16	12.2021	5.647	0.2439
10:02:26	12.2134	5.6333	0.2439

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:02:36	12.2057	5.6523	0.2439
10:02:46	12.1182	5.7291	0.2451
10:02:56	12.0801	5.7571	0.2439
10:03:06	12.1069	5.7249	0.2451
10:03:16	12.145	5.7017	0.2451
10:03:26	12.145	5.7029	0.2529
10:03:36	12.164	5.6952	0.2487
10:03:46	12.1241	5.7202	0.2529
10:03:56	12.3509	5.5143	0.2439
10:04:06	12.4901	5.4393	0.2291
10:04:16	12.5705	5.4	0.2368
10:04:26	12.4521	5.4982	0.2451
10:04:36	12.3872	5.5101	0.2451
10:04:46	12.5151	5.4262	0.2368
10:04:56	12.4806	5.4678	0.2451
10:05:06	12.4122	5.5065	0.2451
10:05:16	12.4253	5.4946	0.2487
10:05:26	12.4598	5.4899	0.2451
10:05:36	12.4521	5.5137	0.2451
10:05:46	12.5758	5.4149	0.2368
10:05:56	12.6812	5.3583	0.2428
10:06:06	12.824	5.2768	0.2416
10:06:16	12.8603	5.2661	0.2428
10:06:26	12.9043	5.228	0.2451
10:06:36	12.9978	5.1768	0.2291
10:06:46	13.0603	5.134	0.238
10:06:56	13.0662	5.1566	0.2529
10:07:06	13.0299	5.1691	0.26
10:07:16	13.0567	5.1637	0.2517
10:07:26	12.9763	5.2221	0.2529
10:07:36	12.8371	5.3083	0.2517
10:07:46	12.8924	5.2691	0.2439
10:07:56	12.9383	5.2393	0.2291
10:08:06	12.9139	5.2691	0.2368
10:08:16	12.8335	5.3161	0.2368
10:08:26	12.8204	5.3232	0.2368
10:08:36	12.8163	5.3298	0.2368
10:08:46	12.8127	5.3327	0.2291
10:08:56	12.7556	5.3762	0.2439
10:09:06	12.6961	5.4071	0.2368
10:09:16	12.652	5.4297	0.2279
10:09:26	12.5627	5.4738	0.2291
10:09:36	12.5514	5.472	0.2219
10:09:46	12.5324	5.4744	0.2326

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:09:56	12.4842	5.4845	0.2368
10:10:06	12.4158	5.5369	0.2451
10:10:16	12.3205	5.5791	0.2439
10:10:26	12.2592	5.6124	0.2368
10:10:36	12.2081	5.6493	0.2368
10:10:46	12.1676	5.6761	0.238
10:10:56	12.0992	5.7249	0.2439
10:11:06	12.1069	5.7249	0.2404
10:11:16	12.1051	5.7202	0.2326
10:11:26	12.1545	5.672	0.2207
10:11:36	12.1372	5.6993	0.2368
10:11:46	12.0438	5.7606	0.2291
10:11:56	12.0135	5.7731	0.2338
10:12:06	11.9944	5.7874	0.2207
10:12:16	12.0057	5.7737	0.2291
10:12:26	11.9599	5.8142	0.2368
10:12:36	11.8379	5.9023	0.2207
10:12:46	11.7367	5.9582	0.2279
10:12:56	11.7463	5.9398	0.2291
10:13:06	11.8284	5.8797	0.2207
10:13:16	11.8129	5.9058	0.2291
10:13:26	11.7766	5.9219	0.2291
10:13:36	11.6623	6.0207	0.2368
10:13:46	11.5897	6.0659	0.2326
10:13:56	11.5749	6.0778	0.2368
10:14:06	11.5939	6.0641	0.2368
10:14:16	11.5939	6.0641	0.2368
10:14:26	11.6129	6.0451	0.2291
10:14:36	11.6451	6.0308	0.213
10:14:46	11.6278	6.0445	0.2118
10:14:56	11.5915	6.0641	0.213
10:15:06	11.6034	6.06	0.2207
10:15:16	11.6451	6.0207	0.2291
10:15:26	11.7064	5.9832	0.2368
10:15:36	11.729	5.982	0.2451
10:15:46	11.7463	5.9558	0.2451
10:15:56	11.9081	5.8505	0.2451
10:16:06	11.9885	5.8231	0.2451
10:16:16	12.0075	5.8195	0.238
10:16:26	12.0402	5.7904	0.2451
10:16:36	12.042	5.8035	0.2326
10:16:46	12.0188	5.8148	0.2196
10:16:56	12.0593	5.7797	0.2207
10:17:06	12.1866	5.672	0.213

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:17:16	12.3699	5.5523	0.2059
10:17:26	12.5056	5.4631	0.2368
10:17:36	12.6502	5.3744	0.2428
10:17:46	12.8335	5.2554	0.2451
10:17:56	12.8371	5.2709	0.2356
10:18:06	12.8276	5.2661	0.2326
10:18:16	12.8811	5.2268	0.2207
10:18:26	12.9519	5.1792	0.2207
10:18:36	13.0186	5.1447	0.2243
10:18:46	12.927	5.2226	0.2207
10:18:56	12.8585	5.253	0.2279
10:19:06	12.8776	5.2459	0.2291
10:19:16	12.7817	5.306	0.2291
10:19:26	12.6389	5.3893	0.2142
10:19:36	12.5247	5.4393	0.2106
10:19:46	12.5455	5.3964	0.2047
10:19:56	12.5586	5.3928	0.1981
10:20:06	12.6925	5.2893	0.2059
10:20:16	12.5324	5.4232	0.213
10:20:26	12.3283	5.5095	0.2142
10:20:36	12.2902	5.5309	0.2207
10:20:46	12.1771	5.6357	0.2166
10:20:56	12.1295	5.6577	0.2059
10:21:06	12.0861	5.6975	0.213
10:21:16	12.0117	5.7452	0.213
10:21:26	12.0135	5.7291	0.213
10:21:36	11.9998	5.7469	0.213
10:21:46	11.9046	5.8261	0.213
10:21:56	11.8302	5.8826	0.2047
10:22:06	11.7921	5.9076	0.213
10:22:16	11.8284	5.8695	0.2094
10:22:26	11.8111	5.9035	0.213
10:22:36	11.7367	5.9576	0.213
10:22:46	11.6588	6.0118	0.1969
10:22:56	11.607	6.0558	0.1981
10:23:06	11.6338	6.0064	0.2047
10:23:16	11.6927	5.9707	0.213
10:23:26	11.6129	6.0391	0.2207
10:23:36	11.5784	6.0528	0.2291
10:23:46	11.5749	6.0528	0.213
10:23:56	11.6201	6.01	0.1957
10:24:06	11.6891	5.9582	0.1993
10:24:16	11.7635	5.9035	0.1981
10:24:26	11.8742	5.8184	0.191



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:24:36	11.9635	5.7719	0.1773
10:24:46	11.8837	5.8523	0.2017
10:24:56	11.773	5.9356	0.213
10:25:06	11.7082	5.957	0.213
10:25:16	11.704	5.9576	0.213
10:25:26	11.7308	5.9219	0.2178
10:25:36	11.748	5.9195	0.213
10:25:46	11.7593	5.913	0.2047
10:25:56	11.7367	5.9279	0.1969
10:26:06	11.779	5.8981	0.1934
10:26:16	11.71	5.9653	0.1946
10:26:26	11.5915	6.0534	0.2047
10:26:36	11.5326	6.0963	0.213
10:26:46	11.5213	6.11	0.2207
10:26:56	11.4868	6.1457	0.2154
10:27:06	11.5517	6.0927	0.213
10:27:16	11.6088	6.0582	0.2207
10:27:26	11.6415	6.0362	0.2291
10:27:36	11.6873	5.9957	0.2207
10:27:46	11.651	6.0356	0.2196
10:27:56	11.5552	6.0969	0.2094
10:28:06	11.5552	6.0862	0.2166
10:28:16	11.5439	6.1034	0.2059
10:28:26	11.5802	6.076	0.1969
10:28:36	11.5689	6.0909	0.1969
10:28:46	11.6493	6.0177	0.1969
10:28:56	11.8302	5.9017	0.1969
10:29:06	11.8891	5.8779	0.1969
10:29:16	11.9123	5.863	0.2094
10:29:26	11.9694	5.8255	0.213
10:29:36	11.9849	5.8184	0.213
10:29:46	12.0438	5.7678	0.2059
10:29:56	12.0801	5.7362	0.1898
10:30:06	12.0896	5.7273	0.191
10:30:16	12.0783	5.7499	0.1969
10:30:26	12.0611	5.7636	0.1981
10:30:36	12.0533	5.769	0.1981
10:30:46	12.0515	5.763	0.2094
10:30:56	12.1866	5.6577	0.2219
10:31:06	12.3836	5.5517	0.2219
10:31:16	12.4866	5.5065	0.213
10:31:26	12.4901	5.5143	0.2142
10:31:36	12.4919	5.5035	0.2207
10:31:46	12.5895	5.4458	0.2255

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:31:56	12.6371	5.4107	0.213
10:32:06	12.6467	5.4071	0.2047
10:32:16	12.6467	5.403	0.2047
10:32:26	12.6621	5.3976	0.1981
10:32:36	12.6812	5.3839	0.1969
10:32:46	12.6883	5.3762	0.1981
10:32:56	12.658	5.4	0.1898
10:33:06	12.5854	5.4381	0.1969
10:33:16	12.6104	5.4161	0.2059
10:33:26	12.6562	5.3905	0.213
10:33:36	12.6734	5.3821	0.2207
10:33:46	12.658	5.4012	0.2196
10:33:56	12.5395	5.4631	0.213
10:34:06	12.433	5.519	0.2047
10:34:16	12.389	5.5392	0.2047
10:34:26	12.3967	5.5327	0.1969
10:34:36	12.4253	5.5035	0.213
10:34:46	12.4538	5.4869	0.213
10:34:56	12.4348	5.4982	0.1969
10:35:06	12.53	5.4226	0.1969
10:35:16	12.5247	5.4458	0.1969
10:35:26	12.5532	5.4178	0.2059
10:35:36	12.5264	5.4607	0.2142
10:35:46	12.5455	5.4274	0.2059
10:35:56	12.5324	5.4446	0.1981
10:36:06	12.4122	5.5244	0.1981
10:36:16	12.2747	5.6065	0.2047
10:36:26	12.1545	5.6773	0.2142
10:36:36	12.1372	5.6874	0.2279
10:36:46	12.0896	5.7356	0.2368
10:36:56	12.0266	5.7713	0.2291
10:37:06	12.0022	5.785	0.2291
10:37:16	11.992	5.7957	0.2279
10:37:26	11.9754	5.8088	0.2207
10:37:36	11.9373	5.8285	0.2207
10:37:46	11.9486	5.8172	0.2207
10:37:56	11.8337	5.9177	0.2291
10:38:06	11.7064	5.9909	0.2196
10:38:16	11.685	6.0011	0.2047
10:38:26	11.6796	6.0022	0.213
10:38:36	11.7332	5.957	0.2207
10:38:46	11.7576	5.9499	0.2166
10:38:56	11.6814	6.0088	0.213
10:39:06	11.6778	5.9933	0.213

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
10:39:16	11.7498	5.9421	0.2047
10:39:26	11.7712	5.9302	0.2041
10:39:36	11.798	5.8987	0.1969
10:39:46	11.8855	5.8309	0.1969
10:39:56	11.9825	5.7743	0.1898
10:40:06	12.0212	5.7559	0.1969
10:40:16	11.9867	5.7719	0.2047
10:40:26	11.9807	5.769	0.1868
10:40:36	12.0551	5.7362	0.1981
10:40:46	12.0569	5.7422	0.191
10:40:56	12.0361	5.7743	0.1898
10:41:06	12.0402	5.7612	0.1898
10:41:16	12.0402	5.7636	0.1832
10:41:26	12.0117	5.785	0.1898
10:41:36	11.9581	5.8314	0.191
10:41:46	11.8968	5.8886	0.1969
10:41:56	11.8796	5.9011	0.1898
<b>End Run 1A</b>	<b>12.19793</b>	<b>5.653521</b>	<b>0.248918</b>
10:42:06	11.973	5.8291	0.1898
10:42:16	12.0361	5.7975	0.1898
10:42:26	12.0956	5.7684	0.1946
10:42:36	12.1164	5.7547	0.1969
10:42:46	12.1009	5.7577	0.1898
10:42:56	12.0819	5.7571	0.1969
10:43:06	12.0515	5.7803	0.213
10:43:16	12.0456	5.7797	0.1981
10:43:26	11.9658	5.8392	0.1821
10:43:36	11.9028	5.8677	0.1934
10:43:46	11.8742	5.8826	0.1898
10:43:56	11.8337	5.9011	0.1969
10:44:06	11.8683	5.8689	0.2178
10:44:16	11.87	5.8749	0.2207
10:44:26	11.87	5.8761	0.2207
10:44:36	11.9331	5.8041	0.2291
10:44:46	12.12	5.6422	0.2243
10:44:56	12.5169	5.3411	0.213
10:45:06	13.0793	4.9483	0.213
10:45:16	13.4441	4.7001	0.1981
10:45:26	13.3578	4.7436	0.2017
10:45:36	13.1579	4.8198	0.1898
10:45:46	12.9573	4.931	0.1892
10:45:56	12.5681	5.1494	0.1898
10:46:06	12.2783	5.2792	0.1981

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
10:46:16	12.1432	5.3417	0.1969
10:46:26	12.0533	5.3756	0.2368
10:46:36	11.6225	5.2215	0.5516
10:46:46	3.2659	1.0337	0.1077
10:46:56	1.3413	0.6242	0.072
10:47:06	0.4505	0.2213	0.0559
10:47:16	0.1279	0.1023	0.047
10:47:26	0.0648	0.0833	0.0422
10:47:36	0.0476	0.0708	0.0309
10:47:46	0.0363	0.0648	0.0345
10:47:56	0.0309	0.0613	0.0273
10:48:06	0.0232	0.0529	0.0208
10:48:16	0.0172	0.0482	0.0184
<b>Zero Bias</b>	<b>0.023767</b>	<b>0.054133</b>	<b>0.022167</b>
10:48:26	0.0172	0.0464	0.0321
10:48:36	6.2147	3.4903	0.1065
10:48:46	7.6412	7.9792	0.0422
10:48:56	9.3908	9.1974	0.0422
10:49:06	9.9359	9.9145	0.0422
10:49:16	10.0508	10.0323	0.0345
10:49:26	10.0674	10.0615	0.0345
10:49:36	10.0752	10.0746	0.0357
10:49:46	10.077	10.0829	0.0422
10:49:56	10.0793	10.0877	0.041
10:50:06	10.0793	10.0954	0.0357
10:50:16	10.0829	10.1014	0.038
<b>O2/CO2 Bias</b>	<b>10.0805</b>	<b>10.09483</b>	<b>0.038233</b>
10:50:26	10.0865	10.1049	0.047
10:50:36	10.5179	8.4357	0.2047
10:50:46	11.4374	8.9826	13.7304
10:50:56	19.2846	1.1229	21.4256
10:51:06	20.0968	0.67	21.698
10:51:16	20.6482	0.2106	21.8068
10:51:26	20.7323	0.1327	21.9282
10:51:36	20.7529	0.11	22.0354
10:51:46	20.7625	0.0922	22.1064
10:51:56	20.772	0.0809	22.2096
10:52:06	20.7761	0.0755	22.2681
10:52:16	20.7781	0.0726	21.697
10:52:26	16.9059	2.9755	12.3664
10:52:36	20.4573	0.1535	8.616
10:52:46	20.4498	0.3029	7.8239

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
10:52:56	20.7091	0.1083	7.8274
10:53:06	20.7781	0.0624	7.8429
10:53:16	20.7856	0.0559	7.834
10:53:26	19.1662	1.1164	4.6192
10:53:36	20.198	0.232	19.3324
10:53:46	20.484	0.2826	22.6467
10:53:56	20.6824	0.1148	22.7545
10:54:06	20.7816	0.0476	22.8114
10:54:16	20.7952	0.0392	22.8824
10:54:26	20.8007	0.0357	22.9408
10:54:36	20.8027	0.0339	22.972
10:54:46	20.7987	0.0339	22.975
10:54:56	20.8007	0.0327	24.7641
10:55:06	20.7987	0.0327	24.7847
10:55:16	20.7987	0.0339	24.8326
10:55:26	20.8027	0.0327	24.8829
10:55:36	20.8027	0.0345	24.9358
10:55:46	20.8048	0.0327	24.7631
10:55:56	20.8048	0.0321	24.7893
10:56:06	20.8048	0.0238	24.8039
10:56:16	20.8048	0.022	24.8316
10:56:26	20.8083	0.0238	24.8855
10:56:36	20.8063	0.0232	24.9288
10:56:46	20.8048	0.0267	17.2462
10:56:56	14.7355	4.0289	1.1342
10:57:06	14.0083	4.2586	0.4064
10:57:16	13.4019	4.6192	0.3719
10:57:26	13.1537	4.762	0.3529
10:57:36	13.0644	4.8114	0.3433
10:57:46	13.0246	4.8376	0.3296
10:57:56	12.9043	4.9114	0.3219
10:58:06	12.7193	5.0203	0.3148
10:58:16	12.5586	5.1054	0.3148
10:58:26	12.4235	5.1828	0.3219
10:58:36	12.2688	5.2691	0.3148
10:58:46	12.2057	5.2953	0.307
10:58:56	12.164	5.3179	0.307
10:59:06	12.0765	5.3708	0.2987
10:59:16	11.9254	5.4553	0.291
10:59:26	11.8492	5.4904	0.2826
10:59:36	11.8171	5.5071	0.2826
10:59:46	11.7671	5.5315	0.2826
10:59:56	11.729	5.5517	0.2826
11:00:06	11.6927	5.5732	0.2678

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:00:16	11.71	5.5648	0.2517
11:00:26	11.704	5.5761	0.2439
11:00:36	11.6606	5.6136	0.2517
11:00:46	11.6659	5.6083	0.2529
11:00:56	11.6754	5.5976	0.2451
11:01:06	11.6641	5.6083	0.2451
11:01:16	11.6606	5.6148	0.2439
11:01:26	11.6433	5.6232	0.2439
11:01:36	11.6243	5.6357	0.2439
11:01:46	11.6034	5.6523	0.2517
11:01:56	11.6147	5.6464	0.2439
11:02:06	11.6659	5.6059	0.2291
11:02:16	11.6373	5.6285	0.2196
11:02:26	11.7141	5.566	0.2207
11:02:36	11.9331	5.4571	0.2368
11:02:46	12.1027	5.3756	0.2291
11:02:56	12.2271	5.3113	0.2291
11:03:06	12.2515	5.297	0.2368
11:03:16	12.2938	5.2703	0.2291
11:03:26	12.3051	5.2649	0.2291
11:03:36	12.292	5.2685	0.2291
11:03:46	12.2842	5.2792	0.2392
11:03:56	12.1849	5.3464	0.2368
11:04:06	12.0646	5.4059	0.2291
11:04:16	12.0152	5.4196	0.2255
11:04:26	11.9712	5.4446	0.213
11:04:36	11.9522	5.444	0.2356
11:04:46	11.9522	5.469	0.2291
11:04:56	11.9176	5.4732	0.2279
11:05:06	11.9236	5.4649	0.2207
11:05:16	11.9254	5.4595	0.213
11:05:26	11.9409	5.4476	0.213
11:05:36	11.9373	5.4524	0.213
11:05:46	12.0039	5.4119	0.213
11:05:56	12.1908	5.3083	0.2059
11:06:06	12.3205	5.2435	0.2207
11:06:16	12.3699	5.2268	0.2178
11:06:26	12.3717	5.228	0.2207
11:06:36	12.3586	5.2328	0.2243
11:06:46	12.3759	5.2244	0.2005
11:06:56	12.3967	5.2024	0.2047
11:07:06	12.3967	5.2173	0.2047
11:07:16	12.3967	5.2107	0.2047
11:07:26	12.4122	5.2042	0.2207

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:07:36	12.4348	5.1899	0.213
11:07:46	12.4443	5.184	0.1993
11:07:56	12.4312	5.1953	0.2142
11:08:06	12.4538	5.1792	0.2243
11:08:16	12.4598	5.1774	0.2166
11:08:26	12.4806	5.1727	0.2017
11:08:36	12.4616	5.1852	0.1969
11:08:46	12.4919	5.1649	0.1969
11:08:56	12.5092	5.1405	0.2059
11:09:06	12.5074	5.15	0.2207
11:09:16	12.5187	5.1477	0.2291
11:09:26	12.5014	5.1619	0.2142
11:09:36	12.5032	5.1631	0.2207
11:09:46	12.5134	5.153	0.2047
11:09:56	12.536	5.1352	0.213
11:10:06	12.5491	5.1304	0.2166
11:10:16	12.5395	5.1387	0.2047
11:10:26	12.536	5.1411	0.2017
11:10:36	12.5514	5.1334	0.1969
11:10:46	12.5491	5.1298	0.213
11:10:56	12.5586	5.134	0.2142
11:11:06	12.5324	5.1435	0.2291
11:11:16	12.5437	5.1381	0.2207
11:11:26	12.5491	5.134	0.213
11:11:36	12.555	5.1233	0.2207
11:11:46	12.5681	5.1274	0.2279
11:11:56	12.5681	5.1274	0.2082
11:12:06	12.5532	5.1334	0.1969
11:12:16	12.5473	5.1375	0.1773
11:12:26	12.5264	5.153	0.1821
11:12:36	12.5247	5.1578	0.1743
11:12:46	12.5056	5.1715	0.1749
11:12:56	12.5134	5.1518	0.1957
11:13:06	12.5324	5.1489	0.1898
11:13:16	12.5205	5.1566	0.1898
11:13:26	12.5229	5.1566	0.1969
11:13:36	12.5342	5.1489	0.1969
11:13:46	12.5378	5.1393	0.2047
11:13:56	12.5247	5.1602	0.1969
11:14:06	12.5056	5.1715	0.1898
11:14:16	12.5342	5.1548	0.1898
11:14:26	12.5264	5.1596	0.1856
11:14:36	12.5282	5.1441	0.1898
11:14:46	12.5342	5.1459	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:14:56	12.5342	5.1435	0.1969
11:15:06	12.5014	5.1685	0.2094
11:15:16	12.4937	5.1715	0.2291
11:15:26	12.4824	5.181	0.2279
11:15:36	12.4997	5.1715	0.2338
11:15:46	12.4884	5.1774	0.2689
11:15:56	12.5491	5.1393	0.2493
11:16:06	12.4901	5.1738	0.1969
11:16:16	12.5264	5.1715	0.1743
11:16:26	12.5169	5.1679	0.1648
11:16:36	12.5324	5.1554	0.1594
11:16:46	12.6234	5.0739	5.71
11:16:56	6.783	0.8539	0.5713
11:17:06	1.9382	0.4576	0.038
11:17:16	0.5873	0.1588	0.0136
11:17:26	0.1184	0.0892	-0.0078
11:17:36	0.0613	0.0749	-0.0024
11:17:46	0.0422	0.0636	0.0047
11:17:56	0.0327	0.0583	0.0047
11:18:06	0.0267	0.0541	0.0184
11:18:16	0.0208	0.0553	0.0184
11:18:26	0.0267	0.0517	0.0113
11:18:36	0.0136	0.0452	0.0047
11:18:46	0.1053	0.0726	0.0851
11:18:56	4.2538	1.0622	11.0286
11:19:06	18.4049	0.0999	21.2026
11:19:16	19.3702	0.2071	21.619
11:19:26	20.1028	0.1136	21.7736
11:19:36	20.5812	0.0624	21.9695
11:19:46	20.7131	0.0488	22.1487
11:19:56	20.7529	0.0458	22.2827
11:20:06	20.761	0.0446	22.4498
11:20:16	20.7685	0.0428	22.6241
11:20:26	20.7761	0.0434	22.7796
11:20:36	20.774	0.0398	22.9156
11:20:46	20.7816	0.0351	23.046
11:20:56	20.7816	0.0345	23.1558
11:21:06	20.7876	0.0345	23.252
11:21:16	20.7856	0.0345	23.3542
11:21:26	20.7932	0.0339	23.4891
11:21:36	20.7892	0.0327	23.5853
11:21:46	20.8007	0.0339	23.7213
11:21:56	20.7972	0.0327	23.7616
11:22:06	20.8007	0.0345	23.8517



24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:22:16	20.8027	0.0339	23.9272
11:22:26	20.8083	0.0351	24.0304
11:22:36	20.7987	0.0369	24.1176
11:22:46	20.8027	0.0315	24.1734
11:22:56	20.8179	0.0291	24.2399
11:23:06	20.8027	0.0285	24.2867
11:23:16	20.8103	0.0297	24.3255
11:23:26	20.8083	0.0297	24.393
11:23:36	20.8143	0.0309	24.4746
11:23:46	20.8083	0.0297	24.534
11:23:56	20.8103	0.0315	24.607
11:24:06	20.8048	0.0321	24.6508
11:24:16	20.8083	0.0315	23.6493
11:24:26	17.4703	2.4447	16.3352
11:24:36	20.6461	0.0624	15.2711
11:24:46	20.5928	0.1392	15.089
11:24:56	20.6844	0.0666	15.1211
11:25:06	20.7187	0.0232	15.1574
11:25:16	20.7207	0.0184	15.1723
11:25:26	20.7227	0.019	15.1931
11:25:36	20.7262	0.0178	15.233
11:25:46	20.7166	0.0208	15.2592
11:25:56	20.7282	0.0208	15.2824
11:26:06	20.5374	0.1392	11.1208
11:26:16	20.055	0.1809	10.1049
11:26:26	20.696	0.1047	8.7517
11:26:36	20.6824	0.1041	8.7528
11:26:46	20.7816	0.0398	8.7725
11:26:56	20.8048	0.0267	8.7874
11:27:06	20.8103	0.0232	8.8022
11:27:16	20.8123	0.0136	8.7963
11:27:26	20.8083	0.0148	8.8112
11:27:36	20.8063	0.0125	8.8183
11:27:46	20.8123	0.0136	8.7094
11:27:56	16.2382	3.6533	2.4113
11:28:06	13.1674	4.7817	0.3529
11:28:16	12.8621	4.9685	0.3148
11:28:26	12.5264	5.1631	1.1307
11:28:36	19.0957	0.6706	16.7311
11:28:46	20.1295	0.4844	23.33
11:28:56	20.5052	0.2267	23.7193
11:29:06	20.7453	0.0702	24.1412
11:29:16	20.7932	0.0422	24.4242
11:29:26	20.7972	0.0321	24.6166

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:29:36	20.8007	0.0398	24.7535
11:29:46	20.8103	0.0369	24.8568
11:29:56	20.8103	0.0339	24.9665
11:30:06	20.8063	0.0321	24.8542
11:30:16	20.8103	0.0309	24.8452
11:30:26	20.8103	0.0285	24.8432
11:30:36	20.8143	0.0267	24.9016
11:30:46	20.8179	0.0244	24.9736
11:30:56	20.8158	0.0232	24.8306
11:31:06	20.8123	0.022	24.8477
11:31:16	20.8143	0.0232	24.9539
11:31:26	20.8103	0.0202	25.0808
11:31:36	20.8143	0.0184	25.1543
11:31:46	20.8158	0.0392	25.2238
11:31:56	20.8158	0.0297	24.8306
11:32:06	20.8143	0.0297	24.8406
11:32:16	20.8103	0.0315	24.8145
11:32:26	20.8143	0.0327	24.7722
11:32:36	20.8179	0.0327	24.7973
<b>THC Span Bias 24.7</b>	<b>20.81417</b>	<b>0.0323</b>	<b>24.79467</b>
11:32:46	20.8219	0.0339	24.6553
11:32:56	20.8179	0.0339	24.6941
11:33:06	20.8143	0.0327	24.7364
11:33:16	20.8179	0.0339	24.756
11:33:26	20.3909	0.2939	17.2689
11:33:36	20.202	0.1678	12.5663
11:33:46	20.7282	0.1017	8.6499
11:33:56	20.7015	0.1083	8.6053
11:34:06	20.7892	0.0398	8.6023
11:34:16	20.8143	0.0232	8.6124
11:34:26	20.8199	0.0214	8.594
11:34:36	20.8103	0.0202	8.6053
11:34:46	20.8103	0.0202	8.6136
<b>THC Low Bias</b>	<b>20.8135</b>	<b>0.0206</b>	<b>8.6043</b>
11:34:56	20.8083	0.019	8.6213
11:35:06	19.2367	1.1509	5.616
11:35:16	20.3047	0.1041	12.8317
11:35:26	20.6366	0.1005	15.0819
11:35:36	20.6195	0.1071	15.1497
11:35:46	20.7056	0.0422	15.1646
11:35:56	20.7282	0.0244	15.1771
11:36:06	20.7262	0.0136	15.2044

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
11:36:16	20.7302	0.0077	15.2169
11:36:26	20.7262	0.0077	15.2366
11:36:36	20.7378	0.0095	15.2443
<b>THC Mid Bias 14.7</b>	<b>20.7314</b>	<b>0.0083</b>	<b>15.2326</b>
11:36:46	20.7323	0.0083	15.1051
11:36:56	16.2691	3.5914	4.5073
11:37:06	16.9461	0.4921	5.4446
11:37:16	1.7895	0.1803	0.1487
11:37:26	1.1348	0.1963	-0.0078
11:37:36	0.4159	0.0613	-0.0114
11:37:46	0.1487	0.0273	-0.0262
11:37:56	0.0803	0.019	-0.0423
11:38:06	0.0613	0.0178	-0.0411
11:38:16	0.0535	0.0166	-0.056
11:38:26	0.038	0.0244	-0.05
11:38:36	0.038	0.0267	-0.05
11:38:46	0.0285	0.0261	-0.0548
<b>Zero Bias</b>	<b>0.034833</b>	<b>0.025733</b>	<b>-0.0516</b>
11:38:56	0.0309	0.0255	0.0011
11:39:06	10.8113	4.7251	0.2463
11:39:16	11.5594	4.8311	0.2987
11:39:26	12.0361	5.034	0.291
11:39:36	12.3378	5.1548	0.291
11:39:46	12.4556	5.1822	0.3088
11:39:56	12.4348	5.2232	0.2987
11:40:06	12.414	5.2405	0.2791
11:40:16	12.4044	5.2542	0.2826
11:40:26	12.4175	5.2381	0.2838
11:40:36	12.439	5.2411	0.2749
11:40:46	12.439	5.2328	0.2666
11:40:56	12.4407	5.2441	0.2517
11:41:06	12.4175	5.253	0.2439
11:41:16	12.4062	5.2619	0.2368
11:41:26	12.4253	5.2465	0.2356
11:41:36	12.4348	5.247	0.2326
11:41:46	12.4027	5.2661	0.2291
11:41:56	12.408	5.2625	0.2291
11:42:06	12.4271	5.25	0.2207
11:42:16	12.4634	5.2334	0.2207
11:42:26	12.4675	5.2417	0.2207
11:42:36	12.4461	5.2548	0.2291
11:42:46	12.4235	5.2661	0.2291

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:42:56	12.4288	5.2637	0.2059
11:43:06	12.4443	5.2673	0.2059
11:43:16	12.5032	5.2393	0.2047
11:43:26	12.5419	5.209	0.2047
11:43:36	12.561	5.1988	0.2047
11:43:46	12.5437	5.209	0.1993
11:43:56	12.536	5.2119	0.1969
11:44:06	12.5247	5.2232	0.1969
11:44:16	12.5324	5.2179	0.1969
11:44:26	12.555	5.2006	0.1981
11:44:36	12.5324	5.2203	0.1969
11:44:46	12.5282	5.2173	0.1969
11:44:56	12.5282	5.2197	0.1981
11:45:06	12.5229	5.2298	0.2047
11:45:16	12.5455	5.2221	0.1934
11:45:26	12.5151	5.2334	0.1898
11:45:36	12.5586	5.2119	0.2041
11:45:46	12.5395	5.225	0.1821
11:45:56	12.5324	5.2244	0.1821
11:46:06	12.5092	5.2381	0.1821
11:46:16	12.5014	5.25	0.1821
11:46:26	12.4961	5.2578	0.1743
11:46:36	12.5282	5.2286	0.1743
11:46:46	12.5455	5.2149	0.1743
11:46:56	12.5247	5.2334	0.1892
11:47:06	12.5568	5.2197	0.166
11:47:16	12.5437	5.2244	0.166
11:47:26	12.555	5.2256	0.1743
11:47:36	12.5681	5.2215	0.1832
11:47:46	12.7437	5.1221	0.1749
11:47:56	13.2668	4.8626	0.1672
11:48:06	13.5048	4.7894	0.1624
11:48:16	13.5869	4.7781	0.1743
11:48:26	13.5774	4.7906	0.1785
11:48:36	13.581	4.8079	0.1821
11:48:46	13.5869	4.809	0.1743
11:48:56	13.5887	4.8144	0.1731
11:49:06	13.5524	4.8352	0.1743
11:49:16	13.5393	4.8412	0.1821
11:49:26	13.5221	4.8537	0.1868
11:49:36	13.5185	4.8453	0.2005
11:49:46	13.484	4.8876	0.1809
11:49:56	13.2858	5.0495	0.1743
11:50:06	13.0436	5.2096	0.1749

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
11:50:16	13.0436	5.2084	0.1821
11:50:26	13.19	5.1649	0.1743
11:50:36	13.2281	5.1649	0.1743
11:50:46	13.2019	5.2054	0.1731
11:50:56	13.0168	5.3113	0.1743
11:51:06	12.8734	5.3756	0.1821
11:51:16	12.7746	5.4369	0.1898
11:51:26	12.6961	5.4702	0.1821
11:51:36	12.6865	5.4988	0.1856
11:51:46	12.6657	5.4976	0.1821
11:51:56	12.6353	5.5143	0.1761
11:52:06	12.6276	5.5113	0.1898
11:52:16	12.5758	5.541	0.1946
11:52:26	12.5151	5.5684	0.1981
11:52:36	12.53	5.5767	0.1969
11:52:46	12.5568	5.5571	0.1856
11:52:56	12.5378	5.5636	0.1868
11:53:06	12.4824	5.6083	0.1821
11:53:16	12.267	5.7517	0.1868
11:53:26	12.0861	5.8576	0.1898
11:53:36	12.0022	5.9279	0.1898
11:53:46	11.9635	5.9445	0.1821
11:53:56	11.9522	5.9421	0.1773
11:54:06	11.9218	5.9534	0.1743
11:54:16	11.9081	5.9528	0.1785
11:54:26	11.9105	5.963	0.1898
11:54:36	11.901	5.9814	0.1708
11:54:46	11.9063	5.9689	0.1749
11:54:56	11.9105	5.9606	0.1821
11:55:06	11.9123	5.9719	0.1832
11:55:16	11.8932	5.985	0.1898
11:55:26	11.8397	6.0278	0.1821
11:55:36	11.8397	6.0112	0.1832
11:55:46	11.8683	5.9737	0.1898
11:55:56	11.92	5.9481	0.1898
11:56:06	11.9486	5.9255	0.1898
11:56:16	11.9504	5.9284	0.1832
11:56:26	11.9563	5.9231	0.2047
11:56:36	11.9581	5.9261	0.1946
11:56:46	12.0039	5.8749	0.1898
11:56:56	12.0402	5.8576	0.1856
11:57:06	12.023	5.8689	0.1684
11:57:16	12.0212	5.8677	0.1832
11:57:26	12.0402	5.86	0.1624

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
11:57:36	12.1676	5.7707	0.1594
11:57:46	12.2479	5.71	0.1749
11:57:56	12.3092	5.6737	0.1797
11:58:06	12.3301	5.6666	0.1749
11:58:16	12.3354	5.6601	0.1731
11:58:26	12.3205	5.6821	0.1749
11:58:36	12.3128	5.6708	0.1672
11:58:46	12.3051	5.6827	0.1672
11:58:56	12.3931	5.619	0.1743
11:59:06	12.5187	5.5523	0.1821
11:59:16	12.5931	5.5172	0.1898
11:59:26	12.652	5.491	0.1969
11:59:36	12.6752	5.4738	0.1981
11:59:46	12.6407	5.4952	0.1969
11:59:56	12.58	5.5309	0.1981
12:00:06	12.5514	5.5416	0.1969
12:00:16	12.5455	5.5446	0.1969
12:00:26	12.555	5.525	0.1832
12:00:36	12.5491	5.5303	0.1743
12:00:46	12.5455	5.5232	0.191
12:00:56	12.5741	5.5232	0.2047
12:01:06	12.5491	5.5398	0.1719
12:01:16	12.5169	5.5559	0.1749
12:01:26	12.4866	5.5684	0.1672
12:01:36	12.511	5.5506	0.1749
12:01:46	12.5645	5.5166	0.1743
12:01:56	12.6675	5.4524	0.1743
12:02:06	12.7193	5.4274	0.1749
12:02:16	12.7365	5.4297	0.1708
12:02:26	12.7097	5.4381	0.1672
12:02:36	12.6788	5.4547	0.1594
12:02:46	12.6449	5.4637	0.1583
12:02:56	12.6407	5.4684	0.1559
12:03:06	12.5931	5.4881	0.1511
12:03:16	12.6217	5.4803	0.1594
12:03:26	12.5931	5.5018	0.1672
12:03:36	12.4884	5.5601	0.1672
12:03:46	12.4217	5.5928	0.1624
12:03:56	12.3568	5.6315	0.1594
12:04:06	12.3527	5.6285	0.1594
12:04:16	12.3378	5.638	0.1672
12:04:26	12.3283	5.6398	0.1749
12:04:36	12.3509	5.6255	0.1672
12:04:46	12.292	5.6767	0.1594

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
12:04:56	12.2366	5.7142	0.1594
12:05:06	12.1735	5.7582	0.1672
12:05:16	12.1795	5.7612	0.1594
12:05:26	12.1718	5.7475	0.1594
12:05:36	12.1718	5.7624	0.1743
12:05:46	12.1527	5.7886	0.1832
12:05:56	12.1485	5.8017	0.191
12:06:06	12.189	5.7707	0.1749
12:06:16	12.2098	5.7505	0.16
12:06:26	12.189	5.7553	0.1511
12:06:36	12.1771	5.7577	0.1464
12:06:46	12.1277	5.7904	0.1583
12:06:56	12.1164	5.807	0.1743
12:07:06	12.1087	5.8047	0.1821
12:07:16	12.1182	5.8017	0.1868
12:07:26	12.1146	5.8112	0.1821
12:07:36	12.1259	5.81	0.1821
12:07:46	12.17	5.7832	0.1898
12:07:56	12.2747	5.7136	0.1821
12:08:06	12.3378	5.6785	0.1743
12:08:16	12.3396	5.6898	0.1743
12:08:26	12.3259	5.694	0.1749
12:08:36	12.3949	5.6487	0.1672
12:08:46	12.4711	5.6142	0.1594
12:08:56	12.5056	5.5892	0.1583
12:09:06	12.5877	5.5381	0.1511
12:09:16	12.6865	5.4744	0.1743
12:09:26	12.8145	5.3982	0.191
12:09:36	12.9615	5.3244	0.1785
12:09:46	12.9668	5.3333	0.1672
12:09:56	13.0168	5.2625	0.1636
12:10:06	13.0835	5.2441	0.1832
12:10:16	13.1388	5.2125	0.1749
12:10:26	13.2055	5.1792	0.1743
12:10:36	13.2281	5.1709	0.1809
12:10:46	13.1864	5.2125	0.1672
12:10:56	13.0049	5.1846	0.1672
12:11:06	13.0853	5.247	0.16
12:11:16	13.0853	5.2476	0.1434
12:11:26	13.0739	5.2393	1.3366
12:11:36	15.1818	0.7587	7.0842
12:11:46	19.6985	0.5058	8.0334
12:11:56	20.1406	0.2029	9.1879
12:12:06	20.5318	0.1095	8.9498

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:12:16	20.6331	0.0797	8.6338
12:12:26	20.6537	0.0785	9.0837
12:12:36	20.6633	0.0613	8.9635
12:12:46	20.6618	0.0595	9.3343
12:12:56	20.6708	0.0488	10.2728
12:13:06	20.6844	0.0458	11.1928
12:13:16	20.6789	0.0446	11.8147
12:13:26	20.6804	0.0404	12.0938
12:13:36	20.6864	0.0392	12.3182
12:13:46	20.6844	0.0369	12.5461
12:13:56	20.69	0.0374	12.6966
12:14:06	20.698	0.0374	12.8228
12:14:16	20.6884	0.0351	12.9395
12:14:26	20.6995	0.0345	13.0507
12:14:36	20.694	0.0321	13.1882
12:14:46	20.7015	0.0285	13.3025
12:14:56	20.692	0.0285	13.3709
12:15:06	20.6749	0.0517	13.578
12:15:16	20.6366	0.0434	13.6226
12:15:26	20.6653	0.0309	13.4798
12:15:36	20.6995	0.0244	13.5554
12:15:46	20.7111	0.0261	13.5816
12:15:56	20.7056	0.0244	13.5012
12:16:06	20.7036	0.0261	13.3251
12:16:16	20.7151	0.0255	13.5292
12:16:26	20.7056	0.0238	13.6334
12:16:36	20.7056	0.0238	13.7351
12:16:46	20.692	0.0267	13.8393
12:16:56	20.692	0.0291	13.9202
12:17:06	20.694	0.0261	14.0339
12:17:16	20.6844	0.0255	14.1755
12:17:26	20.6864	0.0255	14.3356
12:17:36	20.6844	0.0255	14.4481
12:17:46	20.7015	0.0255	14.4915
12:17:56	20.7111	0.0255	14.5076
12:18:06	20.7091	0.0255	14.4653
12:18:16	20.7071	0.0267	14.2249
12:18:26	20.6995	0.0297	14.2683
12:18:36	20.692	0.0273	14.3951
12:18:46	20.696	0.0261	14.4975
12:18:56	20.696	0.0244	14.5635
12:19:06	20.7036	0.0255	14.5855
12:19:16	20.6995	0.0255	14.5909
12:19:26	20.698	0.0273	5.6136



24 hour time	O2 (% )	CO2 (% )	THC (ppm)
12:19:36	18.205	2.2233	0.4249
12:19:46	12.4485	5.6499	0.3148
12:19:56	11.8147	6.01	0.307
12:20:06	11.6701	6.1195	0.291
12:20:16	11.651	6.1421	0.291
12:20:26	11.6546	6.1314	0.2701
12:20:36	11.651	6.1457	0.2654
12:20:46	11.5267	6.2427	0.2451
12:20:56	11.5552	6.1968	0.2553
12:21:06	11.779	6.0421	0.2326
12:21:16	12.1527	5.7696	0.2207
12:21:26	12.458	5.575	0.213
12:21:36	12.658	5.4649	0.213
12:21:46	12.7532	5.4297	0.2047
12:21:56	12.8907	5.3458	0.213
12:22:06	13.0603	5.2595	0.213
12:22:16	13.1466	5.2173	0.213
12:22:26	13.2305	5.1608	0.2207
12:22:36	13.2186	5.1715	0.2207
12:22:46	13.1251	5.2268	0.2196
12:22:56	13.0549	5.2691	0.213
12:23:06	12.9763	5.3161	0.213
12:23:16	12.9954	5.2947	0.2047
12:23:26	13.1138	5.2203	0.2047
12:23:36	13.2055	5.1673	0.1969
12:23:46	13.2763	5.1286	0.2047
12:23:56	13.3316	5.0983	0.2041
12:24:06	13.3846	5.0739	0.1898
12:24:16	13.3769	5.0786	0.1898
12:24:26	13.362	5.0905	0.1898
12:24:36	13.3715	5.081	0.2118
12:24:46	13.3447	5.1024	0.2047
12:24:56	13.3465	5.0989	0.1969
12:25:06	13.3697	5.0864	0.1821
12:25:16	13.381	5.0846	0.1898
12:25:26	13.381	5.084	0.2047
12:25:36	13.3769	5.0947	0.213
12:25:46	13.2816	5.1625	0.2207
12:25:56	13.1959	5.2226	0.2142
12:26:06	13.1614	5.2387	0.213
12:26:16	13.1293	5.2554	0.2219
12:26:26	13.0775	5.2863	0.213
12:26:36	13.0585	5.306	0.2059
12:26:46	13.1025	5.2792	0.1981

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:26:56	13.0126	5.3286	0.1981
12:27:06	12.824	5.444	0.1898
12:27:16	12.7609	5.4821	0.1821
12:27:26	12.7954	5.4494	0.1743
12:27:36	12.7722	5.4553	0.1821
12:27:46	12.6675	5.5256	0.1809
12:27:56	12.6294	5.5369	0.1821
12:28:06	12.6484	5.522	0.1672
12:28:16	12.7169	5.4744	0.166
12:28:26	12.7306	5.4559	0.166
12:28:36	12.7437	5.4357	0.166
12:28:46	12.7532	5.4357	0.1743
12:28:56	12.7764	5.4042	0.1898
12:29:06	12.7651	5.4107	0.1898
12:29:16	12.6199	5.4881	0.1969
12:29:26	12.3509	5.641	0.1898
12:29:36	12.1813	5.7832	0.1898
12:29:46	12.0498	5.8749	0.1821
12:29:56	11.9789	5.9255	0.1821
12:30:06	11.9522	5.9344	0.2047
12:30:16	11.9391	5.9481	0.2047
12:30:26	11.8932	5.988	0.1969
12:30:36	11.895	5.9987	0.1821
12:30:46	11.8819	6.004	0.1743
12:30:56	11.8968	5.985	0.166
12:31:06	11.895	5.9778	0.1821
12:31:16	11.8474	6.0094	0.1743
12:31:26	11.851	6.0058	0.1743
12:31:36	11.8778	5.9856	0.1809
12:31:46	11.8855	5.9909	0.1743
12:31:56	11.9426	5.9469	0.1821
12:32:06	11.9658	5.9225	0.191
12:32:16	11.9712	5.9148	0.1969
12:32:26	11.9754	5.929	0.1832
12:32:36	11.9658	5.932	0.1743
12:32:46	11.9962	5.9035	0.166
12:32:56	12.0057	5.888	0.1749
12:33:06	11.9849	5.8904	0.2047
12:33:16	11.9635	5.9195	0.2142
12:33:26	11.9373	5.9421	0.2279
12:33:36	11.9254	5.9499	0.2356
12:33:46	11.9105	5.9653	0.2279
12:33:56	11.92	5.9642	0.2196
12:34:06	11.9373	5.96	0.2059

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:34:16	11.9391	5.9421	0.1832
12:34:26	11.9409	5.9445	0.1832
12:34:36	11.9028	5.9737	0.1969
12:34:46	11.9159	5.9582	0.2082
12:34:56	11.9522	5.9421	0.1832
12:35:06	11.9658	5.9118	0.1832
12:35:16	11.9141	5.9475	0.1821
12:35:26	11.9141	5.9427	0.1898
12:35:36	12.0075	5.8713	0.1898
12:35:46	12.017	5.8767	0.1821
12:35:56	11.9635	5.9171	0.1743

**Start Run 1B**

12:36:06	11.9599	5.9231	0.1761
12:36:16	12.0742	5.8469	0.2017
12:36:26	12.1795	5.7832	0.1969
12:36:36	12.2039	5.7832	0.1636
12:36:46	12.1241	5.841	0.1511
12:36:56	12.0742	5.8743	0.1523
12:37:06	12.0152	5.9046	0.1749
12:37:16	11.9409	5.9761	0.1743
12:37:26	11.8855	6.0058	0.166
12:37:36	11.8587	6.007	0.1594
12:37:46	11.9028	5.96	0.1594
12:37:56	12.0742	5.8273	0.166
12:38:06	12.1009	5.8517	0.1719
12:38:16	12.0039	5.9445	0.1624
12:38:26	11.9563	5.9737	0.1594
12:38:36	11.9658	5.9636	0.1743
12:38:46	12.2325	5.7362	0.1773
12:38:56	12.17	5.8094	0.1832
12:39:06	12.1105	5.8606	0.1821
12:39:16	12.4824	5.5654	0.1749
12:39:26	12.8585	5.353	0.1821
12:39:36	13.0603	5.2381	0.1749
12:39:46	13.1501	5.1875	0.1743
12:39:56	13.137	5.1959	0.1749
12:40:06	13.2168	5.1441	0.1743
12:40:16	13.2644	5.1167	0.1821
12:40:26	13.2953	5.1096	0.1821
12:40:36	13.2037	5.184	0.1898
12:40:46	13.1085	5.2381	0.1981
12:40:56	13.0567	5.2732	0.191
12:41:06	13.0073	5.3137	0.1832

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:41:16	12.9139	5.3595	0.1821
12:41:26	12.9287	5.3387	0.1785
12:41:36	12.9478	5.3149	0.1708
12:41:46	12.9746	5.2947	0.1898
12:41:56	12.9633	5.3173	0.1898
12:42:06	12.8585	5.3774	0.1743
12:42:16	12.6925	5.4637	0.1749
12:42:26	12.6467	5.4774	0.1749
12:42:36	12.599	5.5	0.1743
12:42:46	12.5378	5.5541	0.1898
12:42:56	12.4521	5.6255	0.1898
12:43:06	12.4651	5.6047	0.1898
12:43:16	12.4407	5.619	0.1832
12:43:26	12.2348	5.7767	0.1743
12:43:36	12.0135	5.9219	0.1743
12:43:46	11.9468	5.9576	0.1749
12:43:56	11.895	5.9886	0.1743
12:44:06	12.0551	5.8291	0.1743
12:44:16	12.0801	5.8219	0.1821
12:44:26	12.12	5.7856	0.1743
12:44:36	12.0569	5.8445	0.1749
12:44:46	12.0057	5.8826	0.1832
12:44:56	12.145	5.7696	0.1821
12:45:06	12.1146	5.8172	0.1832
12:45:16	12.1908	5.7588	0.1898
12:45:26	12.2515	5.7237	0.1892
12:45:36	12.3586	5.6452	0.1898
12:45:46	12.4217	5.6035	0.1892
12:45:56	12.3854	5.6487	0.1821
12:46:06	12.4634	5.5964	0.1969
12:46:16	12.561	5.5351	0.2041
12:46:26	12.702	5.4506	0.1832
12:46:36	12.7306	5.4333	0.2005
12:46:46	12.78	5.4036	0.1898
12:46:56	12.8067	5.3845	0.1898
12:47:06	12.8014	5.3934	0.1809
12:47:16	12.7514	5.4595	0.1743
12:47:26	12.683	5.5172	0.1672
12:47:36	12.677	5.4922	0.1743
12:47:46	12.8032	5.3893	0.1743
12:47:56	12.8335	5.3595	0.1743
12:48:06	12.7478	5.4125	0.1821
12:48:16	12.6943	5.4416	0.1821
12:48:26	12.6943	5.4411	0.1898

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
12:48:36	12.5949	5.5148	0.1898
12:48:46	12.53	5.5494	0.1785
12:48:56	12.4675	5.5845	0.1749
12:49:06	12.4193	5.6178	0.1749
12:49:16	12.3622	5.6493	0.1856
12:49:26	12.3188	5.6803	0.1946
12:49:36	12.2747	5.7083	0.2207
12:49:46	12.2444	5.7285	0.2279
12:49:56	12.1944	5.7624	0.2196
12:50:06	12.17	5.785	0.2059
12:50:16	12.1485	5.8195	0.2059
12:50:26	12.1259	5.8344	0.1898
12:50:36	12.0742	5.8802	0.1821
12:50:46	12.0837	5.8677	0.1898
12:50:56	12.0878	5.8529	0.1898
12:51:06	12.0325	5.8927	0.1981
12:51:16	11.9789	5.9481	0.1981
12:51:26	11.9349	5.9737	0.1832
12:51:36	11.8778	6.0118	0.1832
12:51:46	11.8284	6.0397	0.1898
12:51:56	11.7861	6.0629	0.1809
12:52:06	11.7921	6.0612	0.1821
12:52:16	11.7885	6.0629	0.1821
12:52:26	11.7653	6.0737	0.1856
12:52:36	11.7159	6.1236	0.1749
12:52:46	11.7004	6.1058	0.1749
12:52:56	11.6588	6.1469	0.16
12:53:06	11.626	6.1713	0.166
12:53:16	11.6129	6.1849	0.166
12:53:26	11.6469	6.1492	0.1624
12:53:36	11.7004	6.1177	0.1511
12:53:46	11.7117	6.0992	0.1583
12:53:56	11.7956	6.0356	0.1743
12:54:06	11.8986	5.9897	0.1624
12:54:16	12.0075	5.9499	0.1511
12:54:26	12.0629	5.9171	0.1648
12:54:36	12.0914	5.8695	0.1594
12:54:46	12.1241	5.838	0.1594
12:54:56	12.1182	5.8314	0.1511
12:55:06	12.0819	5.8291	0.166
12:55:16	12.0801	5.8398	0.1672
12:55:26	12.0039	5.9011	0.1708
12:55:36	11.9063	5.9761	0.166
12:55:46	11.8474	6.007	0.1672

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
12:55:56	11.8093	6.013	0.1832
12:56:06	11.9426	5.8927	0.1892
12:56:16	11.9789	5.8874	0.1969
12:56:26	11.8855	5.9749	0.1969
12:56:36	11.7332	6.0808	0.1856
12:56:46	11.6927	6.1022	0.1898
12:56:56	11.6986	6.0933	0.1821
12:57:06	11.7022	6.0927	0.1898
12:57:16	11.729	6.0707	0.1773
12:57:26	11.876	5.9439	0.1743
12:57:36	11.87	5.9523	0.1749
12:57:46	11.9468	5.8856	0.1743
12:57:56	11.8587	5.9606	0.1773
12:58:06	11.9373	5.8939	0.166
12:58:16	11.8629	5.9618	0.166
12:58:26	11.8456	5.9725	0.1594
12:58:36	11.7956	6.013	0.1624
12:58:46	11.7272	6.0689	0.166
12:58:56	11.7177	6.0641	0.1583
12:59:06	11.8242	5.9761	0.1594
12:59:16	11.773	6.0284	0.1594
12:59:26	11.7064	6.0856	0.1594
12:59:36	11.6909	6.0969	0.1594
12:59:46	11.6719	6.1195	0.1672
12:59:56	11.7635	6.0451	0.1749
13:00:06	11.8206	6.0171	0.1749
13:00:16	11.7885	6.0522	0.166
13:00:26	11.7385	6.0909	0.1594
13:00:36	11.8796	5.9767	0.1547
13:00:46	12.0593	5.8398	0.1624
13:00:56	12.1277	5.7963	0.1743
13:01:06	12.1735	5.7743	0.1708
13:01:16	12.189	5.769	0.16
13:01:26	12.2479	5.7291	0.1594
13:01:36	12.3318	5.6714	0.1594
13:01:46	12.3646	5.638	0.166
13:01:56	12.3872	5.6255	0.1672
13:02:06	12.3622	5.6493	0.1743
13:02:16	12.2955	5.7041	0.1594
13:02:26	12.2134	5.7612	0.166
13:02:36	12.1985	5.7707	0.1624
13:02:46	12.1831	5.7904	0.1743
13:02:56	12.1069	5.8606	0.1743
13:03:06	12.1241	5.8314	0.166

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:03:16	12.1605	5.7904	0.1868
13:03:26	12.1182	5.8237	0.1868
13:03:36	12.1027	5.8422	0.1821
13:03:46	12.0837	5.8535	0.1821
13:03:56	12.1069	5.8344	0.1743
13:04:06	12.12	5.8148	0.1749
13:04:16	12.1182	5.8082	0.1821
13:04:26	12.1277	5.7928	0.1868
13:04:36	12.1408	5.7886	0.1821
13:04:46	12.164	5.7797	0.1743
13:04:56	12.1718	5.7666	0.166
13:05:06	12.1372	5.8005	0.166
13:05:16	12.0629	5.8666	0.1672
13:05:26	12.0188	5.9011	0.1743
13:05:36	11.9754	5.9171	0.1749
13:05:46	11.9426	5.9517	0.1832
13:05:56	11.9063	5.9749	0.1868
13:06:06	11.8016	6.0552	0.1898
13:06:16	11.7956	6.0475	0.1898
13:06:26	11.7808	6.0588	0.1898
13:06:36	11.748	6.0719	0.1898
13:06:46	11.7195	6.0885	0.1821
13:06:56	11.71	6.0933	0.1743
13:07:06	11.6564	6.1373	0.1749
13:07:16	11.5939	6.1849	0.1743
13:07:26	11.607	6.1772	0.1749
13:07:36	11.6052	6.1742	0.1743
13:07:46	11.5915	6.1778	0.1672
13:07:56	11.6034	6.1617	0.1672
13:08:06	11.6225	6.1528	0.1583
13:08:16	11.5344	6.2296	0.1523
13:08:26	11.4677	6.2724	0.16
13:08:36	11.5749	6.1903	0.166
13:08:46	11.7861	6.0249	0.1743
13:08:56	11.901	5.9427	0.1743
13:09:06	11.9635	5.9142	0.1594
13:09:16	11.9313	5.929	0.1696
13:09:26	11.9105	5.9659	0.1708
13:09:36	11.851	6.0201	0.1821
13:09:46	11.8242	6.0308	0.1821
13:09:56	11.8266	6.0344	0.1832
13:10:06	11.8337	6.0308	0.1898
13:10:16	11.8034	6.0606	0.1898
13:10:26	11.8397	6.0284	0.1821

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:10:36	11.8819	5.988	0.1898
13:10:46	11.8492	6.0195	0.1785
13:10:56	11.8552	6.0094	0.1708
13:11:06	11.9063	5.9695	0.1708
13:11:16	12.1027	5.8231	0.166
13:11:26	12.2366	5.7148	0.1785
13:11:36	12.3545	5.6357	0.1892
13:11:46	12.3414	5.6434	0.1743
13:11:56	12.242	5.7136	0.1743
13:12:06	12.2307	5.7142	0.1821
13:12:16	12.3015	5.6624	0.1749
13:12:26	12.3092	5.6654	0.1749
13:12:36	12.3051	5.6654	0.1821
13:12:46	12.2801	5.6981	0.1708
13:12:56	12.3354	5.6446	0.1672
13:13:06	12.5776	5.4762	0.1708
13:13:16	12.6163	5.466	0.1743
13:13:26	12.7764	5.3571	0.1743
13:13:36	12.6734	5.4274	0.1832
13:13:46	12.5169	5.5244	0.1898
13:13:56	12.5134	5.5369	0.1821
13:14:06	12.4271	5.5767	0.1749
13:14:16	12.408	5.5982	0.1749
13:14:26	12.2801	5.6952	0.166
13:14:36	12.3473	5.6226	0.1743
13:14:46	12.1051	5.8273	0.1821
13:14:56	11.9617	5.9469	0.1821
13:15:06	11.9141	5.9832	0.1868
13:15:16	11.9081	5.9909	0.2059
13:15:26	11.9331	5.9737	0.1981
13:15:36	11.9599	5.9499	0.1969
13:15:46	11.9825	5.9302	0.1969
13:15:56	11.9539	5.9689	0.1892
13:16:06	11.9313	5.9909	0.1743
13:16:16	12.0379	5.9195	0.1743
13:16:26	12.2289	5.7821	0.1743
13:16:36	12.4312	5.6345	0.191
13:16:46	12.5074	5.5898	0.1969
13:16:56	12.4919	5.6011	0.1856
13:17:06	12.5473	5.5601	0.1785
13:17:16	12.6312	5.5071	0.1743
13:17:26	12.6484	5.4904	0.1844
13:17:36	12.6693	5.4756	0.1981
13:17:46	13.209	5.078	0.1785



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:17:56	14.823	3.9301	0.2338
13:18:06	15.912	3.1826	0.1547
13:18:16	16.2709	2.9237	0.1499
13:18:26	16.4084	2.8374	0.1583
13:18:36	16.4994	2.8005	0.1285
13:18:46	16.5836	2.7369	0.1261
13:18:56	16.6294	2.7059	0.1237
13:19:06	16.5891	2.7006	0.1547
13:19:16	16.5433	2.7184	0.1868
13:19:26	16.4804	2.7684	0.1969
13:19:36	15.424	3.5617	0.2142
13:19:46	13.7738	4.6567	0.2279
13:19:56	12.799	5.3012	0.213
13:20:06	12.4271	5.5315	0.2207
13:20:16	12.1866	5.7089	0.213
13:20:26	12.0498	5.8005	0.213
13:20:36	11.9046	5.9177	0.2047
13:20:46	11.5897	6.1469	0.1898
13:20:56	11.1815	6.4295	0.1981
13:21:06	10.947	6.5819	0.1821
13:21:16	10.8899	6.6134	0.191
13:21:26	10.8191	6.6884	0.2059
13:21:36	10.7161	6.7604	0.2207
13:21:46	10.6667	6.8074	0.2047
13:21:56	10.6245	6.8324	0.2047
13:22:06	10.6096	6.8348	0.2041
13:22:16	10.5673	6.8687	0.1898
13:22:26	10.4739	6.9229	0.1898
13:22:36	10.4394	6.9455	0.1898
13:22:46	10.4245	6.9586	0.191
13:22:56	10.3942	6.983	0.1969
13:23:06	10.3977	6.9729	0.1898
13:23:16	10.365	7.0181	0.1743
13:23:26	10.2835	7.0687	0.166
13:23:36	10.2049	7.1228	0.1511
13:23:46	10.1686	7.1371	0.1475
13:23:56	10.4721	6.9526	0.1583
13:24:06	10.7774	6.7557	0.1832
13:24:16	11.0059	6.6295	0.1969
13:24:26	11.5707	6.2498	0.1969
13:24:36	11.9885	5.9993	0.1898
13:24:46	12.1355	5.913	0.1821
13:24:56	12.1718	5.8933	0.1868
13:25:06	12.0783	5.9546	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
13:25:16	11.9522	6.0391	0.1969
13:25:26	11.9313	6.0481	0.1969
13:25:36	11.9635	6.0278	0.1969
13:25:46	11.9486	6.0629	0.1969
13:25:56	11.9349	6.0689	0.1898
13:26:06	12.0057	6.0022	0.1898
13:26:16	12.0307	5.9725	0.1969
13:26:26	11.9807	6.0011	0.1898
13:26:36	11.8778	6.0856	0.1898
13:26:46	11.9123	6.0504	0.1969
13:26:56	11.9617	6.0266	0.1981
13:27:06	12.1218	5.9005	0.2047
13:27:16	12.2747	5.7922	0.1969
13:27:26	12.3908	5.7089	0.1898
13:27:36	12.4443	5.669	0.1898
13:27:46	12.4616	5.6559	0.1898
13:27:56	12.5532	5.5827	0.1898
13:28:06	12.6389	5.5208	0.1898
13:28:16	12.727	5.4702	0.1898
13:28:26	12.5741	5.5714	0.1821
13:28:36	12.6121	5.5309	0.1821
13:28:46	12.561	5.5648	0.1898
13:28:56	12.5014	5.5821	0.1934
13:29:06	12.3318	5.7166	0.1969
13:29:16	12.1313	5.8683	0.2041
13:29:26	12.0361	5.9273	0.1934
13:29:36	11.9409	6.0249	0.1672
13:29:46	11.7766	6.1552	0.1743
13:29:56	11.5975	6.2944	0.1672
13:30:06	11.4047	6.423	0.1743
13:30:16	11.3648	6.4402	0.1719
13:30:26	11.294	6.4908	0.1868
13:30:36	11.3321	6.4748	0.1821
13:30:46	11.4582	6.3724	0.1821
13:30:56	11.5171	6.3444	0.1892
13:31:06	11.3725	6.4533	0.1898
13:31:16	11.2386	6.5414	0.1898
13:31:26	11.2714	6.5313	0.1981
13:31:36	11.3779	6.448	0.1969
13:31:46	11.4546	6.3956	0.191
13:31:56	11.46	6.3789	0.1969
13:32:06	11.5439	6.304	0.191
13:32:16	11.6356	6.2343	0.1832
13:32:26	11.6278	6.2361	0.1821

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:32:36	11.6891	6.1826	0.1821
13:32:46	11.7593	6.1177	0.191
13:32:56	11.8796	6.0415	0.1832
13:33:06	12.0152	5.9588	0.1731
13:33:16	11.9944	5.9897	0.1594
13:33:26	11.9391	6.0141	0.166
13:33:36	11.9962	5.9636	0.1743
13:33:46	12.0861	5.9011	0.1743
13:33:56	12.1122	5.9148	0.1749
13:34:06	12.2325	5.8428	0.2017
13:34:16	12.4407	5.6981	0.1969
13:34:26	12.5627	5.6101	0.2047
13:34:36	12.599	5.5988	0.1856
13:34:46	12.5342	5.6505	0.1743
13:34:56	12.7097	5.5256	0.1743
13:35:06	12.78	5.4893	0.1672
13:35:16	12.721	5.5285	0.1761
13:35:26	12.7496	5.5101	0.191
13:35:36	12.7972	5.4964	0.2047
13:35:46	12.7478	5.5422	0.2059
13:35:56	12.6734	5.5928	0.2142
13:36:06	12.6086	5.6345	0.213
13:36:16	12.5681	5.6464	0.2047
<b>Start Bias Calibration</b>			
13:36:26	12.5705	5.647	0.1969
13:36:36	12.5854	5.6291	0.1749
13:36:46	12.5532	5.6529	0.9569
13:36:56	13.1329	5.228	3.4052
13:37:06	9.2361	0.8569	0.1374
13:37:16	1.7454	0.6623	0.0458
13:37:26	1.0985	0.5736	0.0261
13:37:36	1.017	0.5213	-4.6E-05
13:37:46	0.6278	0.3154	-0.0262
13:37:56	0.4522	0.2434	-0.0078
13:38:06	0.2344	0.1547	0.0035
13:38:16	0.1166	0.1106	0.0107
13:38:26	0.069	0.0749	0.0113
13:38:36	0.0363	0.0583	0.0113
13:38:46	0.0208	0.0499	0.0047
13:38:56	0.019	0.0458	-0.0036
13:39:06	0.0077	0.0404	-0.0036
<b>Zero Bias</b>	<b>0.015833</b>	<b>0.045367</b>	<b>-0.00083</b>

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
13:39:16	0.0077	0.0398	0.0458
13:39:26	6.642	3.0731	2.969
13:39:36	12.5836	0.5469	11.8248
13:39:46	19.5016	0.0827	12.4235
13:39:56	19.8183	0.0559	12.5639
13:40:06	19.8833	0.0488	12.6717
13:40:16	19.9558	0.0517	12.7794
13:40:26	20.0379	0.0583	12.8663
13:40:36	20.1371	0.0613	12.9543
13:40:46	20.2534	0.0559	13.0335
13:40:56	20.347	0.0624	13.1043
13:41:06	20.4251	0.0476	13.1733
13:41:16	20.4976	0.0428	13.2132
13:41:26	20.551	0.0392	13.2864
13:41:36	20.6003	0.0327	13.3483
13:41:46	20.6195	0.0321	13.4167
13:41:56	20.631	0.0321	13.4316
13:42:06	20.6426	0.0309	13.4786
13:42:16	20.6502	0.0309	13.5393
13:42:26	20.6597	0.0291	13.5768
13:42:36	20.6653	0.0291	13.6286
13:42:46	20.6693	0.0285	13.6744
13:42:56	20.6708	0.0267	13.728
13:43:06	20.6749	0.0273	13.7839
13:43:16	20.6789	0.0297	13.8285
13:43:26	20.6749	0.0297	13.8494
13:43:36	20.6804	0.0291	13.8863
13:43:46	20.6804	0.0285	13.9273
13:43:56	20.6804	0.0285	13.9821
13:44:06	20.6824	0.0291	14.0362
13:44:16	20.6789	0.0309	14.0714
13:44:26	20.6804	0.0297	14.1148
13:44:36	20.6824	0.0297	14.169
13:44:46	20.6864	0.0291	14.188
13:44:56	20.6864	0.0273	14.1892
13:45:06	20.6884	0.0273	14.2237
13:45:16	20.6884	0.0273	14.2463
13:45:26	20.6844	0.0285	14.2719
13:45:36	20.6884	0.0291	14.2945
13:45:46	20.6884	0.0291	14.3427
13:45:56	20.69	0.0291	14.3885
13:46:06	20.6804	0.0315	14.4094
13:46:16	20.6769	0.0315	14.4445
13:46:26	20.6633	0.0345	14.5123

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
13:46:36	20.6728	0.0315	14.582
13:46:46	20.6653	0.0309	14.6438
13:46:56	20.6728	0.0321	14.7046
13:47:06	20.6633	0.0309	14.7444
13:47:16	20.6653	0.0309	14.7718
13:47:26	20.6597	0.0315	14.8236
<b>THC Mid Bias</b>	<b>20.66277</b>	<b>0.0311</b>	<b>14.77993</b>
13:47:36	20.6618	0.0297	14.8706
13:47:46	20.6618	0.0291	14.1285
13:47:56	20.6577	0.0291	2.7803
13:48:06	19.7937	0.8468	0.3981
13:48:16	14.0178	4.9322	0.341
13:48:26	12.7306	5.5166	0.338
13:48:36	12.6026	5.5767	0.3445
<b>Resume Run 1B</b>			
13:48:46	12.5645	5.6071	0.338
13:48:56	12.5264	5.6422	0.3219
13:49:06	12.4747	5.6773	0.307
13:49:16	12.4919	5.6487	0.2987
13:49:26	12.5645	5.5857	0.2713
13:49:36	12.6199	5.5517	0.2451
13:49:46	12.6312	5.547	0.2368
13:49:56	12.6717	5.522	0.2541
13:50:06	12.7383	5.4791	0.26
13:50:16	12.8032	5.4422	0.2404
13:50:26	12.8014	5.4446	0.2291
13:50:36	12.8127	5.4422	0.2368
13:50:46	12.7651	5.4708	0.2451
13:50:56	12.6925	5.522	0.2219
13:51:06	12.5645	5.6083	0.2338
13:51:16	12.5473	5.6136	0.2451
13:51:26	12.6199	5.5636	0.2368
13:51:36	12.6353	5.5607	0.2529
13:51:46	12.5532	5.6309	0.2451
13:51:56	12.4806	5.6928	0.26
13:52:06	12.3396	5.8065	0.2588
13:52:16	12.2444	5.8689	0.2505
13:52:26	12.1866	5.9142	0.2368
13:52:36	12.1485	5.9415	0.2529
13:52:46	12.1355	5.9523	0.26
13:52:56	12.0861	6.0022	0.2451
13:53:06	12.0724	6.0344	0.26

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
13:53:16	11.9998	6.0933	0.26
13:53:26	11.9105	6.1653	0.2541
13:53:36	11.8076	6.2474	0.2666
13:53:46	11.7885	6.2647	0.2678
13:53:56	11.8724	6.1986	0.2678
13:54:06	11.9123	6.1605	0.2588
13:54:16	11.8742	6.1849	0.2517
13:54:26	11.9658	6.0963	0.2356
13:54:36	11.9504	6.1022	0.2291
13:54:46	11.798	6.2064	0.2493
13:54:56	11.9123	6.107	0.2493
13:55:06	12.1105	5.957	0.2404
13:55:16	12.2878	5.8261	0.2291
13:55:26	12.3836	5.7475	0.2219
13:55:36	12.4271	5.7225	0.2231
13:55:46	12.4235	5.7225	0.2291
13:55:56	12.4098	5.7303	0.2219
13:56:06	12.4961	5.6505	0.2207
13:56:16	12.4461	5.6815	0.2291
13:56:26	12.3527	5.7606	0.2142
13:56:36	12.3568	5.741	0.2255
13:56:46	12.3604	5.7386	0.2303
13:56:56	12.3354	5.7487	0.2207
13:57:06	12.3336	5.7446	0.2142
13:57:16	12.3378	5.7386	0.2142
13:57:26	12.2878	5.7844	0.2142
13:57:36	12.3205	5.7577	0.2142
13:57:46	12.1295	5.9195	0.2106
13:57:56	11.8189	6.1659	0.2142
13:58:06	11.5975	6.3194	0.2047
13:58:16	11.5118	6.3736	0.1981
13:58:26	11.5308	6.3522	0.191
13:58:36	11.5267	6.3468	0.191
13:58:46	11.5308	6.3468	0.1981
13:58:56	11.5499	6.3296	0.2059
13:59:06	11.6088	6.2915	0.2059
13:59:16	11.7617	6.1968	0.2059
13:59:26	11.8266	6.1713	0.2059
13:59:36	11.8587	6.1457	0.2142
13:59:46	11.8224	6.1701	0.2059
13:59:56	11.8016	6.179	0.1981
14:00:06	11.8034	6.1772	0.2059
14:00:16	11.8224	6.1552	0.2059
14:00:26	11.8302	6.148	0.2059

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:00:36	11.8147	6.1558	0.191
14:00:46	11.8534	6.1231	0.2047
14:00:56	11.8796	6.1058	0.1981
14:01:06	11.9105	6.1088	0.1749
14:01:16	11.973	6.0481	0.1993
14:01:26	12.0402	6.01	0.2005
14:01:36	12.2402	5.8707	0.1946
14:01:46	12.5491	5.6285	0.191
14:01:56	12.7627	5.4899	0.1868
14:02:06	12.9043	5.4149	0.1749
14:02:16	13.0186	5.3417	0.1821
14:02:26	13.093	5.2958	0.191
14:02:36	13.118	5.2905	0.2047
14:02:46	13.087	5.3095	0.2017
14:02:56	13.0031	5.3649	0.1981
14:03:06	12.9079	5.4274	0.1981
14:03:16	12.8353	5.4678	0.2142
14:03:26	12.7859	5.4958	0.2255
14:03:36	12.7478	5.519	0.219
14:03:46	12.7151	5.5351	0.2178
14:03:56	12.7496	5.5125	0.1981
14:04:06	12.7722	5.5041	0.191
14:04:16	12.7097	5.5577	0.191
14:04:26	12.6544	5.5958	0.1981
14:04:36	12.6621	5.5839	0.1981
14:04:46	12.658	5.5773	0.2094
14:04:56	12.6026	5.5958	0.2142
14:05:06	12.4997	5.6678	0.2142
14:05:16	12.3872	5.7469	0.213
14:05:26	12.3509	5.7731	0.2094
14:05:36	12.3432	5.7743	0.2047
14:05:46	12.3473	5.7761	0.1969
14:05:56	12.3854	5.7517	0.1969
14:06:06	12.4461	5.685	0.1898
14:06:16	12.4253	5.6987	0.1892
14:06:26	12.242	5.8261	0.1898
14:06:36	12.17	5.8791	0.1898
14:06:46	12.1355	5.9171	0.2059
14:06:56	12.1009	5.9612	0.2017
14:07:06	12.0498	6.0153	0.1898
14:07:16	11.9426	6.0802	0.1809
14:07:26	11.8552	6.1457	0.1743
14:07:36	11.8569	6.1284	0.1821
14:07:46	11.8778	6.1106	0.2017

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:07:56	11.8819	6.1177	0.213
14:08:06	11.8665	6.1248	0.1981
14:08:16	11.901	6.1088	0.191
14:08:26	11.9141	6.0796	0.1731
14:08:36	11.8855	6.1183	0.1749
14:08:46	11.8855	6.104	0.1821
14:08:56	11.8837	6.085	0.191
14:09:06	11.9105	6.0612	0.191
14:09:16	11.9504	6.0606	0.1898
14:09:26	11.9313	6.0522	0.191
14:09:36	11.973	5.9981	0.1969
14:09:46	11.9789	6.0153	0.2059
14:09:56	11.92	6.0629	0.2059
14:10:06	11.9236	6.0606	0.1898
14:10:16	12.0438	5.9558	0.1981
14:10:26	12.0402	5.9552	0.2047
14:10:36	12.0992	5.9088	0.1981
14:10:46	12.2557	5.7821	0.191
14:10:56	12.414	5.6553	0.191
14:11:06	12.5282	5.5773	0.2047
14:11:16	12.6353	5.5101	0.1898
14:11:26	12.6734	5.4976	0.1785
14:11:36	12.6865	5.4756	0.1749
14:11:46	12.6925	5.4541	0.1821
14:11:56	12.5776	5.5196	0.1981
14:12:06	12.5074	5.5559	0.1934
14:12:16	12.3164	5.7285	0.166
14:12:26	12.1182	5.8677	0.1743
14:12:36	12.1581	5.8148	0.1821
14:12:46	12.0783	5.8779	0.191
14:12:56	11.9105	6.0225	0.2059
14:13:06	11.8052	6.1046	0.2047
14:13:16	11.8093	6.0992	0.2047
14:13:26	11.851	6.0635	0.1969
14:13:36	11.7843	6.1248	0.1821
14:13:46	11.6623	6.2195	0.1821
14:13:56	11.6052	6.251	0.1743
14:14:06	11.6129	6.2575	0.1624
14:14:16	11.5749	6.2885	0.1743
14:14:26	11.5118	6.3236	0.1868
14:14:36	11.4945	6.3391	0.2047
14:14:46	11.441	6.3861	0.2094
14:14:56	11.4261	6.3968	0.213
14:15:06	11.4219	6.4033	0.213



<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:15:16	11.3898	6.4266	0.2142
14:15:26	11.441	6.3903	0.1981
14:15:36	11.4642	6.3855	0.1969
14:15:46	11.4564	6.3736	0.1898
14:15:56	11.466	6.367	0.1898
14:16:06	11.4469	6.3766	0.1981
14:16:16	11.3934	6.4153	0.1969
14:16:26	11.3112	6.4748	0.1898
14:16:36	11.2714	6.5117	0.2047
14:16:46	11.241	6.5313	0.1934
14:16:56	11.3517	6.47	0.1856
14:17:06	11.4582	6.3855	0.1743
14:17:16	11.5136	6.3349	0.1821
14:17:26	11.5439	6.323	0.1672
14:17:36	11.5612	6.3236	0.1594
14:17:46	11.5993	6.2831	0.1594
14:17:56	11.5576	6.3063	0.1749
14:18:06	11.5171	6.3492	0.1868
14:18:16	11.5534	6.3153	0.1898
14:18:26	11.6564	6.2159	0.1749
14:18:36	11.7177	6.1754	0.1594
14:18:46	11.8093	6.11	0.1594
14:18:56	11.9236	6.0016	0.1743
14:19:06	11.9468	5.9749	0.1868
14:19:16	11.9409	5.9939	0.2047
14:19:26	11.9349	6.01	0.1898
14:19:36	11.9902	5.9868	0.1969
14:19:46	12.1563	5.86	0.1981
14:19:56	12.286	5.7731	0.1898
14:20:06	12.3205	5.7535	0.2017
14:20:16	12.3396	5.7416	0.1981
14:20:26	12.3354	5.7523	0.1981
14:20:36	12.3759	5.7219	0.1898
14:20:46	12.5419	5.5952	0.191
14:20:56	12.7972	5.4464	0.1898
14:21:06	12.8716	5.419	0.1898
14:21:16	12.9115	5.3946	0.1969
14:21:26	12.9365	5.3839	0.2094
14:21:36	12.8889	5.4196	0.2047
14:21:46	12.8793	5.4095	0.213
14:21:56	12.8109	5.4559	0.213
14:22:06	12.7151	5.5119	0.213
14:22:16	12.6163	5.5761	0.2047
14:22:26	12.5419	5.6279	0.2047

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:22:36	12.511	5.6422	0.2059
14:22:46	12.4901	5.6559	0.2142
14:22:56	12.4788	5.6642	0.2118
14:23:06	12.4675	5.6815	0.213
14:23:16	12.458	5.6934	0.213
14:23:26	12.4271	5.7255	0.2047
14:23:36	12.4098	5.7416	0.1981
14:23:46	12.4884	5.6767	0.2094
14:23:56	12.5741	5.6035	0.213
14:24:06	12.6163	5.566	0.2094
14:24:16	12.6449	5.566	0.1594
14:24:26	12.6675	5.5416	0.1594
14:24:36	12.658	5.5285	0.1821
14:24:46	12.6199	5.5452	0.1821
14:24:56	12.58	5.5815	0.1821
14:25:06	12.5491	5.6035	0.1898
14:25:16	12.4312	5.6952	0.1898
14:25:26	12.3241	5.7707	0.1969
14:25:36	12.2783	5.794	0.1898
14:25:46	12.1908	5.8416	0.213
14:25:56	12.0742	5.9165	0.2207
14:26:06	12.0325	5.9273	0.213
14:26:16	11.9349	5.9963	0.213
14:26:26	11.8891	6.0171	0.213
14:26:36	11.8915	6.01	0.1981
14:26:46	11.9176	5.9981	0.1898
14:26:56	11.92	5.9957	0.1969
14:27:06	11.8397	6.0695	0.1969
14:27:16	11.8778	6.0338	0.2047
14:27:26	12.0629	5.8933	0.1969
14:27:36	12.1087	5.8695	0.2094
14:27:46	12.0878	5.8886	0.213
14:27:56	11.9426	6.01	0.1981
14:28:06	11.8552	6.076	0.1969
14:28:16	11.9046	6.0183	0.1981
14:28:26	11.8433	6.076	0.1934
14:28:36	11.7308	6.1689	0.1898
14:28:46	11.6606	6.2224	0.1832
14:28:56	11.6659	6.2105	0.1898
14:29:06	11.6659	6.2159	0.1898
14:29:16	11.607	6.2629	0.1969
14:29:26	11.5552	6.3046	0.1981
14:29:36	11.563	6.2998	0.1969
14:29:46	11.5766	6.2903	0.1898

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:29:56	11.5517	6.3087	0.2059
14:30:06	11.5552	6.3099	0.1981
14:30:16	11.5975	6.2938	0.191
14:30:26	11.6891	6.223	0.1832
14:30:36	11.6945	6.2343	0.1821
14:30:46	11.6683	6.2575	0.1946
14:30:56	11.6528	6.2689	0.1981
14:31:06	11.704	6.2403	0.2059
14:31:16	11.9295	6.0873	0.2142
14:31:26	12.1831	5.9148	0.191
14:31:36	12.3092	5.8285	0.1898
14:31:46	12.3336	5.8011	0.191
14:31:56	12.3931	5.7487	0.1898
14:32:06	12.477	5.6797	0.2047
14:32:16	12.4997	5.6636	0.2059
14:32:26	12.5032	5.6731	0.2059
14:32:36	12.4651	5.7112	0.2047
14:32:46	12.4098	5.7517	0.2142
14:32:56	12.3985	5.7606	0.2059
14:33:06	12.3646	5.7904	0.2059
14:33:16	12.2705	5.8481	0.1981
14:33:26	12.1771	5.9314	0.1832
14:33:36	12.1468	5.9314	0.1832
14:33:46	12.1051	5.9451	0.191
14:33:56	12.0629	5.979	0.1981
14:34:06	12.0611	5.9737	0.2059
14:34:16	12.0629	5.9695	0.2142
14:34:26	12.1009	5.9421	0.2059
14:34:36	12.1527	5.9142	0.2059
14:34:46	12.189	5.8707	0.2047
14:34:56	12.2081	5.8481	0.2029
14:35:06	12.1866	5.8677	0.2059
14:35:16	12.17	5.8749	0.2142
14:35:26	12.145	5.9017	0.2142
14:35:36	12.1051	5.9546	0.1981
14:35:46	12.1051	5.9475	0.1868
14:35:56	12.1313	5.9255	0.191
14:36:06	12.1355	5.9219	0.2142
14:36:16	12.1605	5.913	0.2106
14:36:26	12.1105	5.9582	0.1981
14:36:36	12.0896	5.963	0.1832
14:36:46	12.0248	6.0016	0.1946
14:36:56	12.0057	6.004	0.2047
14:37:06	11.9754	6.0165	0.2118

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:37:16	11.9295	6.0463	0.2071
14:37:26	11.8986	6.0713	0.2047
14:37:36	11.8873	6.0927	0.191
14:37:46	11.8587	6.1106	0.1981
14:37:56	11.851	6.1159	0.1946
14:38:06	11.8284	6.1284	0.1821
14:38:16	11.8361	6.1391	0.1934
14:38:26	11.9176	6.0856	0.1981
14:38:36	11.9676	6.0635	0.2047
14:38:46	12.0075	6.0308	0.191
14:38:56	12.0498	6.0153	0.1844
14:39:06	12.042	6.0118	0.1898
14:39:16	11.9867	6.0528	0.1981
14:39:26	12.0438	6.0141	0.1981
14:39:36	12.0646	5.9951	0.2047
14:39:46	12.0992	5.9665	0.2059
14:39:56	12.1468	5.9284	0.2207
14:40:06	12.1866	5.8957	0.2207
14:40:16	12.1753	5.907	0.2207
14:40:26	12.1218	5.9534	0.213
14:40:36	12.0878	5.9844	0.1898
14:40:46	12.0742	5.9969	0.191
14:40:56	12.0914	5.9737	0.1898
14:41:06	12.1259	5.9499	0.2178
14:41:16	12.1122	5.9665	0.213
14:41:26	12.0783	5.9909	0.2142
14:41:36	12.0783	5.9969	0.2059
14:41:46	12.0402	6.0249	0.2017
14:41:56	12.0343	6.0177	0.1898
14:42:06	12.0212	6.0225	0.1832
14:42:16	12.0343	6.0076	0.1898
14:42:26	12.2134	5.8606	0.191
14:42:36	12.3378	5.7612	0.1981
14:42:46	12.3164	5.7886	0.1934
14:42:56	12.3259	5.7803	0.2059
14:43:06	12.292	5.8094	0.2059
14:43:16	12.2955	5.8059	0.2047
14:43:26	12.4485	5.6612	0.191
14:43:36	12.6407	5.5178	0.1969
14:43:46	12.683	5.5006	0.1832
14:43:56	12.6407	5.5166	0.1898
14:44:06	12.6693	5.4946	0.2059
14:44:16	12.6371	5.5166	0.2207
14:44:26	12.5395	5.5803	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
14:44:36	12.3473	5.7344	0.2243
14:44:46	12.2116	5.8338	0.2142
14:44:56	12.1087	5.9177	0.213
14:45:06	12.0515	5.9552	0.2047
14:45:16	11.9694	6.0118	0.2142
14:45:26	11.8665	6.082	0.213
14:45:36	11.7921	6.132	0.213
14:45:46	11.71	6.2087	0.213
14:45:56	11.6088	6.2843	0.2047
14:46:06	11.5326	6.351	0.2047
14:46:16	11.4755	6.3932	0.2059
14:46:26	11.4237	6.4224	0.1969
14:46:36	11.4219	6.4283	0.1946
14:46:46	11.4392	6.4051	0.2059
14:46:56	11.5171	6.3474	0.2047
14:47:06	11.607	6.2938	0.1898
14:47:16	11.6754	6.2421	0.1981
14:47:26	11.7843	6.1552	0.2059
14:47:36	11.9349	6.0582	0.1981
14:47:46	12.0212	6.0034	0.1969
14:47:56	12.0343	6.0088	0.2005
14:48:06	12.0533	6.004	0.191
14:48:16	12.0992	5.9802	0.191
14:48:26	12.1408	5.932	0.1832
14:48:36	12.2307	5.8749	0.1821
14:48:46	12.2801	5.8469	0.1821
14:48:56	12.3092	5.81	0.1898
14:49:06	12.3568	5.7731	0.1993
14:49:16	12.3795	5.7588	0.2047
14:49:26	12.3646	5.7654	0.213
14:49:36	12.3622	5.7624	0.2207
14:49:46	12.389	5.7386	0.213
14:49:56	12.4158	5.7166	0.2059
14:50:06	12.433	5.7089	0.1969
14:50:16	12.4521	5.6767	0.1898
14:50:26	12.4901	5.6434	0.1898
14:50:36	12.6104	5.5595	0.1898
14:50:46	12.6788	5.5208	0.1969
14:50:56	12.7169	5.5018	0.1969
14:51:06	12.7383	5.4922	0.1969
14:51:16	12.7514	5.4821	0.2047
14:51:26	12.7437	5.4904	0.1981
14:51:36	12.7556	5.4875	0.2059
14:51:46	12.7514	5.4922	0.2207

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
14:51:56	12.721	5.5113	0.2207
14:52:06	12.6693	5.5452	0.2047
14:52:16	12.58	5.6095	0.2207
14:52:26	12.3491	5.7844	0.213
14:52:36	12.1926	5.9017	0.2207
14:52:46	12.1622	5.9165	0.2047
14:52:56	12.1432	5.9231	0.2005
14:53:06	11.9563	6.0618	0.2094
14:53:16	11.8742	6.1022	0.2207
14:53:26	11.832	6.1391	0.2047
14:53:36	11.8968	6.101	0.1969
14:53:46	12.0248	6.0147	0.2017
14:53:56	12.2003	5.8779	0.2047
14:54:06	12.3586	5.7529	0.1957
14:54:16	12.4235	5.7005	0.1809
14:54:26	12.439	5.6845	0.1749
14:54:36	12.4235	5.6928	0.1898
14:54:46	12.4027	5.7166	0.1898
14:54:56	12.3205	5.7832	0.1969
14:55:06	12.2098	5.8677	0.2047
14:55:16	12.1622	5.8975	0.1957
14:55:26	12.17	5.8868	0.1832
14:55:36	12.1813	5.8856	0.2005
14:55:46	12.1563	5.9314	0.191
14:55:56	12.1355	5.9439	0.1969
14:56:06	12.1087	5.9528	0.2047
14:56:16	12.1164	5.9362	0.2047
14:56:26	12.1051	5.9398	0.2207
14:56:36	12.0932	5.9499	0.2291
14:56:46	12.042	5.988	0.2291
14:56:56	11.9391	6.0534	0.2047
14:57:06	11.7445	6.1986	0.1969
14:57:16	11.4297	6.401	0.1981
14:57:26	11.2654	6.5027	0.2047
14:57:36	11.3362	6.4402	0.2041
14:57:46	11.3154	6.4855	0.1898
14:57:56	11.1398	6.6051	0.1993
14:58:06	11.044	6.6432	0.1981
14:58:16	11.0274	6.642	0.1832
14:58:26	11.0708	6.6027	0.1743
14:58:36	11.1988	6.4884	0.1832
14:58:46	11.1208	6.5563	0.1832
14:58:56	10.9202	6.7092	0.1898
14:59:06	10.7369	6.8265	0.1981

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
14:59:16	10.6304	6.8997	0.2059
14:59:26	10.5406	6.9663	0.2059
14:59:36	10.4971	6.9991	0.1898
14:59:46	10.4489	7.0538	0.1832
14:59:56	10.5293	6.9877	0.191
15:00:06	10.6227	6.9241	0.2029
15:00:16	10.7566	6.839	0.2059
15:00:26	10.9071	6.7396	0.2059
15:00:36	11.0042	6.6723	0.2142
15:00:46	11.0387	6.6581	0.2142
15:00:56	11.1017	6.6265	0.2059
15:01:06	10.9411	6.742	0.2017
15:01:16	10.9262	6.7473	0.2047
15:01:26	10.8935	6.7658	0.1981
15:01:36	10.7584	6.8586	0.1981
15:01:46	10.7221	6.8794	0.213
15:01:56	10.8476	6.7908	0.2047
<b>Start Bias Calibration</b>			
15:02:06	11.0006	6.6866	0.238
15:02:16	11.0768	6.6473	2.7654
15:02:26	12.0706	6.0064	0.1285
15:02:36	5.8677	1.0914	0.0172
15:02:46	1.0051	0.5594	-0.0036
15:02:56	0.6105	0.454	-0.0036
15:03:06	0.5397	0.4261	-0.0114
15:03:16	0.4963	0.3969	-0.0191
15:03:26	0.4463	0.3648	-0.0203
15:03:36	0.4064	0.3338	-0.0215
15:03:46	0.3683	0.3017	-0.0274
15:03:56	0.2993	0.2564	-0.0185
15:04:06	0.2386	0.2154	-0.0125
15:04:16	0.1892	0.1815	-0.0262
15:04:26	0.1452	0.1535	-0.0191
<b>Zero Bias</b>	<b>0.191</b>	<b>0.183467</b>	<b>-0.01927</b>
15:04:36	0.1089	0.1297	-0.0191
15:04:46	0.0785	0.11	0.0999
15:04:56	0.6831	0.2933	3.9896
15:05:06	7.7441	4.1395	11.9712
15:05:16	17.2513	0.451	12.3937
15:05:26	19.7081	0.1404	12.4919
15:05:36	20.0016	0.0976	12.5937
15:05:46	20.131	0.0797	12.699

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:05:56	20.196	0.0696	12.8139
15:06:06	20.2665	0.0636	12.8972
15:06:16	20.3123	0.0589	12.9728
15:06:26	20.3163	0.0607	13.0412
15:06:36	20.3088	0.0571	13.1055
15:06:46	20.3294	0.0559	13.1834
15:06:56	20.3752	0.0535	13.2781
15:07:06	20.4115	0.0517	13.34
15:07:16	20.4347	0.0499	13.4102
15:07:26	20.4553	0.0428	13.4751
15:07:36	20.4744	0.0404	13.5459
15:07:46	20.486	0.0398	13.5929
15:07:56	20.4976	0.0398	13.6792
15:08:06	19.704	0.3374	13.7911
15:08:16	20.4039	0.0535	13.8184
15:08:26	20.2302	0.0636	13.8172
15:08:36	20.4916	0.0422	13.8726
15:08:46	20.5736	0.038	13.8678
15:08:56	20.5797	0.0398	13.8726
15:09:06	20.5701	0.0422	13.9202
15:09:16	20.5852	0.0422	13.9619
15:09:26	20.5852	0.0422	13.9708
15:09:36	20.5908	0.0446	13.9785
15:09:46	20.5908	0.0446	14.0202
15:09:56	20.6079	0.0357	14.0809
15:10:06	20.6215	0.0357	14.141
15:10:16	20.6235	0.0357	14.1731
15:10:26	20.631	0.0351	14.2148
15:10:36	20.631	0.0398	14.2511
15:10:46	20.6386	0.038	14.3029
15:10:56	20.6461	0.0392	14.3451
15:11:06	20.6426	0.0398	14.3814
15:11:16	20.6482	0.041	14.4481
15:11:26	20.6482	0.0428	14.5165
15:11:36	20.6482	0.0422	14.5784
15:11:46	20.6522	0.0422	14.6302
15:11:56	20.6577	0.041	14.6629
15:12:06	20.6618	0.0422	14.6938
15:12:16	20.6577	0.0374	14.7569
<b>THC Mid Bias</b>	<b>20.65907</b>	<b>0.0402</b>	<b>14.70453</b>
15:12:26	20.6577	0.0285	14.7099
15:12:36	20.6618	0.0285	4.8918
15:12:46	19.6698	0.7671	0.4612



	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
15:12:56	13.9131	4.8251	0.3707
<b>Resume Run 1B</b>			
15:13:06	13.0698	5.2584	0.3469
15:13:16	12.9787	5.3149	0.338
15:13:26	13.0722	5.2512	0.3296
15:13:36	12.9668	5.3304	0.3148
15:13:46	12.78	5.447	0.2987
15:13:56	12.7056	5.4875	0.2898
15:14:06	12.6847	5.5089	0.26
15:14:16	12.5949	5.572	0.26
15:14:26	12.4693	5.6684	0.2529
15:14:36	12.3872	5.7356	0.2404
15:14:46	12.267	5.8279	0.2207
15:14:56	12.2081	5.8588	0.213
15:15:06	12.2652	5.81	0.2047
15:15:16	12.2824	5.8041	0.1981
15:15:26	12.2955	5.7922	0.2071
15:15:36	12.3259	5.7678	0.2178
15:15:46	12.292	5.794	0.2219
15:15:56	12.2688	5.813	0.2142
15:16:06	12.2575	5.8285	0.2207
15:16:16	12.2366	5.8463	0.2059
15:16:26	12.1944	5.8767	0.2142
15:16:36	12.1795	5.891	0.2059
15:16:46	12.1795	5.8874	0.2059
15:16:56	12.1718	5.8927	0.1898
15:17:06	12.145	5.91	0.1981
15:17:16	12.1468	5.904	0.191
15:17:26	12.2384	5.8285	0.2047
15:17:36	12.2747	5.7993	0.2142
15:17:46	12.3068	5.7731	0.2142
15:17:56	12.3777	5.7202	0.2142
15:18:06	12.408	5.7041	0.2207
15:18:16	12.414	5.6981	0.2207
15:18:26	12.3604	5.7309	0.2059
15:18:36	12.3092	5.7737	0.2059
15:18:46	12.267	5.8082	0.2219
15:18:56	12.2461	5.8303	0.2243
15:19:06	12.2307	5.8279	0.2207
15:19:16	12.2152	5.8356	0.2166
15:19:26	12.1545	5.8975	0.213
15:19:36	12.0861	5.9481	0.213
15:19:46	11.9789	6.0249	0.2255

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:19:56	11.8361	6.1225	0.2094
15:20:06	11.7617	6.1742	0.2207
15:20:16	11.6909	6.2284	0.2219
15:20:26	11.588	6.3052	0.2142
15:20:36	11.4332	6.4283	0.2118
15:20:46	11.2809	6.5307	0.2017
15:20:56	11.241	6.5718	0.1898
15:21:06	11.2446	6.5593	0.1821
15:21:16	11.2273	6.5664	0.2047
15:21:26	11.1607	6.6146	0.2059
15:21:36	11.0922	6.6563	0.2094
15:21:46	11.0672	6.6676	0.1981
15:21:56	11.0994	6.6366	0.1898
15:22:06	11.1089	6.6218	0.2047
15:22:16	11.1285	6.6152	0.2047
15:22:26	11.1321	6.62	0.2047
15:22:36	11.1589	6.6081	0.1981
15:22:46	11.1339	6.6396	0.1898
15:22:56	11.1624	6.6081	0.2047
15:23:06	11.2291	6.5497	0.1969
15:23:16	11.5249	6.3319	0.1981
15:23:26	11.563	6.326	0.1981
15:23:36	11.8052	6.1474	0.2047
15:23:46	12.1545	5.891	0.2047
15:23:56	12.4425	5.6874	0.1969
15:24:06	12.6371	5.5476	0.1749
15:24:16	12.7306	5.4934	0.166
15:24:26	12.805	5.4541	0.1624
15:24:36	12.7782	5.4714	0.1749
15:24:46	12.7972	5.453	0.1821
15:24:56	12.677	5.525	0.1898
15:25:06	12.4937	5.6357	0.1957
15:25:16	12.3777	5.7166	0.1821
15:25:26	12.2384	5.8326	0.1821
15:25:36	12.1105	5.9076	0.1898
15:25:46	12.0664	5.9439	0.1898
15:25:56	12.0646	5.9409	0.1832
15:26:06	12.023	5.979	0.1821
15:26:16	11.9789	6.0034	0.1868
15:26:26	11.9563	6.0183	0.1672
15:26:36	11.9676	6.0094	0.1743
15:26:46	11.9772	6.0011	0.1743
15:26:56	12.0057	5.9767	0.1749
15:27:06	12.2003	5.81	0.1749

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:27:16	12.2955	5.7446	0.1672
15:27:26	12.3301	5.7196	0.1743
15:27:36	12.286	5.7678	0.1749
15:27:46	12.2801	5.7636	0.1821
15:27:56	12.2307	5.8112	0.1898
15:28:06	12.0878	5.9362	0.1898
15:28:16	11.9867	6.0088	0.1898
15:28:26	11.9313	6.0522	0.1892
15:28:36	11.9236	6.0564	0.1785
15:28:46	11.8724	6.1064	0.166
15:28:56	11.876	6.0903	0.1749
15:29:06	11.8855	6.0915	0.1821
15:29:16	11.9046	6.0725	0.1832
15:29:26	11.9962	6.01	0.1898
15:29:36	12.0646	5.9993	0.1898
15:29:46	12.0646	6.0141	0.1868
15:29:56	12.1241	5.9749	0.1832
15:30:06	12.0992	6.004	0.1898
15:30:16	12.1313	5.9761	0.1898
15:30:26	12.2878	5.8499	0.191
15:30:36	12.4288	5.7327	0.191
15:30:46	12.4901	5.6856	0.191
15:30:56	12.4556	5.7029	0.2041
15:31:06	12.4503	5.7005	0.1898
15:31:16	12.477	5.6773	0.1749
15:31:26	12.4901	5.6624	0.1672
15:31:36	12.5741	5.5797	0.1749
15:31:46	12.5818	5.5922	0.1934
15:31:56	12.5032	5.6487	0.1981
15:32:06	12.4866	5.6654	0.191
15:32:16	12.4711	5.6856	0.1898
15:32:26	12.4348	5.7172	0.1892
15:32:36	12.4027	5.7517	0.1743
15:32:46	12.3622	5.7821	0.1743
15:32:56	12.3491	5.7934	0.1743
15:33:06	12.3699	5.7791	0.1868
15:33:16	12.4098	5.744	0.1898
15:33:26	12.389	5.7588	0.1898
15:33:36	12.3396	5.7934	0.1898
15:33:46	12.3241	5.8065	0.1981
15:33:56	12.3568	5.7868	0.191
15:34:06	12.3509	5.7737	0.1898
15:34:16	12.3414	5.7797	0.1969
15:34:26	12.3051	5.8142	0.1969

<b>24 hour time</b>	<b>O2 (% )</b>	<b>CO2 (% )</b>	<b>THC (ppm)</b>
15:34:36	12.2878	5.8279	0.1898
15:34:46	12.2955	5.81	0.1934
15:34:56	12.311	5.7928	0.1946
15:35:06	12.311	5.7963	0.2059
15:35:16	12.3051	5.8011	0.2017
15:35:26	12.3128	5.791	0.1981
15:35:36	12.311	5.7832	0.2059
15:35:46	12.3259	5.7642	0.2047
15:35:56	12.3646	5.7392	0.1969
15:36:06	12.3396	5.763	0.1969
15:36:16	12.3092	5.7951	0.191
15:36:26	12.2955	5.8035	0.1821
15:36:36	12.3092	5.7934	0.1898
15:36:46	12.3051	5.7898	0.1898
15:36:56	12.3741	5.7231	0.1594
15:37:06	12.3491	5.7487	0.1511
15:37:16	12.3068	5.763	0.1594
15:37:26	12.2783	5.7696	0.1594
15:37:36	12.2652	5.7749	0.1844
15:37:46	12.2325	5.7981	0.1749
15:37:56	12.2325	5.7993	0.1749
15:38:06	12.2729	5.7707	0.1749
15:38:16	12.2497	5.7868	0.1672
15:38:26	12.2575	5.7815	0.1672
15:38:36	12.2348	5.8041	0.1749
15:38:46	12.2152	5.8201	0.1749
15:38:56	12.2307	5.8118	0.1749
15:39:06	12.2461	5.81	0.1743
15:39:16	12.2366	5.8148	0.1672
15:39:26	12.2289	5.8314	0.166
15:39:36	12.2212	5.8416	0.1624
15:39:46	12.242	5.8392	0.1743
15:39:56	12.2325	5.841	0.1743
15:40:06	12.1849	5.8868	0.1868
15:40:16	12.17	5.8987	0.1898
15:40:26	12.2705	5.8065	0.1898
15:40:36	12.4461	5.6743	0.1719
15:40:46	12.5205	5.6232	0.1743
15:40:56	12.561	5.5976	0.1821
15:41:06	12.5913	5.5761	0.1749
15:41:16	12.6389	5.5381	0.1821
15:41:26	12.7074	5.4869	0.1821
15:41:36	12.7954	5.4357	0.191
15:41:46	12.6467	5.5381	0.1892

24 hour time	O2 (% )	CO2 (% )	THC (ppm)
15:41:56	12.5378	5.6047	0.1821
15:42:06	12.4235	5.6839	0.1821
15:42:16	12.3336	5.7303	0.1749
15:42:26	12.3051	5.7493	0.1743
15:42:36	12.1658	5.866	0.1821
15:42:46	12.0783	5.9332	0.1743
15:42:56	12.0248	5.9832	0.1898
15:43:06	11.9658	6.0255	0.1898
15:43:16	11.8796	6.101	0.1821
15:43:26	11.8819	6.0987	0.1821
15:43:36	11.9754	6.0231	0.1898
15:43:46	11.9522	6.0475	0.1898
15:43:56	11.8076	6.1415	0.1821
15:44:06	11.7332	6.1861	0.1898
15:44:16	11.6528	6.2468	0.1898
15:44:26	11.607	6.279	0.1743
15:44:36	11.6201	6.2599	0.1821
15:44:46	11.6493	6.2343	0.1868
15:44:56	11.6927	6.1885	0.1821
15:45:06	11.6373	6.2296	0.1821
15:45:16	11.6338	6.2361	0.1785
15:45:26	11.6701	6.2076	0.1749
15:45:36	11.7463	6.1498	0.1743
15:45:46	11.8415	6.0826	0.1594
15:45:56	11.8873	6.0558	0.166
15:46:06	11.8968	6.032	0.1672
15:46:16	11.9373	6.0022	0.1743
15:46:26	12.0022	5.957	0.1821
15:46:36	11.9867	5.9749	0.1743
15:46:46	12.0057	5.957	0.1821
15:46:56	12.0266	5.9558	0.1832
15:47:06	11.9807	5.9981	0.1696
15:47:16	11.973	6.0201	0.135
15:47:26	12.0611	5.9475	0.1422
15:47:36	12.1122	5.8898	0.1511
15:47:46	12.139	5.8535	0.1511
15:47:56	12.1831	5.8261	0.1523
15:48:06	12.1926	5.8154	0.1672
15:48:16	12.1849	5.8285	0.1672
15:48:26	12.2271	5.8041	0.1612
15:48:36	12.2444	5.8011	0.166
15:48:46	12.2729	5.7904	0.166
15:48:56	12.2997	5.7696	0.1511
15:49:06	12.2824	5.7821	0.1708

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
15:49:16	12.2325	5.8172	0.1672
15:49:26	12.2176	5.8261	0.1743
15:49:36	12.2229	5.8124	0.166
15:49:46	12.2325	5.8059	0.166
15:49:56	12.2592	5.7785	0.1743
<b>End Run 1B</b>	<b>12.12534</b>	<b>5.889135</b>	<b>0.193102</b>
15:50:06	12.2194	5.8082	0.1898
15:50:16	12.2289	5.7993	0.1898
15:50:26	12.3836	5.6731	0.1785
15:50:36	12.5758	5.544	0.1672
15:50:46	12.6621	5.5	0.1672
15:50:56	12.6812	5.4988	0.1708
15:51:06	12.6978	5.4958	0.1624
15:51:16	12.7591	5.4613	0.1594
15:51:26	12.7609	5.4571	0.1684
15:51:36	12.6865	5.4982	0.1773
15:51:46	12.5949	5.5476	0.1821
15:51:56	12.5282	5.5845	0.1743
15:52:06	12.4193	5.6642	0.1743
15:52:16	12.2634	5.7815	0.1743
15:52:26	12.1295	5.8725	0.1672
15:52:36	12.0783	5.8987	0.166
15:52:46	12.0765	5.8933	0.1672
15:52:56	12.1926	5.7987	0.1594
15:53:06	12.4747	5.5553	0.1535
15:53:16	13.5661	4.7602	0.1594
15:53:26	14.5236	4.0919	0.1594
15:53:36	14.598	3.9747	0.1547
15:53:46	14.4433	4.008	0.1583
15:53:56	14.3118	4.0544	0.166
15:54:06	14.1933	4.1074	0.1773
15:54:16	14.1803	4.1026	0.1785
15:54:26	14.144	4.1235	0.1624
15:54:36	14.0255	4.1836	0.1594
15:54:46	13.9666	4.2056	3.1082
15:54:56	13.9494	4.2127	0.6522
15:55:06	10.7756	1.1051	0.0172
15:55:16	1.8043	0.4612	-0.0024
15:55:26	0.9117	0.3594	0.0047
15:55:36	0.7724	0.3237	0.0047
15:55:46	0.6659	0.2743	-0.0114
15:55:56	0.582	0.2422	-0.0114
15:56:06	0.5248	0.2178	-0.0114

	<b>O2</b>	<b>CO2</b>	<b>THC</b>
<b>24 hour time</b>	<b>(% )</b>	<b>(% )</b>	<b>(ppm)</b>
15:56:16	0.454	0.1922	-0.0114
15:56:26	0.3112	0.1404	-0.0191
15:56:36	0.2136	0.11	-0.0191
15:56:46	0.1892	0.0993	-0.0262
15:56:56	0.1434	0.0862	-0.034
15:57:06	0.1243	0.0785	-0.0423
15:57:16	0.1071	0.0761	-0.034
15:57:26	0.0839	0.0654	-0.034
15:57:36	0.0666	0.0595	-0.034
15:57:46	0.0535	0.0553	-0.0423
15:57:56	0.044	0.0511	-0.05
<b>Zero Bias</b>	<b>0.0547</b>	<b>0.0553</b>	<b>-0.0421</b>
15:58:06	0.0327	0.0482	0.094
15:58:16	1.9936	0.8414	-4.6E-05
15:58:26	5.0876	3.3689	-0.0191
15:58:36	9.3105	9.1956	-0.0191
15:58:46	9.7378	9.7092	-0.0191
15:58:56	9.7336	9.7395	-0.0191
15:59:06	9.7264	9.7372	-0.0191
15:59:16	9.7378	9.7604	-0.0191
15:59:26	9.7586	9.7883	-0.0191
15:59:36	9.8312	9.858	-0.0227
15:59:46	9.883	9.9091	-0.0274
15:59:56	9.9722	9.9954	-0.0423
<b>O2/CO2 Bias</b>	<b>9.895467</b>	<b>9.920833</b>	<b>-0.0308</b>
16:00:06	9.9859	10.0115	-0.009
16:00:16	11.0785	6.9651	2.2548
16:00:26	17.0051	2.2828	14.6016
16:00:36	19.7594	0.6712	14.8474
16:00:46	20.1522	0.5594	14.4826
16:00:56	20.2302	0.4838	14.648
16:01:06	20.3601	0.3481	14.7206
16:01:16	20.4916	0.2166	14.7593
16:01:26	20.5757	0.1344	14.7706
16:01:36	20.6215	0.091	14.798
16:01:46	20.629	0.0708	14.8325
<b>THC Mid Bias</b>	<b>20.60873</b>	<b>0.098733</b>	<b>14.80037</b>
16:01:56	20.6366	0.0613	14.8646
16:02:05	20.6366	0.0613	14.8646

### Veolia Unit 4

Uncorrected Concentrations									
24-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 2A	935-1040	12.45	5.43				0.23	38.27	0.00
Run 2B	1235-1545	12.24	5.77						0.37

Corrected O <sub>2</sub> Conc.					
24-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	935-1040	12.45	0.06	1.01	12.54
Run 2B	1235-1545	12.24	0.08	1.02	12.37

Corrected CO <sub>2</sub> Conc.					
24-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 2A	935-1040	5.43	0.07	1.00	5.38
Run 2B	1235-1545	5.77	0.07	1.01	5.74



**Veolia Unit 4**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/24/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span)
						2.0% Limit
zero gas	52-400193157-1A	0.00	07:42	-0.01	0.01	0.0%
span gas	CC189665	22.50	07:44	22.55	0.05	0.2%
mid-range	CC43355	10.10	07:45	10.10	0.00	0.0%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
2A	0.00	-0.01	07:51	0.02	0.2%	10:43	0.09	0.4%	0.3%	$C_O = 0.055$ $C_{MA}/(C_M - C_O) = 1.012$
	10.10	10.10	07:53	10.07	-0.1%	10:44	10.01	-0.4%	-0.2%	
2B	0.00	-0.01	10:43	0.09	0.4%	15:53	0.07	0.4%	-0.1%	$C_O = 0.080$ $C_{MA}/(C_M - C_O) = 1.017$
	10.10	10.10	10:44	10.01	-0.4%	15:55	10.00	-0.4%	0.0%	

**Veolia Unit 4**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/24/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:42	0.04	0.04	0.2%
span gas	CC189665	19.20	07:44	19.22	0.02	0.1%
mid-range	CC43355	10.00	07:45	10.06	0.06	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
2A	0.00	0.04	07:51	0.06	0.1%	10:43	0.07	0.2%	0.1%	C <sub>0</sub> = 0.065 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.004
	10.00	10.06	07:53	10.04	-0.1%	10:44	10.01	-0.3%	-0.1%	
2B	0.00	0.04	10:43	0.07	0.2%	15:53	0.06	0.1%	-0.1%	C <sub>0</sub> = 0.068 C <sub>MA</sub> /(C <sub>M</sub> -C <sub>0</sub> ) 1.005
	10.00	10.06	10:44	10.01	-0.3%	15:55	10.01	-0.3%	0.0%	

**Veolia Unit 4  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/24/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	11:18	-0.02	0.02	n/a
<b>Span</b>	ALM025456	24.70	11:20	24.64	0.06	0.3%
<b>Mid</b>	ALM028646	14.80	11:21	14.96	0.16	1.1%
<b>Low</b>	ALM057529	8.43	11:24	8.51	0.08	1.0%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 2B	-0.02	12:13	-0.04	-0.1
	14.96	12:15	14.94	-0.1
	-0.02	13:38	-0.04	0.0
	14.96	13:39	14.90	-0.2
	-0.02	14:46	-0.02	0.0
	14.96	14:48	14.75	-0.7
	-0.02	15:53	-0.02	0.0
	14.96	15:56	14.73	-0.8
	-0.02			0.1
	14.96			-49.9
	-0.02			0.1
	14.96			-49.9
	-0.02			0.1
	14.96			-49.9
	-0.02			0.1
	14.96			-49.9

**EPA Method 25A Calibration Error Test Results**

						5% limit
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00			0.00	n/a
<b>Span</b>	ALM025456	24.70			24.70	100.0%
<b>Mid</b>	ALM028646	14.80			14.80	100.0%
<b>Low</b>	ALM057529	8.43			8.43	100.0%

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
7:38:05	0.0017	0.0273	1.1878
7:38:15	-4.60E-05	0.0273	1.1253
7:38:25	-0.0054	0.0285	1.1319
7:38:35	-0.0078	0.0267	1.1777
7:38:45	-0.0096	0.0291	1.2176
7:38:55	-0.0114	0.0315	1.2794
7:39:05	-0.0209	0.0291	1.3366
7:39:15	-0.0018	0.0297	1.3598
7:39:25	-0.0036	0.0309	1.3497
7:39:35	20.6769	18.2201	1.2295
7:39:45	22.5898	19.3601	1.3973
7:39:55	22.6241	19.3813	1.3413
7:40:05	22.6528	19.3913	1.3062
7:40:15	22.6699	19.4024	1.2729
7:40:25	22.6684	19.4074	1.242
7:40:35	22.6412	19.4276	1.1878
7:40:45	22.5385	19.4326	1.158
7:40:55	22.548	19.4361	1.1503
7:41:05	22.548	19.2136	1.1182
7:41:15	22.5309	19.1265	1.0837
7:41:25	18.3822	12.0873	0.9396
7:41:35	0.2463	0.1404	1.0313
7:41:45	0.0309	0.094	1.0277
7:41:55	0.0059	0.0743	1.0152
7:42:05	0.0041	0.0595	0.9777
7:42:15	-0.0018	0.0482	0.9628
7:42:25	-0.0149	0.0374	0.9694
7:42:35	-0.0114	0.0327	0.9569
<b>N2 Zero</b>	<b>-0.00937</b>	<b>0.039433</b>	<b>0.963033</b>
7:42:45	-0.0018	0.0369	0.9545
7:42:55	18.3042	16.9381	0.8861
7:43:05	22.4393	19.1647	0.9456
7:43:15	22.5138	19.1899	0.9384
7:43:25	22.5233	19.2045	0.9396
7:43:35	22.5405	19.2136	0.9396
7:43:45	22.544	19.2186	0.9361
7:43:55	22.546	19.2247	0.9373
7:44:05	22.55	19.2287	0.9396
<b>O2/CO2 Span</b>	<b>22.54667</b>	<b>19.224</b>	<b>0.937667</b>
7:44:15	22.4831	18.9457	0.9307
7:44:25	15.6258	10.415	0.8492
7:44:35	10.2144	10.1151	0.8873

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:44:45	10.1252	10.1061	0.8938
7:44:55	10.1192	10.1008	0.8754
7:45:05	10.1079	10.0972	0.8789
7:45:15	10.0984	10.0936	0.8676
7:45:25	10.1061	10.0936	0.8676
7:45:35	10.096	10.0936	0.8599
7:45:45	10.0984	10.0496	0.8837
7:45:55	10.1002	10.0466	0.8153
<b>O2/CO2 Mid</b>	<b>10.0982</b>	<b>10.06327</b>	<b>0.852967</b>
7:46:05	10.0907	10.0413	0.8129
7:46:15	10.1115	10.0347	0.8837
7:46:25	10.14	10.102	1.6389
7:46:35	10.1383	10.1008	27.0985
7:46:45	10.14	10.0847	14.1975
7:46:55	10.1347	10.0776	9.655
7:47:05	10.1323	10.0663	8.9707
7:47:15	10.1287	10.0591	8.641
7:47:25	10.1305	10.0514	8.2541
7:47:35	10.1365	10.043	7.762
7:47:45	10.121	10.0377	6.8146
7:47:55	10.121	10.0305	6.0772
7:48:05	10.1287	10.0258	5.9951
7:48:15	10.1287	10.0198	5.7291
7:48:25	10.127	10.0145	5.2703
7:48:35	10.1365	10.0073	6.4539
7:48:45	10.6893	9.7503	6.4676
7:48:55	14.7355	3.5867	7.6567
7:49:05	14.7504	3.592	7.9792
7:49:15	14.7028	3.6194	7.6691
7:49:25	14.6932	3.6164	7.0544
7:49:35	14.7123	3.6028	6.6759
7:49:45	15.4657	3.207	19.9709
7:49:55	4.4008	0.3475	5.0346
7:50:05	0.4749	0.1273	4.0253
7:50:15	0.1315	0.0797	3.0868
7:50:25	0.069	0.0678	1.6044
7:50:35	0.044	0.0595	0.9236
7:50:45	0.0422	0.0565	0.579
7:50:55	0.0267	0.0565	0.3755
7:51:05	0.0249	0.0559	0.3148
7:51:15	0.0232	0.0541	0.2749
<b>Zero Bias</b>	<b>0.024933</b>	<b>0.0555</b>	<b>0.321733</b>

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
7:51:25	0.019	0.0517	0.1511
7:51:35	4.3413	1.4526	4.1032
7:51:45	4.7037	3.2731	2.6036
7:51:55	9.7627	9.6681	0.2118
7:52:05	9.9913	9.9228	0.0779
7:52:15	10.0353	9.9877	0.0434
7:52:25	10.0466	10.0097	0.0261
7:52:35	10.0526	10.0204	0.0113
7:52:45	10.0561	10.0305	-0.0102
7:52:55	10.0621	10.0377	-0.0215
7:53:05	10.0811	10.0401	-0.0399
<b>O2/CO2 Bias</b>	<b>10.06643</b>	<b>10.0361</b>	<b>-0.02387</b>
7:53:15	10.0657	10.0335	-0.031
7:53:25	11.4832	6.8497	2.9999
7:53:35	11.4523	6.9758	7.7001
7:53:45	12.6044	4.84	15.2241
9:30:05	12.6597	5.2822	0.46
9:30:15	12.6752	5.2709	0.4558
9:30:25	12.5973	5.3119	0.4558
9:30:35	12.5205	5.3637	0.4558
9:30:45	12.4366	5.4095	0.4558
9:30:55	12.4366	5.4036	0.4475
9:31:05	12.4271	5.4071	0.4397
9:31:15	12.4122	5.4113	0.4475
9:31:25	12.4461	5.3928	0.4475
9:31:35	12.4598	5.3809	0.4558
9:31:45	12.555	5.322	0.4338
9:31:55	12.6217	5.2881	0.4362
9:32:05	12.6121	5.2935	0.4338
9:32:15	12.721	5.2161	0.4249
9:32:25	13.0126	5.015	0.4076
9:32:35	12.6961	5.2822	0.4153
9:32:45	12.2652	5.5601	0.4213
9:32:55	12.2955	5.5029	0.4278
9:33:05	12.4616	5.3899	0.4314
9:33:15	12.5931	5.2988	0.4314
9:33:25	12.6407	5.2917	0.4314
9:33:35	12.5973	5.3232	0.4314
9:33:45	12.5229	5.3756	0.4261
9:33:55	12.4919	5.3893	0.4386
9:34:05	12.5169	5.3625	0.4386
9:34:15	12.5532	5.3304	0.4386

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:34:25	12.5378	5.3357	0.4397
9:34:35	12.5973	5.3036	0.4397
9:34:45	12.5723	5.3244	0.4237
9:34:55	12.5282	5.3464	0.4314

**Start Run 2A**

9:35:05	12.458	5.3911	0.4397
9:35:15	12.4253	5.4143	0.4397
9:35:25	12.3812	5.4506	0.4475
9:35:35	12.3759	5.4381	0.4397
9:35:45	12.4634	5.3946	0.4314
9:35:55	12.53	5.3423	0.4237
9:36:05	12.633	5.2953	0.4153
9:36:15	12.6312	5.2935	0.4165
9:36:25	12.6597	5.2786	0.4153
9:36:35	12.658	5.2691	0.4237
9:36:45	12.6217	5.3107	0.4237
9:36:55	12.5663	5.347	0.4237
9:37:05	12.53	5.3571	0.4237
9:37:15	12.5324	5.3583	0.4213
9:37:25	12.5437	5.3554	0.4314
9:37:35	12.5741	5.3333	0.4314
9:37:45	12.5776	5.3387	0.4153
9:37:55	12.5586	5.3363	0.4153
9:38:05	12.53	5.3548	0.4076
9:38:15	12.5032	5.3655	0.4213
9:38:25	12.477	5.3899	0.4225
9:38:35	12.5247	5.3583	0.4302
9:38:45	12.5419	5.3494	0.4237
9:38:55	12.5455	5.3458	0.4201
9:39:05	12.536	5.3548	0.4076
9:39:15	12.5854	5.3274	0.4076
9:39:25	12.6371	5.2988	0.41
9:39:35	12.6597	5.3066	0.4076
9:39:45	12.6788	5.2929	0.3993
9:39:55	12.9156	5.1203	0.4076
9:40:05	13.1216	4.9852	0.4153
9:40:15	13.0757	5.0542	0.4076
9:40:25	13.1864	4.9834	0.4088
9:40:35	13.1424	5.0185	0.4088
9:40:45	13.0567	5.0673	0.4076
9:40:55	13.1138	5.015	0.4153
9:41:05	13.1043	5.0227	0.4153
9:41:15	13.1424	4.9852	0.4153

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:41:25	12.9978	5.0929	0.4076
9:41:35	12.8163	5.2125	0.4314
9:41:45	12.7936	5.2167	0.4153
9:41:55	12.8371	5.1917	0.4076
9:42:05	12.8085	5.2167	0.3915
9:42:15	12.7591	5.2435	0.3915
9:42:25	12.7288	5.2637	0.3993
9:42:35	12.7246	5.2595	0.3993
9:42:45	12.7573	5.2369	0.3915
9:42:55	12.7228	5.2649	0.3915
9:43:05	12.7532	5.2578	0.3915
9:43:15	12.7841	5.2411	0.3993
9:43:25	12.7859	5.2411	0.3915
9:43:35	12.7532	5.2512	0.3832
9:43:45	12.7401	5.2637	0.3832
9:43:55	12.7115	5.2905	0.3892
9:44:05	12.7097	5.2875	0.3832
9:44:15	12.7074	5.2881	0.3832
9:44:25	12.658	5.3125	0.3832
9:44:35	12.6407	5.3202	0.3767
9:44:45	12.6163	5.3268	0.3767
9:44:55	12.6199	5.3167	0.3767
9:45:05	12.6294	5.3143	0.3767
9:45:15	12.6562	5.3012	0.3844
9:45:25	12.6562	5.2976	0.3767
9:45:35	12.677	5.2828	0.3767
9:45:45	12.6907	5.2744	0.3832
9:45:55	12.6597	5.303	0.3927
9:46:05	12.6389	5.3161	0.3915
9:46:15	12.6121	5.322	0.3767
9:46:25	12.6217	5.3179	0.3767
9:46:35	12.6597	5.2869	0.3844
9:46:45	12.7437	5.2494	0.3832
9:46:55	12.8276	5.1798	0.3844
9:47:05	12.9365	5.1149	0.3844
9:47:15	12.9043	5.1393	0.3767
9:47:25	12.8829	5.1459	0.3903
9:47:35	12.868	5.1578	0.3832
9:47:45	12.7097	5.2691	0.3844
9:47:55	12.5949	5.3339	0.3767
9:48:05	12.4979	5.3821	0.3707
9:48:15	12.5705	5.3137	0.3683
9:48:25	12.7246	5.2042	0.3683
9:48:35	12.7478	5.1953	0.3743



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:48:45	12.6217	5.2917	0.3868
9:48:55	12.4193	5.4244	0.3939
9:49:05	12.2973	5.4875	0.3844
9:49:15	12.2515	5.522	0.3868
9:49:25	12.1866	5.5601	0.3975
9:49:35	12.1771	5.5636	0.3927
9:49:45	12.189	5.5583	0.3832
9:49:55	12.1605	5.5744	0.3915
9:50:05	12.1985	5.541	0.3915
9:50:15	12.2212	5.5196	0.3844
9:50:25	12.2003	5.5363	0.3832
9:50:35	12.1962	5.544	0.3892
9:50:45	12.1563	5.5785	0.3903
9:50:55	12.2057	5.5339	0.3892
9:51:05	12.3432	5.4559	0.363
9:51:15	12.414	5.4244	0.3844
9:51:25	12.4253	5.425	0.3767
9:51:35	12.4253	5.4315	0.3767
9:51:45	12.3586	5.4708	0.3767
9:51:55	12.3432	5.4738	0.3767
9:52:05	12.3283	5.4797	0.3814
9:52:15	12.3646	5.4583	0.3767
9:52:25	12.3622	5.4595	0.3767
9:52:35	12.3908	5.4422	0.3767
9:52:45	12.3931	5.4494	0.3814
9:52:55	12.4348	5.4256	0.3832
9:53:05	12.5187	5.3786	0.3844
9:53:15	12.5568	5.3595	0.3683
9:53:25	12.6181	5.3244	0.3767
9:53:35	12.721	5.2756	0.3767
9:53:45	12.7193	5.2929	0.3767
9:53:55	12.7193	5.2947	0.3606
9:54:05	12.83	5.2119	0.3683
9:54:15	12.9954	5.1078	0.3606
9:54:25	12.9936	5.112	0.357
9:54:35	13.137	5.0078	0.3445
9:54:45	13.1656	4.9959	0.3529
9:54:55	13.1579	4.9941	0.3529
9:55:05	12.9519	5.1375	0.3445
9:55:15	12.8109	5.2256	0.3606
9:55:25	12.7556	5.2548	0.3606
9:55:35	12.7841	5.2411	0.3606
9:55:45	12.7877	5.2363	0.3683
9:55:55	12.849	5.1905	0.3683

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:56:05	12.9347	5.134	0.3606
9:56:15	12.9615	5.1221	0.3445
9:56:25	12.9841	5.1137	0.3445
9:56:35	12.9859	5.1167	0.3445
9:56:45	12.8657	5.1899	0.3582
9:56:55	12.7151	5.2774	0.3683
9:57:05	12.6812	5.2881	0.3606
9:57:15	12.6371	5.3125	0.3386
9:57:25	12.5663	5.3476	0.3529
9:57:35	12.5627	5.3554	0.3469
9:57:45	12.58	5.347	0.3445
9:57:55	12.6044	5.325	0.3445
9:58:05	12.5895	5.3363	0.3469
9:58:15	12.5282	5.3732	0.3445
9:58:25	12.4443	5.4232	0.3368
9:58:35	12.3908	5.4476	0.3398
9:58:45	12.4122	5.4327	0.3505
9:58:55	12.4461	5.4071	0.3529
9:59:05	12.5074	5.3714	0.3445
9:59:15	12.536	5.3637	0.3261
9:59:25	12.4919	5.3982	0.3445
9:59:35	12.3985	5.4464	0.3421
9:59:45	12.4044	5.4411	0.3445
9:59:55	12.4253	5.4208	0.3368
10:00:05	12.4348	5.4167	0.3368
10:00:15	12.414	5.4303	0.3445
10:00:25	12.4443	5.419	0.3344
10:00:35	12.4235	5.4244	0.332
10:00:45	12.4044	5.4339	0.3296
10:00:55	12.3812	5.447	0.3344
10:01:05	12.3301	5.4762	0.338
10:01:15	12.311	5.4893	0.338
10:01:25	12.3414	5.4637	0.3296
10:01:35	12.4538	5.3923	0.338
10:01:45	12.5342	5.35	0.3368
10:01:55	12.5282	5.3548	0.3445
10:02:05	12.5818	5.3202	0.3457
10:02:15	12.7193	5.2167	0.3445
10:02:25	12.9668	5.0655	0.3445
10:02:35	12.9139	5.1352	0.3296
10:02:45	12.799	5.2244	0.3457
10:02:55	12.7401	5.2578	0.3457
10:03:05	12.702	5.2816	0.3529
10:03:15	12.6883	5.2851	0.3505

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:03:25	12.7133	5.281	0.338
10:03:35	12.6389	5.3149	0.338
10:03:45	12.53	5.3815	0.338
10:03:55	12.2747	5.5506	0.3445
10:04:05	12.0593	5.7071	0.3529
10:04:15	12.0093	5.7452	0.3582
10:04:25	11.9998	5.7434	0.3665
10:04:35	12.1241	5.6243	0.3606
10:04:45	12.2783	5.5101	0.3529
10:04:55	12.3509	5.4684	0.3529
10:05:05	12.389	5.4476	0.338
10:05:15	12.4461	5.4244	0.3261
10:05:25	12.4747	5.3875	0.3195
10:05:35	12.4443	5.4042	0.332
10:05:45	12.4122	5.4161	0.3529
10:05:55	12.4271	5.3982	0.3606
10:06:05	12.536	5.3357	0.3529
10:06:15	12.5151	5.3464	0.3457
10:06:25	12.4616	5.3881	0.338
10:06:35	12.5074	5.369	0.3368
10:06:45	12.5229	5.3708	0.3296
10:06:55	12.4521	5.4137	0.3296
10:07:05	12.3759	5.4607	0.3296
10:07:15	12.3301	5.4821	0.338
10:07:25	12.3223	5.491	0.338
10:07:35	12.3336	5.4827	0.338
10:07:45	12.3473	5.4827	0.3296
10:07:55	12.2575	5.5357	0.3296
10:08:05	12.3717	5.4631	0.3219
10:08:15	12.4193	5.4327	0.3296
10:08:25	12.6104	5.3232	0.3296
10:08:35	12.7817	5.2215	0.3237
10:08:45	12.9305	5.134	0.307
10:08:55	13.0299	5.0786	0.307
10:09:05	12.9954	5.1012	0.307
10:09:15	13.0531	5.0608	0.3148
10:09:25	13.0817	5.0417	0.3219
10:09:35	13.0888	5.0459	0.3219
10:09:45	13.137	4.9852	0.3219
10:09:55	13.1805	4.9632	0.3219
10:10:05	13.1483	4.9787	0.3219
10:10:15	13.0912	5.0328	0.3296
10:10:25	13.1025	5.0042	0.3296
10:10:35	13.0168	5.0899	0.3296

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:10:45	12.7383	5.2673	0.3296
10:10:55	12.6788	5.2988	0.3219
10:11:05	12.6621	5.306	0.3219
10:11:15	12.6068	5.3411	0.3296
10:11:25	12.5532	5.3774	0.3148
10:11:35	12.4312	5.4422	0.307
10:11:45	12.3396	5.4893	0.3219
10:11:55	12.2634	5.5244	0.316
10:12:05	12.2152	5.569	0.3237
10:12:15	12.2253	5.5452	0.3344
10:12:25	12.2081	5.5577	0.3296
10:12:35	12.189	5.5744	0.3296
10:12:45	12.1718	5.5934	0.3285
10:12:55	12.1831	5.5738	0.3219
10:13:05	12.2057	5.5631	0.3219
10:13:15	12.1622	5.5952	0.3296
10:13:25	12.0325	5.6922	0.3237
10:13:35	11.9141	5.785	0.3148
10:13:45	11.8111	5.8606	0.3219
10:13:55	11.338	6.2903	0.3273
10:14:05	10.9774	6.5176	0.3261
10:14:15	11.2904	6.2581	0.3296
10:14:25	11.5171	6.082	0.3219
10:14:35	11.529	6.0856	0.3219
10:14:45	11.6243	5.9886	0.3296
10:14:55	11.7064	5.9284	0.338
10:15:05	11.8986	5.7761	0.3296
10:15:15	12.1908	5.5625	0.3356
10:15:25	12.3396	5.4839	0.338
10:15:35	12.4503	5.422	0.338
10:15:45	12.5151	5.3851	0.3296
10:15:55	12.4747	5.4274	0.3219
10:16:05	12.5092	5.3923	0.3219
10:16:15	12.5378	5.3738	0.307
10:16:25	12.4538	5.4303	0.307
10:16:35	12.3336	5.4982	0.3219
10:16:45	12.2747	5.5285	0.3237
10:16:55	12.2634	5.5339	0.3219
10:17:05	12.2212	5.5648	0.3219
10:17:15	12.2003	5.5696	0.3219
10:17:25	12.2307	5.5446	0.3219
10:17:35	12.3432	5.4827	0.3088
10:17:45	12.4556	5.4095	0.307
10:17:55	12.4158	5.4476	0.307

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:18:05	12.4003	5.4583	0.307
10:18:15	12.4461	5.4226	0.307
10:18:25	12.4842	5.4036	0.307
10:18:35	12.5205	5.3815	0.3171
10:18:45	12.477	5.4089	0.3195
10:18:55	12.511	5.3839	0.3171
10:19:05	12.5568	5.3583	0.3219
10:19:15	12.5282	5.3821	0.3219
10:19:25	12.4711	5.4107	0.3219
10:19:35	12.4693	5.4196	0.3148
10:19:45	12.4729	5.419	0.3219
10:19:55	12.4098	5.4464	0.3219
10:20:05	12.408	5.447	0.3219
10:20:15	12.3949	5.4595	0.2987
10:20:25	12.3586	5.4869	0.2987
10:20:35	12.2801	5.5422	0.2933
10:20:45	12.261	5.5571	0.2999
10:20:55	12.2479	5.5631	0.3148
10:21:05	12.2783	5.5381	0.3148
10:21:15	12.311	5.5053	0.3148
10:21:25	12.3259	5.4946	0.3148
10:21:35	12.4193	5.4363	0.2987
10:21:45	12.4884	5.3976	0.2963
10:21:55	12.5455	5.372	0.307
10:22:05	12.5568	5.3732	0.307
10:22:15	12.5681	5.3601	0.3148
10:22:25	12.5514	5.369	0.3124
10:22:35	12.5437	5.3577	0.3088
10:22:45	12.6217	5.3066	0.3219
10:22:55	12.6425	5.3	0.3219
10:23:05	12.6181	5.3268	0.3237
10:23:15	12.5378	5.3768	0.3332
10:23:25	12.4407	5.4393	0.3296
10:23:35	12.3795	5.4708	0.332
10:23:45	12.3033	5.5113	0.338
10:23:55	12.267	5.5351	0.338
10:24:05	12.1849	5.5845	0.3296
10:24:15	12.3068	5.4637	0.3219
10:24:25	12.3568	5.4434	0.3219
10:24:35	12.2557	5.4922	0.3219
10:24:45	12.1051	5.5964	0.3148
10:24:55	12.023	5.6273	0.31
10:25:05	12.0343	5.6285	0.307
10:25:15	11.9825	5.6791	0.3148

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:25:25	11.9599	5.7005	0.3148
10:25:35	11.8242	5.8326	0.3148
10:25:45	11.6969	5.9231	0.307
10:25:55	11.5862	6.004	0.3148
10:26:05	11.5689	6.0153	0.3171
10:26:15	11.6701	5.9469	0.3148
10:26:25	11.7939	5.8535	0.3148
10:26:35	11.8093	5.857	0.3148
10:26:45	11.7427	5.9058	0.307
10:26:55	11.7141	5.9207	0.291
10:27:05	11.7427	5.9058	0.3035
10:27:15	11.7748	5.888	0.307
10:27:25	11.7903	5.8773	0.3035
10:27:35	11.7808	5.885	0.316
10:27:45	11.8129	5.8558	0.3183
10:27:55	11.8206	5.8523	0.3148
10:28:05	11.8129	5.8505	0.3207
10:28:15	11.7653	5.8933	0.3219
10:28:25	11.7332	5.9124	0.3249
10:28:35	11.7385	5.9118	0.3088
10:28:45	11.7332	5.9249	0.3148
10:28:55	11.7403	5.9225	0.307
10:29:05	11.729	5.9338	0.3148
10:29:15	11.7195	5.9284	0.3148
10:29:25	11.7826	5.8797	0.3035
10:29:35	11.8052	5.8677	0.2987
10:29:45	11.7332	5.9314	0.2987
10:29:55	11.7064	5.9344	0.2987
10:30:05	11.7236	5.9088	0.291
10:30:15	11.6969	5.9237	0.2826
10:30:25	11.6754	5.9374	0.2761
10:30:35	11.6737	5.9344	0.2975
10:30:45	11.8034	5.8428	0.2987
10:30:55	11.9426	5.766	0.2999
10:31:05	12.0039	5.7208	0.291
10:31:15	12.1027	5.6541	0.3023
10:31:25	12.0307	5.7166	0.307
10:31:35	12.0498	5.6958	0.307
10:31:45	12.1831	5.6029	0.307
10:31:55	12.3205	5.5154	0.3082
10:32:05	12.4175	5.4637	0.307
10:32:15	12.4919	5.4178	0.3148
10:32:25	12.5437	5.4149	0.3148
10:32:35	12.5473	5.3863	0.2963

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:32:45	12.6467	5.3339	0.2922
10:32:55	12.727	5.2923	0.3058
10:33:05	12.799	5.2465	0.2963
10:33:15	12.7913	5.2417	0.291
10:33:25	12.849	5.2084	0.291
10:33:35	12.8698	5.1982	0.2963
10:33:45	12.8466	5.2137	0.3011
10:33:55	12.9061	5.1863	0.3088
10:34:05	13.0073	5.1274	0.2987
10:34:15	13.1043	5.0703	0.307
10:34:25	13.068	5.0989	0.2886
10:34:35	13.0168	5.1268	0.3047
10:34:45	13.0246	5.1227	0.2987
10:34:55	13.0031	5.1393	0.307
10:35:05	12.9573	5.1631	0.2987
10:35:15	12.9859	5.1429	0.2987
10:35:25	13.0186	5.128	0.2999
10:35:35	13.0359	5.1143	0.2987
10:35:45	13.0281	5.1233	0.2987
10:35:55	13.0126	5.1364	0.2933
10:36:05	13.0168	5.125	0.3023
10:36:15	13.0031	5.1334	0.307
10:36:25	12.965	5.1489	0.3047
10:36:35	12.7056	5.2947	0.2963
10:36:45	12.5395	5.3815	0.2951
10:36:55	12.4901	5.3982	0.2987
10:37:05	12.4443	5.4244	0.291
10:37:15	12.3836	5.4666	0.2987
10:37:25	12.4027	5.4506	0.2922
10:37:35	12.4003	5.4577	0.2838
10:37:45	12.3033	5.5143	0.2922
10:37:55	12.1355	5.6202	0.2999
10:38:05	12.0498	5.6684	0.2701
10:38:15	12.0343	5.6696	0.2838
10:38:25	12.0212	5.6898	0.2838
10:38:35	11.9468	5.7463	0.2785
10:38:45	11.9772	5.7184	0.2737
10:38:55	11.9349	5.7535	0.2838
10:39:05	11.9712	5.7172	0.2838
10:39:15	11.8724	5.7934	0.2838
10:39:25	11.7617	5.86	0.2838
10:39:35	12.0593	5.6089	0.2838
10:39:45	12.0914	5.6047	0.2838
10:39:55	12.1985	5.5	0.2886

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
<b>End Run 2A</b>	<b>12.45369</b>	<b>5.426967</b>	<b>0.343133</b>
10:40:05	12.2194	5.4893	0.2826
10:40:15	12.1831	5.4946	0.2838
10:40:25	11.9944	5.6499	0.2838
10:40:35	11.8147	5.7868	0.2838
10:40:45	11.7617	5.8326	0.2785
10:40:55	11.7367	5.8422	0.2838
10:41:05	11.7159	5.8737	0.2898
10:41:15	11.582	5.9772	0.2886
10:41:25	11.4582	6.0641	0.2761
10:41:35	16.0721	3.7456	1.0224
10:41:45	1.4538	0.2654	0.1785
10:41:55	0.2844	0.1797	0.0345
10:42:05	0.185	0.1237	0.0047
10:42:15	0.2041	0.1297	-0.0054
10:42:25	0.1434	0.1023	-0.0185
10:42:35	0.1374	0.0964	-0.0399
10:42:45	0.1124	0.0827	-0.05
10:42:55	0.0916	0.0773	-0.0423
10:43:05	0.0726	0.0654	-0.05
10:43:15	0.0916	0.0809	-0.05
<b>Zero Bias</b>	<b>0.085267</b>	<b>0.074533</b>	<b>-0.04743</b>
10:43:25	0.3987	0.2862	0.2166
10:43:35	5.6059	1.6419	0.4868
10:43:45	9.5069	9.636	0.0184
10:43:55	9.9645	9.908	-0.0173
10:44:05	9.9835	9.9657	-0.0185
10:44:15	10.0008	9.9966	-0.0191
10:44:25	10.0103	10.0175	-0.0185
10:44:35	10.0198	10.0288	-0.0286
<b>O2/CO2 Bias</b>	<b>10.0103</b>	<b>10.0143</b>	<b>-0.02207</b>
10:44:45	10.0258	10.0282	0.0232
10:44:55	12.0498	5.5387	0.6296
10:45:05	12.5627	5.1875	0.5344
10:45:15	18.5957	0.9111	15.161
10:45:25	20.4326	0.307	24.3668
10:45:35	20.5434	0.2071	25.2082
10:45:45	20.5892	0.1475	25.4106
11:17:05	8.9707	0.4397	5.9594
11:17:15	0.3951	0.1886	0.1452



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:17:25	0.2273	0.1327	0.0244
11:17:35	0.16	0.1047	0.0047
11:17:45	0.1279	0.0862	-0.0173
11:17:55	0.0976	0.0726	-0.0185
11:18:05	0.0821	0.0773	-0.0191
11:18:15	0.0648	0.072	-0.0215
11:18:25	0.0553	0.0666	-0.0262
<b>Zero Bias</b>	<b>0.0674</b>	<b>0.071967</b>	<b>-0.02227</b>
11:18:35	0.0535	0.0607	0.0113
11:18:45	9.0909	4.568	1.94
11:18:55	18.9563	0.1511	21.0606
11:19:05	20.3717	0.088	24.2832
11:19:15	20.4996	0.0678	24.4731
11:19:25	20.5565	0.0571	24.5259
11:19:35	20.6023	0.0505	24.5602
11:19:45	20.6255	0.0476	24.5798
11:19:55	20.6461	0.0434	24.606
11:20:05	20.6673	0.0476	24.6266
11:20:15	20.6824	0.0392	24.6392
11:20:25	20.6864	0.0452	24.6438
<b>THC Span Bias 24.7</b>	<b>20.6787</b>	<b>0.044</b>	<b>24.63653</b>
11:20:35	20.692	0.0452	24.6256
11:20:45	16.4613	2.8261	16.6737
11:20:55	20.5182	0.1106	15.1414
11:21:05	20.6159	0.0648	14.8831
11:21:15	20.6366	0.0529	14.9218
11:21:25	20.631	0.0488	14.9539
11:21:35	20.6351	0.0458	14.9599
11:21:45	20.6351	0.0446	14.9599
11:21:55	20.6406	0.0434	14.9676
<b>THC Mid Bias 14.8</b>	<b>20.63693</b>	<b>0.0446</b>	<b>14.96247</b>
11:22:05	20.6406	0.0428	14.9747
11:22:15	20.6537	0.0428	14.9825
11:22:25	20.6482	0.038	14.9902
11:22:35	17.7473	1.7603	7.5031
11:22:45	19.7806	0.4814	8.8558
11:22:55	20.6824	0.0987	8.3892
11:23:05	20.7131	0.0648	8.4523
11:23:15	20.7151	0.0529	8.4809
11:23:25	20.7282	0.0464	8.4946
11:23:35	20.7358	0.0428	8.5047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:23:45	20.7453	0.0398	8.5083
11:23:55	20.7453	0.0374	8.513
11:24:05	20.7433	0.0374	8.5118
<b>THC Low Bias 8.43</b>	<b>20.74463</b>	<b>0.0382</b>	<b>8.511033</b>
11:24:15	20.7474	0.0351	8.4523
11:24:25	16.3506	3.1094	2.9594
11:24:35	13.1632	4.7971	0.6284
11:24:45	13.0585	4.8697	0.5451
11:24:55	12.9996	4.9108	0.507
11:25:05	12.9787	4.9245	0.4683
11:25:15	12.9537	4.9501	0.4201
11:25:25	12.9252	4.9608	0.3993
11:25:35	12.9478	4.9465	0.3856
11:25:45	12.946	4.9537	0.3654
11:25:55	12.9329	4.9572	0.3505
11:26:05	12.9192	4.9709	0.3296
11:26:15	12.9573	4.9459	0.3231
11:26:25	12.9365	4.9608	0.3112
11:26:35	12.9347	4.959	0.307
11:26:45	12.9365	4.9566	0.307
11:26:55	12.9692	4.9459	0.307
11:27:05	12.9633	4.9435	0.3011
11:27:15	12.9859	4.9334	0.307
11:27:25	12.9918	4.9328	0.3088
11:27:35	12.9859	4.9304	0.2987
11:27:45	13.0144	4.9114	0.2987
11:27:55	12.99	4.9364	0.2886
11:28:05	12.99	4.9364	0.2838
11:28:15	12.9841	4.9358	0.2803
11:28:25	13.0073	4.9197	0.2701
11:28:35	13.0263	4.9144	0.2749
11:28:45	13.0091	4.9239	0.2749
11:28:55	12.9954	4.9352	0.2666
11:29:05	12.9692	4.9537	0.2725
11:29:15	12.9537	4.962	0.26
11:29:25	12.9859	4.9418	0.2612
11:29:35	13.0454	4.9066	0.2624
11:29:45	13.0376	4.9114	0.2678
11:29:55	12.99	4.9412	0.2678
11:30:05	12.9597	4.9578	0.2678
11:30:15	12.9234	4.9834	0.2689
11:30:25	12.9668	4.9703	0.26
11:30:35	12.9424	4.9662	0.2749

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:30:45	12.927	4.9792	0.2678
11:30:55	12.9383	4.9739	0.2678
11:31:05	12.9234	4.9822	0.2564
11:31:15	12.9192	4.987	0.2517
11:31:25	12.868	5.0138	0.2517
11:31:35	12.7074	5.112	0.2529
11:31:45	12.5741	5.181	0.2529
11:31:55	12.511	5.2179	0.2517
11:32:05	12.4979	5.2244	0.2451
11:32:15	12.4979	5.2197	0.2517
11:32:25	12.4884	5.2322	0.26
11:32:35	12.4312	5.2584	0.2666
11:32:45	12.4217	5.2768	0.2612
11:32:55	12.3949	5.2845	0.26
11:33:05	12.3741	5.3083	0.2529
11:33:15	12.3699	5.3149	0.2529
11:33:25	12.3836	5.303	0.2553
11:33:35	12.3473	5.3339	0.2576
11:33:45	12.3033	5.3554	0.2517
11:33:55	12.3396	5.3393	0.26
11:34:05	12.408	5.3083	0.2451
11:34:15	12.4634	5.2703	0.2368
11:34:25	12.5151	5.2423	0.2368
11:34:35	12.4461	5.2744	0.2428
11:34:45	12.3908	5.3214	0.2576
11:34:55	12.3664	5.3298	0.2678
11:35:05	12.3795	5.3274	0.2588
11:35:15	12.3509	5.3417	0.26
11:35:25	12.3949	5.3179	0.2529
11:35:35	12.3836	5.328	0.2529
11:35:45	12.5491	5.2465	0.2553
11:35:55	12.5134	5.2637	0.2529
11:36:05	12.53	5.2542	0.2529
11:36:15	12.677	5.1619	0.2493
11:36:25	12.7972	5.1006	0.2451
11:36:35	12.8657	5.0679	0.2451
11:36:45	12.8829	5.0572	0.2439
11:36:55	12.9478	5.015	0.2529
11:37:05	13.0281	4.9554	0.2517
11:37:15	13.0359	4.9739	0.2368
11:37:25	13.049	4.9578	0.2291
11:37:35	12.927	5.0328	0.2451
11:37:45	12.8163	5.0893	0.2517
11:37:55	12.7859	5.1066	0.2529

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:38:05	12.7764	5.1096	0.2529
11:38:15	12.7478	5.1179	0.2451
11:38:25	12.6675	5.1608	0.2624
11:38:35	12.6734	5.1548	0.26
11:38:45	12.6734	5.1548	0.26
11:38:55	12.702	5.1393	0.2564
11:39:05	12.7074	5.128	0.26
11:39:15	12.7056	5.1381	0.2517
11:39:25	12.7038	5.1364	0.2529
11:39:35	12.6657	5.1566	0.2451
11:39:45	12.6925	5.1441	0.2517
11:39:55	12.6812	5.1465	0.2517
11:40:05	12.7288	5.1173	0.2529
11:40:15	12.7115	5.131	0.2517
11:40:25	12.6883	5.1518	0.2564
11:40:35	12.6312	5.1768	0.2451
11:40:45	12.5437	5.2322	0.2451
11:40:55	12.5324	5.2351	0.2368
11:41:05	12.5324	5.2298	0.2368
11:41:15	12.5741	5.2167	0.2439
11:41:25	12.5342	5.2393	0.2451
11:41:35	12.53	5.2322	0.238
11:41:45	12.5455	5.2203	0.2368
11:41:55	12.6121	5.1875	0.2368
11:42:05	12.658	5.1608	0.2368
11:42:15	12.6086	5.1893	0.2291
11:42:25	12.5491	5.2256	0.2368
11:42:35	12.5931	5.2024	0.2303
11:42:45	12.5663	5.2161	0.2315
11:42:55	12.5913	5.1893	0.2303
11:43:05	12.58	5.1977	0.2356
11:43:15	12.5973	5.1852	0.2439
11:43:25	12.6657	5.1477	0.2303
11:43:35	12.6276	5.1786	0.2291
11:43:45	12.6044	5.1917	0.2356
11:43:55	12.6294	5.1768	0.2356
11:44:05	12.6675	5.1542	0.2439
11:44:15	12.658	5.1727	0.2356
11:44:25	12.658	5.1584	0.2428
11:44:35	12.7056	5.1375	0.2439
11:44:45	12.7097	5.1334	0.2439
11:44:55	12.7097	5.1381	0.2451
11:45:05	12.6865	5.1459	0.2368
11:45:15	12.7133	5.1137	0.2416

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:45:25	12.6883	5.1328	0.2416
11:45:35	12.6865	5.134	0.2451
11:45:45	12.7038	5.1245	0.2368
11:45:55	12.7246	5.1096	0.2517
11:46:05	12.7365	5.1054	0.2529
11:46:15	12.7437	5.1054	0.2529
11:46:25	12.7115	5.1197	0.2416
11:46:35	12.7306	5.1066	0.2368
11:46:45	12.7627	5.0899	0.2451
11:46:55	12.7496	5.0935	0.2451
11:47:05	12.6961	5.1364	0.2529
11:47:15	12.7306	5.1096	0.2517
11:47:25	12.8204	5.0501	0.2493
11:47:35	12.9192	4.9834	0.2451
11:47:45	12.9692	4.9632	0.2338
11:47:55	12.8966	5.0352	0.2368
11:48:05	12.9805	5.0251	0.2368
11:48:15	12.824	5.1846	0.2416
11:48:25	12.683	5.3072	0.2475
11:48:35	12.5532	5.3982	0.2451
11:48:45	12.3622	5.5148	0.2368
11:48:55	12.1771	5.6606	0.2451
11:49:05	12.0629	5.7499	0.2451
11:49:15	12.0152	5.7987	0.2368
11:49:25	11.9617	5.8368	0.2368
11:49:35	11.9444	5.8344	0.2368
11:49:45	11.9063	5.8743	0.2368
11:49:55	11.9331	5.8737	0.2368
11:50:05	11.9141	5.8814	0.2368
11:50:15	11.9944	5.8178	0.2451
11:50:25	12.0343	5.7975	0.2368
11:50:35	12.1337	5.7154	0.2368
11:50:45	12.3449	5.5636	0.2451
11:50:55	12.5187	5.4678	0.2529
11:51:05	12.5818	5.4434	0.2451
11:51:15	12.6371	5.4053	0.2451
11:51:25	12.6562	5.3934	0.2451
11:51:35	12.6502	5.3911	0.2451
11:51:45	12.6389	5.3988	0.2451
11:51:55	12.6294	5.4113	0.2392
11:52:05	12.6276	5.4196	0.2451
11:52:15	12.6312	5.4125	0.2451
11:52:25	12.6086	5.4297	0.2368
11:52:35	12.5854	5.4434	0.2428

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:52:45	12.5836	5.4446	0.2368
11:52:55	12.6068	5.4339	0.2368
11:53:05	12.6371	5.422	0.2368
11:53:15	12.6407	5.4089	0.2368
11:53:25	12.6597	5.3982	0.2368
11:53:35	12.7419	5.3524	0.2207
11:53:45	12.7341	5.3655	0.2291
11:53:55	12.7324	5.3631	0.2291
11:54:05	12.7859	5.3214	0.2291
11:54:15	12.7764	5.3286	0.2255
11:54:25	12.7782	5.3333	0.213
11:54:35	12.7306	5.3577	0.2267
11:54:45	12.7532	5.3464	0.2291
11:54:55	12.7437	5.353	0.2291
11:55:05	12.6978	5.372	0.2154
11:55:15	12.7496	5.3369	0.213
11:55:25	12.7437	5.3458	0.2267
11:55:35	12.7341	5.3512	0.2207
11:55:45	12.702	5.372	0.2231
11:55:55	12.7514	5.3441	0.2255
11:56:05	12.7478	5.3512	0.2255
11:56:15	12.7133	5.3702	0.2047
11:56:25	12.6847	5.3827	0.2231
11:56:35	12.652	5.4042	0.2368
11:56:45	12.6389	5.4119	0.2368
11:56:55	12.6752	5.3923	0.2404
11:57:05	12.6734	5.3946	0.2368
11:57:15	12.6907	5.3893	0.2368
11:57:25	12.6865	5.3911	0.2368
11:57:35	12.7133	5.3685	0.2291
11:57:45	12.6978	5.3744	0.2291
11:57:55	12.6865	5.3827	0.2291
11:58:05	12.7288	5.3554	0.2368
11:58:15	12.7056	5.3702	0.2338
11:58:25	12.6788	5.3863	0.2291
11:58:35	12.6717	5.3905	0.2267
11:58:45	12.6943	5.3714	0.213
11:58:55	12.7669	5.3256	0.2029
11:59:05	12.7002	5.3714	0.213
11:59:15	12.683	5.3809	0.2267
11:59:25	12.6675	5.3905	0.2368
11:59:35	12.658	5.3952	0.2439
11:59:45	12.6425	5.4018	0.2517
11:59:55	12.6639	5.3869	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:00:05	12.683	5.369	0.2368
12:00:15	12.6717	5.3815	0.2368
12:00:25	12.6961	5.3595	0.2368
12:00:35	12.721	5.3488	0.2368
12:00:45	12.683	5.3714	0.2291
12:00:55	12.652	5.3952	0.2267
12:01:05	12.7133	5.3577	0.2368
12:01:15	12.6425	5.4042	0.2291
12:01:25	12.5705	5.4446	0.2291
12:01:35	12.5568	5.447	0.2291
12:01:45	12.5949	5.4244	0.2255
12:01:55	12.6407	5.3964	0.2207
12:02:05	12.6657	5.3786	0.2291
12:02:15	12.6847	5.3625	0.2368
12:02:25	12.7193	5.3423	0.2291
12:02:35	12.6693	5.3685	0.2291
12:02:45	12.7056	5.3363	0.2291
12:02:55	12.6961	5.3476	0.2291
12:03:05	12.702	5.3423	0.2291
12:03:15	12.7609	5.3107	0.2207
12:03:25	12.7972	5.2958	0.2315
12:03:35	12.8829	5.2411	0.2368
12:03:45	12.8621	5.2649	0.2291
12:03:55	12.7056	5.3607	0.2315
12:04:05	12.6449	5.3946	0.2428
12:04:15	12.5627	5.4464	0.2338
12:04:25	12.5514	5.4476	0.2207
12:04:35	12.5419	5.4422	0.2207
12:04:45	12.5151	5.4494	0.2291
12:04:55	12.4842	5.4577	0.2207
12:05:05	12.4253	5.4982	0.2142
12:05:15	12.3836	5.5059	0.2207
12:05:25	12.4027	5.5137	0.2207
12:05:35	12.3604	5.5422	0.213
12:05:45	12.2878	5.6047	0.2368
12:05:55	12.3205	5.5714	0.2303
12:06:05	12.3545	5.5607	0.2207
12:06:15	12.4193	5.5166	0.2291
12:06:25	12.4598	5.4893	0.2315
12:06:35	12.5395	5.4369	0.213
12:06:45	12.5264	5.4416	0.2267
12:06:55	12.4866	5.4678	0.2291
12:07:05	12.3473	5.5613	0.2291
12:07:15	12.2152	5.6714	0.2344

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:07:25	12.139	5.7196	0.2231
12:07:35	12.1581	5.7029	0.213
12:07:45	12.164	5.6958	0.2207
12:07:55	12.1468	5.7202	0.2207
12:08:05	12.1122	5.7463	0.2106
12:08:15	12.0057	5.8362	0.2207
12:08:25	11.9295	5.882	0.2291
12:08:35	11.8492	5.9392	0.2231
12:08:45	11.8456	5.9338	0.2207
12:08:55	11.8605	5.9225	0.2291
12:09:05	11.9218	5.8773	0.2368
12:09:15	11.9825	5.8285	0.2291
12:09:25	11.9676	5.8451	0.2368
12:09:35	11.9391	5.8636	0.2368
12:09:45	11.9676	5.8422	0.2368
12:09:55	11.9849	5.8314	0.2392
12:10:05	12.0117	5.8059	0.2678
12:10:15	12.189	5.6606	0.2493
12:10:25	12.389	5.5262	0.2451
12:10:35	12.3068	5.622	0.2368
12:10:45	12.2039	5.7041	0.2428
12:10:55	12.1718	5.7154	0.2529
12:11:05	12.1563	5.7249	0.2451
12:11:15	12.0724	5.7821	0.2451
12:11:25	12.0438	5.8059	0.2368
12:11:35	12.0569	5.7797	0.2368
12:11:45	12.1944	5.6856	0.2368
12:11:55	12.1908	5.6964	0.2368
12:12:05	17.0755	2.9904	1.7365
12:12:15	1.3889	0.2803	0.2303
12:12:25	0.2826	0.1934	0.0285
12:12:35	0.1892	0.1428	-0.0054
12:12:45	0.1452	0.1166	-0.0191
12:12:55	0.1106	0.0999	-0.0262
12:13:05	0.0857	0.0892	-0.0286
12:13:15	0.0708	0.0797	-0.0411
12:13:25	0.0648	0.0732	-0.0423
<b>Zero Bias</b>	<b>0.073767</b>	<b>0.0807</b>	<b>-0.03733</b>
12:13:35	0.0553	0.069	-0.0423
12:13:45	3.8896	1.1283	0.3939
12:13:55	5.9017	0.9027	5.4178
12:14:05	20.0112	0.1327	14.2362
12:14:15	20.3314	0.091	14.7819



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:14:25	20.4191	0.0749	14.8587
12:14:35	20.4573	0.069	14.8992
12:14:45	20.4996	0.0607	14.9265
12:14:55	20.5182	0.0565	14.9355
12:15:05	20.5298	0.0553	14.9426
12:15:15	20.5585	0.0529	14.9515
<b>THC Mid Bias</b>	<b>20.5355</b>	<b>0.0549</b>	<b>14.9432</b>
12:15:25	20.5721	0.0505	14.9587
12:15:35	19.2136	0.8968	7.9667
12:15:45	13.1882	5.0715	0.7599
12:15:55	12.9424	5.1959	0.4909
12:16:05	12.8966	5.2476	0.4201
12:16:15	12.7936	5.3268	0.3695
12:16:25	12.677	5.4	0.338
12:16:35	12.7074	5.3875	0.3088
12:16:45	12.8395	5.3083	0.285
12:16:55	12.9763	5.2167	0.2749
12:17:05	13.0585	5.1691	0.2666
12:17:15	13.0912	5.1381	0.26
12:17:25	13.1995	5.0739	0.2654
12:17:35	13.2358	5.0554	0.2564
12:17:45	13.2685	5.031	0.2368
12:17:55	13.2495	5.0429	0.2291
12:18:05	13.2572	5.0334	0.2291
12:18:15	13.3084	5.0031	0.2291
12:18:25	13.3102	5.0036	0.2428
12:18:35	13.2227	5.0655	0.2231
12:18:45	13.2186	5.062	0.2344
12:18:55	13.3126	4.9923	0.2291
12:19:05	13.3923	4.9251	0.2291
12:19:15	13.2703	5.009	0.2291
12:19:25	13.0585	5.153	0.2291
12:19:35	12.8811	5.272	0.2207
12:19:45	12.7913	5.325	0.2207
12:19:55	12.6693	5.3893	0.2291
12:20:05	12.5973	5.422	0.213
12:20:15	12.58	5.4315	0.213
12:20:25	12.561	5.4434	0.213
12:20:35	12.5514	5.4524	0.2154
12:20:45	12.5395	5.4577	0.213
12:20:55	12.5151	5.4714	0.2207
12:21:05	12.5134	5.4738	0.213
12:21:15	12.5514	5.4541	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:21:25	12.5913	5.444	0.2047
12:21:35	12.5324	5.4934	0.213
12:21:45	12.5776	5.4595	0.213
12:21:55	12.6371	5.4226	0.2207
12:22:05	12.8657	5.2893	0.2207
12:22:15	13.068	5.1828	0.2166
12:22:25	13.1674	5.1328	0.2207
12:22:35	13.1864	5.1274	0.2207
12:22:45	13.2912	5.0584	0.213
12:22:55	13.3697	5.0114	0.2047
12:23:05	13.3084	5.0513	0.2005
12:23:15	13.2227	5.0971	0.1898
12:23:25	13.0989	5.1649	0.2118
12:23:35	13.0204	5.2042	0.213
12:23:45	12.9787	5.2215	0.2142
12:23:55	12.9537	5.2322	0.213
12:24:05	12.8657	5.2828	0.2207
12:24:15	12.8544	5.2881	0.2154
12:24:25	12.8335	5.2958	0.2059
12:24:35	12.8163	5.3042	0.2059
12:24:45	12.7532	5.3417	0.219
12:24:55	12.78	5.328	0.2207
12:25:05	12.677	5.3946	0.2207
12:25:15	12.6389	5.4178	0.2178
12:25:25	12.5895	5.447	0.2243
12:25:35	12.4711	5.5148	0.2207
12:25:45	12.414	5.5381	0.2291
12:25:55	12.3985	5.5452	0.2291
12:26:05	12.4158	5.5303	0.2368
12:26:15	12.4217	5.5273	0.2291
12:26:25	12.4485	5.5065	0.2368
12:26:35	12.3872	5.5541	0.2291
12:26:45	12.4044	5.5297	0.2047
12:26:55	12.3664	5.5678	0.2207
12:27:05	12.3259	5.5952	0.213
12:27:15	12.3092	5.6083	0.2315
12:27:25	12.242	5.6493	0.2291
12:27:35	12.1372	5.7237	0.2207
12:27:45	12.0878	5.7588	0.2207
12:27:55	12.0039	5.8338	0.213
12:28:05	11.9409	5.8802	0.2207
12:28:15	11.8665	5.9427	0.213
12:28:25	11.8052	5.9767	0.213
12:28:35	11.8052	5.9826	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:28:45	11.9081	5.8981	0.2047
12:28:55	12.0837	5.7713	0.2047
12:29:05	12.2152	5.672	0.2071
12:29:15	12.2938	5.6166	0.213
12:29:25	12.3146	5.5946	0.213
12:29:35	12.3164	5.5934	0.2047
12:29:45	12.2116	5.6934	0.2106
12:29:55	12.242	5.6642	0.2047
12:30:05	12.2384	5.6696	0.213
12:30:15	12.1009	5.7636	0.213
12:30:25	11.9944	5.8362	0.213
12:30:35	11.9391	5.8683	0.2142
12:30:45	11.8891	5.913	0.219
12:30:55	11.901	5.9005	0.2207
12:31:05	11.8873	5.9094	0.219
12:31:15	11.8605	5.9314	0.213
12:31:25	11.7921	5.9909	0.213
12:31:35	11.7272	6.0314	0.219
12:31:45	11.7593	6.0183	0.213
12:31:55	11.8206	5.9743	0.213
12:32:05	11.8855	5.9314	0.2142
12:32:15	11.901	5.9219	0.2142
12:32:25	11.8837	5.929	0.2196
12:32:35	11.832	5.963	0.2219
12:32:45	11.8284	5.9796	0.2207
12:32:55	11.8129	5.988	0.2047
12:33:05	11.9254	5.8981	0.2106
12:33:15	12.0974	5.7767	0.2071
12:33:25	12.1468	5.7475	0.2059
12:33:35	12.0819	5.8029	0.2059
12:33:45	12.0593	5.8184	0.2047
12:33:55	12.1468	5.7547	0.219
12:34:05	12.2348	5.6773	0.213
12:34:15	12.2461	5.694	0.213
12:34:25	12.1985	5.7338	0.213
12:34:35	12.1795	5.763	0.213
12:34:45	12.1962	5.741	0.213
12:34:55	12.1432	5.7934	0.213
<b>Start Run 2B</b>			
12:35:05	12.164	5.7832	0.2207
12:35:15	12.1605	5.794	0.2207
12:35:25	12.1432	5.7981	0.219
12:35:35	12.2081	5.7636	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:35:45	12.2747	5.7047	0.1993
12:35:55	12.3812	5.6291	0.2047
12:36:05	12.511	5.5381	0.2047
12:36:15	12.5877	5.4976	0.213
12:36:25	12.5455	5.5244	0.2059
12:36:35	12.5324	5.5285	0.213
12:36:45	12.5282	5.5262	0.213
12:36:55	12.555	5.5166	0.213
12:37:05	12.6675	5.4571	0.213
12:37:15	12.7478	5.4137	0.213
12:37:25	12.805	5.3893	0.2071
12:37:35	12.7859	5.4059	0.1969
12:37:45	12.7782	5.4143	0.2059
12:37:55	12.8258	5.3839	0.2142
12:38:05	12.8526	5.3732	0.2142
12:38:15	12.9234	5.3286	0.2029
12:38:25	12.927	5.3327	0.1981
12:38:35	13.0126	5.2792	0.2059
12:38:45	13.1293	5.2113	0.1981
12:38:55	13.2132	5.1649	0.2041
12:39:05	13.3656	5.0626	0.1981
12:39:15	13.4459	5.0185	0.1993
12:39:25	13.4762	4.9959	0.2219
12:39:35	13.4614	5.0054	0.2207
12:39:45	13.3941	5.0459	0.2291
12:39:55	13.3334	5.0786	0.2071
12:40:05	13.2549	5.1245	0.2196
12:40:15	13.1501	5.1828	0.2207
12:40:25	13.0948	5.2137	0.2219
12:40:35	13.1251	5.1971	0.2207
12:40:45	13.0757	5.2203	0.2207
12:40:55	12.9936	5.2738	0.2154
12:41:05	12.9805	5.2744	0.213
12:41:15	12.965	5.2786	0.2142
12:41:25	13.0186	5.234	0.213
12:41:35	13.0031	5.2363	0.213
12:41:45	13.0507	5.2012	0.213
12:41:55	13.0507	5.1846	0.2207
12:42:05	13.0031	5.2191	0.213
12:42:15	12.8413	5.3089	0.2059
12:42:25	12.6562	5.4125	0.2142
12:42:35	12.6104	5.419	0.2059
12:42:45	12.6484	5.3934	0.1946
12:42:55	12.477	5.5089	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:43:05	12.3908	5.5714	0.2047
12:43:15	12.2729	5.6589	0.2005
12:43:25	12.2229	5.7005	0.2059
12:43:35	12.1105	5.7761	0.2059
12:43:45	11.9998	5.8558	0.2047
12:43:55	11.876	5.957	0.2059
12:44:05	11.798	6.01	0.2047
12:44:15	11.7617	6.0451	0.2059
12:44:25	11.7939	6.0225	0.1981
12:44:35	11.7236	6.0665	0.2059
12:44:45	11.6623	6.0987	0.213
12:44:55	11.5897	6.1492	0.2059
12:45:05	11.4106	6.2808	0.2059
12:45:15	11.3457	6.3194	0.2041
12:45:25	11.3207	6.3397	0.191
12:45:35	11.2963	6.3581	0.1844
12:45:45	11.2922	6.3551	0.1892
12:45:55	11.3112	6.3438	0.1981
12:46:05	11.3059	6.3444	0.191
12:46:15	11.3094	6.3557	0.2059
12:46:25	11.2868	6.3789	0.2142
12:46:35	11.3267	6.3421	0.2059
12:46:45	11.3612	6.3182	0.2005
12:46:55	11.4106	6.2831	0.2142
12:47:05	11.4183	6.2754	0.2059
12:47:15	11.4963	6.2129	0.2059
12:47:25	11.4963	6.2224	0.2059
12:47:35	11.6147	6.1284	0.2059
12:47:45	11.491	6.2373	0.2047
12:47:55	11.4868	6.1986	0.191
12:48:05	11.8242	5.9463	0.1981
12:48:15	12.1753	5.6922	0.1981
12:48:25	12.3717	5.5666	0.1934
12:48:35	12.4806	5.491	0.2017
12:48:45	12.5758	5.4393	0.2059
12:48:55	12.6312	5.4107	0.1981
12:49:05	12.6353	5.4036	0.1981
12:49:15	12.6717	5.3815	0.2059
12:49:25	12.6121	5.4119	0.2142
12:49:35	12.536	5.4524	0.2059
12:49:45	12.4503	5.5	0.2059
12:49:55	12.3646	5.5559	0.2059
12:50:05	12.3051	5.6041	0.2059
12:50:15	12.2973	5.6113	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:50:25	12.3051	5.6035	0.1981
12:50:35	12.3015	5.6113	0.2059
12:50:45	12.2057	5.691	0.213
12:50:55	12.1676	5.7154	0.2142
12:51:05	12.1605	5.7231	0.2142
12:51:15	12.1241	5.7571	0.2166
12:51:25	12.0569	5.81	0.2059
12:51:35	12.0057	5.8422	0.191
12:51:45	11.9825	5.8612	0.1957
12:51:55	12.0533	5.8195	0.2059
12:52:05	12.0956	5.8017	0.2059
12:52:15	12.1509	5.769	0.1981
12:52:25	12.1658	5.766	0.2219
12:52:35	12.1509	5.7815	0.2106
12:52:45	12.2134	5.7315	0.2082
12:52:55	12.2289	5.7309	0.2082
12:53:05	12.2152	5.7452	0.2059
12:53:15	12.1962	5.7636	0.2047
12:53:25	12.2497	5.7184	0.2071
12:53:35	12.477	5.5381	0.2142
12:53:45	12.5776	5.4815	0.213
12:53:55	12.6407	5.4387	0.2082
12:54:05	12.6597	5.4262	0.2047
12:54:15	12.6639	5.4161	0.1898
12:54:25	12.6407	5.4339	0.1821
12:54:35	12.5877	5.4702	0.1898
12:54:45	12.6717	5.4226	0.1898
12:54:55	12.8014	5.3393	0.1821
12:55:05	12.9156	5.272	0.1969
12:55:15	13.0109	5.2125	0.1946
12:55:25	13.0722	5.1679	0.1969
12:55:35	13.3007	5.0066	0.1969
12:55:45	13.2989	5.0203	0.1969
12:55:55	13.4268	4.9174	0.1981
12:56:05	13.3941	4.9566	0.1981
12:56:15	13.3656	4.9626	0.2047
12:56:25	13.3144	4.9888	0.2047
12:56:35	13.3126	4.9941	0.2047
12:56:45	13.19	5.0691	0.213
12:56:55	13.1102	5.1066	0.213
12:57:05	12.9805	5.2036	0.213
12:57:15	12.824	5.3089	0.2047
12:57:25	12.7228	5.3655	0.2047
12:57:35	12.6562	5.4119	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:57:45	12.4253	5.5666	0.1981
12:57:55	12.3473	5.6178	0.1898
12:58:05	12.292	5.6446	0.2047
12:58:15	12.2592	5.6743	0.213
12:58:25	12.286	5.6529	0.2047
12:58:35	12.2557	5.6839	0.2047
12:58:45	12.2384	5.7071	0.2196
12:58:55	12.2057	5.7333	0.2267
12:59:05	12.0611	5.8422	0.219
12:59:15	12.0307	5.8535	0.213
12:59:25	12.1164	5.7922	0.2207
12:59:35	12.1337	5.794	0.213
12:59:45	12.0783	5.8582	0.219
12:59:55	11.8915	6.0005	0.2154
13:00:05	11.8171	6.0368	0.2041
13:00:15	11.773	6.0546	0.213
13:00:25	11.798	6.0284	0.1993
13:00:35	11.7939	6.0344	0.1898
13:00:45	11.8129	6.0147	0.1981
13:00:55	11.8647	5.9665	0.2047
13:01:05	11.8337	5.9802	0.2047
13:01:15	11.7558	6.0284	0.2047
13:01:25	11.7236	6.0546	0.2047
13:01:35	11.7635	6.0225	0.2047
13:01:45	11.8397	5.9707	0.2047
13:01:55	11.9236	5.9064	0.213
13:02:05	12.0248	5.8285	0.1981
13:02:15	12.0724	5.8005	0.2047
13:02:25	12.1485	5.7386	0.2047
13:02:35	12.1831	5.7327	0.213
13:02:45	12.1718	5.7398	0.2059
13:02:55	12.2116	5.6964	0.213
13:03:05	12.2348	5.6981	0.2059
13:03:15	12.2325	5.7005	0.2059
13:03:25	12.3188	5.641	0.2047
13:03:35	12.4598	5.5315	0.1981
13:03:45	12.5437	5.4899	0.1981
13:03:55	12.6371	5.4309	0.2005
13:04:05	12.7133	5.3863	0.2059
13:04:15	12.7151	5.3851	0.213
13:04:25	12.6597	5.4297	0.2059
13:04:35	12.6294	5.4381	0.2059
13:04:45	12.6008	5.4595	0.2059
13:04:55	12.4806	5.5232	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:05:05	12.4253	5.5601	0.2118
13:05:15	12.3777	5.6011	0.2059
13:05:25	12.3491	5.6202	0.2082
13:05:35	12.3527	5.6148	0.2047
13:05:45	12.4044	5.5714	0.2059
13:05:55	12.458	5.5279	0.2059
13:06:05	12.5836	5.4553	0.2059
13:06:15	12.5056	5.5041	0.2059
13:06:25	12.3545	5.5994	0.2059
13:06:35	12.261	5.669	0.2059
13:06:45	12.2497	5.6749	0.2059
13:06:55	12.311	5.6309	0.2047
13:07:05	12.3259	5.6243	0.2059
13:07:15	12.3283	5.6303	0.2059
13:07:25	12.3378	5.6285	0.2047
13:07:35	12.408	5.5738	0.1969
13:07:45	12.4806	5.5262	0.2059
13:07:55	12.4866	5.5262	0.2082
13:08:05	12.555	5.4791	0.2047
13:08:15	12.5229	5.5083	0.1898
13:08:25	12.3985	5.6005	0.2047
13:08:35	12.3949	5.5994	0.2047
13:08:45	12.5437	5.4934	0.213
13:08:55	12.5913	5.4744	0.213
13:09:05	12.6044	5.4684	0.2106
13:09:15	12.6371	5.4464	0.2059
13:09:25	12.6104	5.472	0.2196
13:09:35	12.6639	5.4333	0.2243
13:09:45	12.5134	5.5464	0.2392
13:09:55	12.5092	5.55	0.2368
13:10:05	12.599	5.4839	0.2291
13:10:15	12.818	5.3476	0.2207
13:10:25	12.9728	5.2584	0.2071
13:10:35	13.0013	5.2322	0.2059
13:10:45	13.2495	5.0649	0.2047
13:10:55	13.4346	4.9566	0.213
13:11:05	13.5506	4.8644	0.2142
13:11:15	13.6101	4.8215	0.2047
13:11:25	13.6024	4.8192	0.2047
13:11:35	13.5738	4.8239	0.2047
13:11:45	13.5256	4.8525	0.2047
13:11:55	13.4572	4.8971	0.2047
13:12:05	13.3483	4.9763	0.2047
13:12:15	13.3602	4.9554	0.2047



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:12:25	13.4173	4.9174	0.1969
13:12:35	13.2245	5.0465	0.2059
13:12:45	13.049	5.1489	0.2047
13:12:55	13.0168	5.1619	0.213
13:13:05	12.9823	5.1786	0.2106
13:13:15	12.8603	5.2476	0.213
13:13:25	12.7746	5.2953	0.2059
13:13:35	12.7383	5.3161	0.2047
13:13:45	12.7437	5.3072	0.1969
13:13:55	12.6675	5.3571	0.1898
13:14:05	12.5074	5.4607	0.1969
13:14:15	12.4217	5.5101	0.1969
13:14:25	12.3473	5.5648	0.2047
13:14:35	12.3068	5.5869	0.1969
13:14:45	12.267	5.6303	0.1981
13:14:55	12.2325	5.6624	0.2059
13:15:05	12.2444	5.647	0.1946
13:15:15	12.2229	5.6678	0.1773
13:15:25	12.2592	5.6333	0.1981
13:15:35	12.2176	5.6505	0.1898
13:15:45	12.1676	5.6791	0.1898
13:15:55	12.1771	5.6743	0.1898
13:16:05	12.139	5.6993	0.1898
13:16:15	12.0569	5.7517	0.1922
13:16:25	12.0325	5.7535	0.1946
13:16:35	12.0611	5.7315	0.1898
13:16:45	11.998	5.7767	0.1821
13:16:55	11.9789	5.7898	0.1821
13:17:05	12.0135	5.7606	0.1821
13:17:15	12.1122	5.6803	0.2005
13:17:25	11.992	5.7826	0.1981
13:17:35	11.8724	5.8791	0.2059
13:17:45	11.8266	5.9035	0.2059
13:17:55	11.8647	5.8719	0.2059
13:18:05	11.8569	5.8802	0.2059
13:18:15	11.8873	5.8558	0.2106
13:18:25	11.8796	5.866	0.2029
13:18:35	11.8605	5.8767	0.2047
13:18:45	11.8224	5.9017	0.1969
13:18:55	11.8052	5.9148	0.2047
13:19:05	11.8076	5.9058	0.1969
13:19:15	11.8224	5.8981	0.2041
13:19:25	11.832	5.8874	0.2047
13:19:35	11.8855	5.8392	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:19:45	11.895	5.8362	0.2047
13:19:55	11.8837	5.8398	0.2047
13:20:05	11.8855	5.8493	0.2154
13:20:15	11.9105	5.8332	0.2142
13:20:25	11.9349	5.8088	0.2047
13:20:35	11.9236	5.8184	0.213
13:20:45	11.9581	5.788	0.2071
13:20:55	11.9998	5.7463	0.2047
13:21:05	12.0438	5.7315	0.213
13:21:15	12.023	5.7535	0.2142
13:21:25	12.0646	5.7202	0.2118
13:21:35	12.0819	5.7083	0.2047
13:21:45	12.0611	5.7398	0.2047
13:21:55	12.0283	5.7713	0.2047
13:22:05	12.0039	5.7904	0.2047
13:22:15	11.9902	5.8065	0.2047
13:22:25	11.9694	5.8279	0.2059
13:22:35	12.0039	5.81	0.2082
13:22:45	12.0956	5.7523	0.1993
13:22:55	12.0956	5.7499	0.2041
13:23:05	12.017	5.8166	0.1969
13:23:15	11.9331	5.891	0.2059
13:23:25	11.9105	5.9165	0.2029
13:23:35	12.0188	5.8422	0.213
13:23:45	12.0438	5.8201	0.2106
13:23:55	12.0706	5.8017	0.2142
13:24:05	12.1087	5.7642	0.2207
13:24:15	12.1313	5.7582	0.2207
13:24:25	12.1372	5.763	0.213
13:24:35	12.0646	5.8309	0.213
13:24:45	12.023	5.8553	0.2207
13:24:55	12.0438	5.8422	0.2207
13:25:05	12.0819	5.8249	0.2219
13:25:15	12.0688	5.8303	0.2207
13:25:25	12.0361	5.8666	0.2291
13:25:35	12.023	5.8874	0.2291
13:25:45	12.2057	5.7273	0.2207
13:25:55	12.1908	5.7529	0.2118
13:26:05	12.1277	5.7957	0.2142
13:26:15	12.0456	5.8612	0.2047
13:26:25	12.0075	5.8927	0.2047
13:26:35	12.0593	5.8451	0.2059
13:26:45	12.0379	5.8683	0.2059
13:26:55	11.9295	5.9552	0.2071

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:27:05	11.9676	5.9219	0.213
13:27:15	12.0022	5.9249	0.2059
13:27:25	11.8284	6.0748	0.2118
13:27:35	11.6623	6.1939	0.213
13:27:45	11.5915	6.2308	0.213
13:27:55	11.6493	6.1826	0.213
13:28:05	11.6737	6.1665	0.2207
13:28:15	11.6606	6.1748	0.2219
13:28:25	11.6641	6.1695	0.213
13:28:35	11.7117	6.1278	0.213
13:28:45	11.7159	6.1022	0.2142
13:28:55	11.7177	6.1022	0.2142
13:29:05	11.6986	6.1225	0.213
13:29:15	11.6814	6.1415	0.2059
13:29:25	11.6719	6.1576	0.2059
13:29:35	11.6451	6.1849	0.2059
13:29:45	11.6546	6.179	0.2059
13:29:55	11.6737	6.1629	0.188
13:30:05	11.6683	6.1701	0.1957
13:30:15	11.6986	6.1474	0.1898
13:30:25	11.71	6.1361	0.1969
13:30:35	11.7195	6.1302	0.1969
13:30:45	11.773	6.0933	0.2059
13:30:55	11.8569	6.0314	0.1993
13:31:05	11.9409	5.9743	0.1981
13:31:15	11.9081	6.007	0.1993
13:31:25	11.9694	5.9588	0.1898
13:31:35	12.0325	5.9094	0.1969
13:31:45	12.145	5.8285	0.1957
13:31:55	12.2402	5.7523	0.1981
13:32:05	12.2955	5.7035	0.1969
13:32:15	12.3223	5.6934	0.2059
13:32:25	12.3449	5.6874	0.2047
13:32:35	12.3568	5.6821	0.2059
13:32:45	12.4122	5.647	0.1981
13:32:55	12.4693	5.6011	0.1981
13:33:05	12.5532	5.5363	0.2059
13:33:15	12.6104	5.4922	0.1969
13:33:25	12.6484	5.4702	0.2041
13:33:35	12.7056	5.4369	0.2059
13:33:45	12.7365	5.4196	0.2082
13:33:55	12.799	5.3798	0.213
13:34:05	12.7651	5.4018	0.2047
13:34:15	12.7324	5.4167	0.2243

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:34:25	12.7115	5.422	0.2315
13:34:35	12.721	5.4149	0.2207
13:34:45	12.7151	5.4262	0.2291
13:34:55	12.6467	5.4714	0.2291
13:35:05	12.5532	5.5387	0.2338
13:35:15	12.5395	5.5494	0.2315
13:35:25	12.5282	5.5654	0.2368
13:35:35	12.5378	5.5738	0.2291
13:35:45	12.5491	5.5452	0.2231
13:35:55	12.5247	5.5773	0.2344
13:36:05	12.4521	5.6291	0.2207
13:36:15	12.3681	5.7035	0.2219

**Start Bias Calibration**

13:36:25	12.2705	5.7696	0.2207
13:36:35	12.3015	5.7832	2.8339
13:36:45	5.6083	0.3778	2.9678
13:36:55	0.338	0.2071	0.0404
13:37:05	0.2118	0.1547	-0.0185
13:37:15	0.1547	0.122	-0.0298
13:37:25	0.1124	0.1017	-0.0423
13:37:35	0.0993	0.0952	-0.034
13:37:45	0.0761	0.0797	-0.0375
13:37:55	0.069	0.0732	-0.034
13:38:05	0.0595	0.069	-0.034

**Zero Bias****0.0682 0.073967 -0.03517**

13:38:15	0.0553	0.0648	0.047
13:38:25	7.706	4.0782	2.4929
13:38:35	19.4653	0.1547	13.6226
13:38:45	20.2383	0.094	14.7248
13:38:55	20.3355	0.0726	14.8075
13:39:05	20.3984	0.0636	14.8462
13:39:15	20.4326	0.0589	14.8587
13:39:25	20.4634	0.0559	14.8712
13:39:35	20.4785	0.0529	14.8872
13:39:45	20.4805	0.0505	14.9033
13:39:55	20.5072	0.0476	14.8968

**THC Bias****20.48873 0.050333 14.89577**

13:40:05	20.5167	0.0458	14.5695
13:40:15	15.0253	4.1967	3.5676
13:40:25	12.7115	5.353	0.5951
13:40:35	12.5663	5.4595	0.4784

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
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**Resume Run 2B**

13:40:45	12.5205	5.4857	0.4201
13:40:55	12.4616	5.5262	0.3826
13:41:05	12.3985	5.5904	0.332
13:41:15	12.3318	5.6487	0.307
13:41:25	12.3259	5.6654	0.2987
13:41:35	12.1432	5.8231	0.2886
13:41:45	11.9885	5.9481	0.2826
13:41:55	11.9581	5.9606	0.2678
13:42:05	11.8647	6.0278	0.26
13:42:15	11.9581	5.9475	0.2517
13:42:25	12.1926	5.7612	0.2529
13:42:35	12.4443	5.5767	0.2517
13:42:45	12.5342	5.5089	0.2439
13:42:55	12.6217	5.4422	0.2368
13:43:05	12.6734	5.4095	0.2356
13:43:15	12.6812	5.4071	0.2356
13:43:25	12.6104	5.4631	0.2291
13:43:35	12.6139	5.4518	0.2291
13:43:45	12.6104	5.4571	0.2207
13:43:55	12.4729	5.55	0.2106
13:44:05	12.3949	5.6166	0.213
13:44:15	12.3396	5.6714	0.2047
13:44:25	12.3259	5.6987	0.2231
13:44:35	12.3146	5.7231	0.2207
13:44:45	12.2801	5.7487	0.2255
13:44:55	12.2539	5.7642	0.219
13:45:05	12.1605	5.8273	0.2207
13:45:15	12.1087	5.866	0.2207
13:45:25	12.0402	5.9112	0.2207
13:45:35	11.9807	5.9493	0.219
13:45:45	11.9599	5.957	0.2207
13:45:55	11.9426	5.9659	0.2291
13:46:05	11.8683	6.0171	0.2207
13:46:15	11.7939	6.0671	0.2291
13:46:25	11.7593	6.0856	0.2106
13:46:35	11.8111	6.0499	0.2082
13:46:45	11.8587	6.0141	0.213
13:46:55	11.9105	5.9778	0.213
13:47:05	11.9159	5.9903	0.213
13:47:15	11.8397	6.079	0.213
13:47:25	11.8171	6.1171	0.219
13:47:35	11.8034	6.1391	0.2154

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:47:45	11.7998	6.1314	0.2207
13:47:55	11.8093	6.1088	0.2207
13:48:05	11.8302	6.0951	0.2047
13:48:15	11.7808	6.1373	0.213
13:48:25	11.773	6.1367	0.2154
13:48:35	11.7427	6.1552	0.2154
13:48:45	11.6796	6.1957	0.2005
13:48:55	11.7861	6.1076	0.2047
13:49:05	11.8796	6.0415	0.2071
13:49:15	12.0932	5.8743	0.2267
13:49:25	12.3068	5.7029	0.2368
13:49:35	12.4788	5.5625	0.2451
13:49:45	12.5229	5.5434	0.2451
13:49:55	12.4901	5.572	0.2529
13:50:05	12.2842	5.7452	0.2529
13:50:15	12.3259	5.7005	0.2451
13:50:25	12.2955	5.7333	0.2451
13:50:35	12.1563	5.8558	0.2439
13:50:45	12.0057	5.9802	0.2368
13:50:55	11.9409	6.029	0.238
13:51:05	11.8683	6.0826	0.2368
13:51:15	11.7903	6.1332	0.2451
13:51:25	11.7332	6.1695	0.2451
13:51:35	11.7367	6.1605	0.2451
13:51:45	11.6832	6.2016	0.2451
13:51:55	11.5844	6.2736	0.2368
13:52:05	11.5231	6.329	0.2368
13:52:15	11.4886	6.3557	0.2255
13:52:25	11.466	6.3789	0.2166
13:52:35	11.4029	6.4289	0.2291
13:52:45	11.382	6.4373	0.2315
13:52:55	11.3571	6.448	0.2207
13:53:05	11.4029	6.4117	0.2267
13:53:15	11.491	6.3504	0.2207
13:53:25	11.5576	6.3016	0.213
13:53:35	11.6356	6.2373	0.2267
13:53:45	11.6945	6.1826	0.2231
13:53:55	11.7617	6.1302	0.2267
13:54:05	11.8415	6.0659	0.2291
13:54:15	11.8189	6.0951	0.2368
13:54:25	11.8379	6.0778	0.2368
13:54:35	11.8569	6.0582	0.2475
13:54:45	11.9218	6.013	0.2451
13:54:55	11.9105	6.0225	0.2517

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:55:05	12.0361	5.9124	0.2517
13:55:15	11.9295	6.0088	0.2439
13:55:25	11.9581	5.9612	0.2416
13:55:35	11.9331	5.9933	0.2451
13:55:45	12.1408	5.8291	0.2368
13:55:55	12.2081	5.788	0.2338
13:56:05	12.242	5.766	0.2368
13:56:15	12.2938	5.7172	0.2368
13:56:25	12.1771	5.8225	0.2368
13:56:35	12.1241	5.8779	0.2451
13:56:45	12.0379	5.9427	0.2451
13:56:55	12.0533	5.9255	0.2451
13:57:05	12.0932	5.8981	0.2439
13:57:15	12.0706	5.9023	0.2368
13:57:25	12.0783	5.8886	0.2368
13:57:35	12.0075	5.9499	0.2291
13:57:45	11.9581	5.9707	0.2368
13:57:55	12.0212	5.9124	0.2392
13:58:05	12.0456	5.8904	0.2368
13:58:15	11.9754	5.9475	0.2416
13:58:25	11.851	6.0463	0.2392
13:58:35	11.8093	6.0802	0.2428
13:58:45	11.7712	6.1094	0.2451
13:58:55	11.71	6.1534	0.2368
13:59:05	11.7195	6.1421	0.2368
13:59:15	11.7082	6.148	0.2368
13:59:25	11.7332	6.1225	0.2368
13:59:35	11.7576	6.0981	0.2368
13:59:45	11.8093	6.0558	0.2207
13:59:55	11.8456	6.032	0.2267
14:00:05	11.8932	6.007	0.2291
14:00:15	11.9807	5.9558	0.2219
14:00:25	12.0135	5.9368	0.2344
14:00:35	12.023	5.9439	0.2207
14:00:45	12.0248	5.9451	0.2207
14:00:55	12.1164	5.8695	0.2207
14:01:05	12.1908	5.8285	0.2207
14:01:15	12.2081	5.8154	0.2207
14:01:25	12.1908	5.8261	0.2219
14:01:35	12.2081	5.8065	0.2207
14:01:45	12.1771	5.8386	0.2219
14:01:55	12.1432	5.8499	0.2219
14:02:05	12.2003	5.7975	0.2207
14:02:15	12.1962	5.807	0.219

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:02:25	12.1622	5.8326	0.2219
14:02:35	12.1509	5.841	0.213
14:02:45	12.2271	5.7803	0.213
14:02:55	12.2098	5.7951	0.2166
14:03:05	12.2271	5.7803	0.2207
14:03:15	12.3241	5.7071	0.2344
14:03:25	12.5491	5.55	0.2368
14:03:35	12.6812	5.4708	0.2451
14:03:45	12.6734	5.4827	0.2368
14:03:55	12.6181	5.5101	0.2451
14:04:05	12.5973	5.5172	0.2368
14:04:15	12.5931	5.5256	0.2368
14:04:25	12.5949	5.5262	0.2368
14:04:35	12.5913	5.5339	0.2368
14:04:45	12.6026	5.5166	0.2368
14:04:55	12.5818	5.5279	0.219
14:05:05	12.5895	5.5381	0.213
14:05:15	12.6312	5.5053	0.2047
14:05:25	12.6312	5.5143	0.213
14:05:35	12.5681	5.5577	0.2207
14:05:45	12.6139	5.525	0.2207
14:05:55	12.6502	5.5053	0.2207
14:06:05	12.5877	5.5488	0.2207
14:06:15	12.5437	5.5857	0.2291
14:06:25	12.5187	5.6041	0.2207
14:06:35	12.536	5.5994	0.2291
14:06:45	12.4997	5.6261	0.213
14:06:55	12.4348	5.6767	0.1969
14:07:05	12.4158	5.6904	0.2118
14:07:15	12.4366	5.6815	0.2267
14:07:25	12.4443	5.6815	0.2207
14:07:35	12.4158	5.7071	0.2207
14:07:45	12.4348	5.6922	0.2207
14:07:55	12.4366	5.6904	0.2166
14:08:05	12.4062	5.7094	0.213
14:08:15	12.3545	5.7529	0.213
14:08:25	12.3854	5.7315	0.213
14:08:35	12.4788	5.6666	0.2082
14:08:45	12.5514	5.6059	0.213
14:08:55	12.6068	5.5607	0.2029
14:09:05	12.6312	5.5452	0.2071
14:09:15	12.6276	5.5571	0.2207
14:09:25	12.6597	5.541	0.213
14:09:35	12.6675	5.5327	0.2207



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:09:45	12.658	5.5297	0.2231
14:09:55	12.7669	5.4518	0.2207
14:10:05	12.658	5.5244	0.2207
14:10:15	12.7115	5.4732	0.2154
14:10:25	12.6484	5.5	0.2047
14:10:35	12.536	5.5696	0.2047
14:10:45	12.4866	5.5892	0.213
14:10:55	12.4842	5.5845	0.213
14:11:05	12.6234	5.4821	0.2207
14:11:15	12.4979	5.5892	0.2231
14:11:25	12.4443	5.6279	0.2207
14:11:35	12.3318	5.7196	0.2207
14:11:45	12.2212	5.8041	0.2207
14:11:55	12.2039	5.8184	0.2207
14:12:05	12.2194	5.8184	0.2207
14:12:15	12.2176	5.8326	0.2291
14:12:25	12.2461	5.8142	0.2291
14:12:35	12.2801	5.7815	0.2207
14:12:45	12.3283	5.7392	0.2154
14:12:55	12.3872	5.6981	0.2154
14:13:05	12.4806	5.6303	0.2207
14:13:15	12.511	5.6142	0.2315
14:13:25	12.5151	5.622	0.2368
14:13:35	12.5229	5.6196	0.2368
14:13:45	12.6865	5.4803	0.2517
14:13:55	12.6961	5.5083	0.2451
14:14:05	12.6026	5.5815	0.2291
14:14:15	12.6312	5.5607	0.2291
14:14:25	12.8014	5.4381	0.2291
14:14:35	12.9519	5.3464	0.2291
14:14:45	13.0698	5.2679	0.2368
14:14:55	13.1388	5.2268	0.2315
14:15:05	13.1501	5.2197	0.2207
14:15:15	13.0853	5.2578	0.2207
14:15:25	13.087	5.2607	0.2207
14:15:35	12.9763	5.3286	0.2315
14:15:45	12.8698	5.3911	0.2291
14:15:55	12.7704	5.4494	0.2451
14:16:05	12.6812	5.5006	0.238
14:16:15	12.6407	5.5226	0.2344
14:16:25	12.6008	5.5559	0.2368
14:16:35	12.6104	5.5434	0.2303
14:16:45	12.652	5.5208	0.2428
14:16:55	12.6353	5.5339	0.2368

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:17:05	12.5705	5.5857	0.2368
14:17:15	12.4979	5.6368	0.2338
14:17:25	12.5014	5.6285	0.2368
14:17:35	12.5455	5.5904	0.2368
14:17:45	12.5758	5.5607	0.2207
14:17:55	12.599	5.5494	0.2368
14:18:05	12.5741	5.566	0.2368
14:18:15	12.5342	5.6095	0.2451
14:18:25	12.511	5.6309	0.2451
14:18:35	12.5491	5.5827	0.2451
14:18:45	12.6276	5.5178	0.238
14:18:55	12.6657	5.4881	0.2291
14:19:05	12.7556	5.4297	0.2178
14:19:15	12.7401	5.4488	0.2207
14:19:25	12.6978	5.4762	0.2368
14:19:35	12.6943	5.472	0.2368
14:19:45	12.721	5.4547	0.2368
14:19:55	12.7324	5.4571	0.2166
14:20:05	12.78	5.4196	0.2005
14:20:15	12.8276	5.3905	0.2047
14:20:25	12.8889	5.3488	0.213
14:20:35	12.8734	5.3679	0.2207
14:20:45	12.8014	5.4143	0.2207
14:20:55	12.8698	5.372	0.2219
14:21:05	13.0013	5.2953	0.2207
14:21:15	13.0626	5.2512	0.2219
14:21:25	13.1216	5.2149	0.2207
14:21:35	13.1537	5.1971	0.2142
14:21:45	13.2132	5.1477	0.2059
14:21:55	13.2358	5.128	0.2059
14:22:05	13.2037	5.15	0.2196
14:22:15	13.1043	5.2125	0.2154
14:22:25	13.0109	5.2548	0.1981
14:22:35	12.9156	5.3149	0.188
14:22:45	12.9174	5.3167	0.2005
14:22:55	12.843	5.3708	0.1993
14:23:05	12.7627	5.4208	0.2059
14:23:15	12.7151	5.444	0.213
14:23:25	12.6788	5.4714	0.2207
14:23:35	12.5627	5.5553	0.2291
14:23:45	12.4425	5.647	0.2207
14:23:55	12.4122	5.663	0.2207
14:24:05	12.3545	5.7124	0.2142
14:24:15	12.3092	5.7452	0.213

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:24:25	12.2747	5.7666	0.2207
14:24:35	12.2402	5.7963	0.2207
14:24:45	12.2592	5.766	0.219
14:24:55	12.1468	5.8445	0.2207
14:25:05	12.0533	5.9017	0.2219
14:25:15	12.0361	5.9165	0.219
14:25:25	12.0307	5.9302	0.2047
14:25:35	12.2444	5.7493	0.2029
14:25:45	12.164	5.8326	0.1969
14:25:55	12.2229	5.7785	0.2118
14:26:05	12.1545	5.8428	0.2142
14:26:15	12.1146	5.866	0.213
14:26:25	12.2461	5.7606	0.2142
14:26:35	12.3188	5.7112	0.2029
14:26:45	12.286	5.7446	0.1981
14:26:55	12.4098	5.6166	0.1844
14:27:05	12.4919	5.5517	0.1797
14:27:15	12.3051	5.7047	0.1832
14:27:25	12.1676	5.8195	0.1981
14:27:35	12.1051	5.8773	0.2059
14:27:45	12.0515	5.9094	0.213
14:27:55	11.9712	5.9665	0.2219
14:28:05	11.9141	6.0011	0.2059
14:28:15	11.8915	6.0165	0.2059
14:28:25	11.8587	6.0546	0.213
14:28:35	11.8034	6.0969	0.2142
14:28:45	11.7117	6.1701	0.213
14:28:55	11.6814	6.1951	0.2142
14:29:05	11.7004	6.1808	0.2142
14:29:15	11.6737	6.2123	0.213
14:29:25	11.5939	6.2754	0.2082
14:29:35	11.5534	6.3129	0.2059
14:29:45	11.5481	6.3171	0.1981
14:29:55	11.529	6.3349	0.2059
14:30:05	11.5421	6.329	0.2059
14:30:15	11.46	6.3903	0.1981
14:30:25	11.3993	6.4266	0.2059
14:30:35	11.3725	6.4373	0.2059
14:30:45	11.3951	6.4283	0.2047
14:30:55	11.3612	6.4521	0.2029
14:31:05	11.3249	6.4718	0.2118
14:31:15	11.3761	6.4295	0.2106
14:31:25	11.4546	6.3736	0.1981
14:31:35	11.4392	6.3825	0.2005

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:31:45	11.4642	6.3641	0.2047
14:31:55	11.6338	6.2468	0.2047
14:32:05	11.8361	6.104	0.2047
14:32:15	11.9694	6.0046	0.2106
14:32:25	12.0819	5.9076	0.2207
14:32:35	12.1676	5.8314	0.2207
14:32:45	12.2271	5.7886	0.2154
14:32:55	12.2747	5.7505	0.2207
14:33:05	12.2325	5.794	0.213
14:33:15	12.0307	5.9552	0.2047
14:33:25	11.8337	6.0981	0.213
14:33:35	11.754	6.1474	0.2291
14:33:45	11.7522	6.1457	0.2326
14:33:55	11.7445	6.1451	0.2368
14:34:05	11.7159	6.1528	0.2231
14:34:15	11.7064	6.1576	0.2207
14:34:25	11.6243	6.1909	0.2219
14:34:35	11.6338	6.2105	0.2219
14:34:45	11.6659	6.1796	0.2142
14:34:55	11.6891	6.1641	0.213
14:35:05	11.6469	6.1992	0.2291
14:35:15	11.6201	6.226	0.2207
14:35:25	11.6397	6.2064	0.2219
14:35:35	11.6909	6.1599	0.2142
14:35:45	11.7159	6.1373	0.2219
14:35:55	11.6659	6.1849	0.2219
14:36:05	11.5915	6.2427	0.2291
14:36:15	11.5439	6.2825	0.2207
14:36:25	11.5005	6.3194	0.213
14:36:35	11.4963	6.3212	0.2207
14:36:45	11.4713	6.3438	0.2207
14:36:55	11.4618	6.3504	0.219
14:37:05	11.4582	6.351	0.2059
14:37:15	11.4582	6.3551	0.2047
14:37:25	11.46	6.3587	0.2118
14:37:35	11.5576	6.2962	0.2196
14:37:45	11.5403	6.323	0.2291
14:37:55	11.5136	6.3581	0.2326
14:38:05	11.4808	6.3873	0.2291
14:38:15	11.485	6.3891	0.2231
14:38:25	11.5403	6.3438	0.2196
14:38:35	11.6338	6.2659	0.2219
14:38:45	11.6754	6.2587	0.2154
14:38:55	11.7064	6.2236	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:39:05	11.8129	6.1367	0.213
14:39:15	11.9539	6.0278	0.2344
14:39:25	12.0992	5.9284	0.2338
14:39:35	12.2039	5.8553	0.2368
14:39:45	12.3545	5.7505	0.2368
14:39:55	12.4901	5.6392	0.238
14:40:05	12.6752	5.5	0.2356
14:40:15	12.7169	5.472	0.2368
14:40:25	12.7306	5.466	0.2439
14:40:35	12.6907	5.4785	0.2291
14:40:45	12.721	5.4476	0.2368
14:40:55	12.7651	5.4262	0.2315
14:41:05	12.7151	5.4524	0.2315
14:41:15	12.7651	5.4327	0.2207
14:41:25	12.8085	5.4107	0.2207
14:41:35	12.7556	5.4458	0.2207
14:41:45	12.7324	5.4607	0.2231
14:41:55	12.8085	5.4107	0.2106
14:42:05	12.677	5.5071	0.2207
14:42:15	12.599	5.566	0.2207
14:42:25	12.5741	5.5988	0.2154
14:42:35	12.658	5.5387	0.2207
14:42:45	12.6163	5.5648	0.2207
14:42:55	12.5758	5.5922	0.2231
14:43:05	12.4521	5.6856	0.2207
14:43:15	12.3146	5.7868	0.2291
14:43:25	12.2098	5.8558	0.2291
14:43:35	12.1753	5.8886	0.2207
14:43:45	12.1313	5.9284	0.2219
14:43:55	12.1051	5.9582	0.2267
14:44:05	12.0932	5.9725	0.2344
14:44:15	12.0664	5.9927	0.2368
14:44:25	12.0664	5.9987	0.2368

**Start Bias Calibration**

14:44:35	12.1027	5.9856	0.2451
14:44:45	18.2508	1.527	5.3393
14:44:55	0.8563	0.2636	0.4784
14:45:05	0.2576	0.1779	0.0333
14:45:15	0.1737	0.1339	0.0107
14:45:25	0.1392	0.1095	-0.0137
14:45:35	0.1053	0.0964	-0.0239
14:45:45	0.088	0.0779	-0.0125
14:45:55	0.069	0.0678	-0.0191

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
14:46:05	0.0499	0.0613	-0.0191
14:46:15	0.0476	0.0553	-0.0262
<b>Zero Bias</b>	<b>0.0555</b>	<b>0.061467</b>	<b>-0.02147</b>
14:46:25	0.0404	0.0553	-0.0423
14:46:35	4.3681	1.1253	0.2654
14:46:45	14.3118	0.307	8.6892
14:46:55	20.1139	0.094	14.4082
14:47:05	20.3108	0.0666	14.6302
14:47:15	20.3773	0.0565	14.6802
14:47:25	20.4326	0.0482	14.7069
14:47:35	20.4553	0.0446	14.7319
14:47:45	20.4805	0.0428	14.7557
14:47:55	20.4976	0.0428	14.7468
14:48:05	20.5127	0.0458	14.7397
14:48:15	20.5127	0.0446	14.7557
<b>THC Bias</b>	<b>20.50767</b>	<b>0.0444</b>	<b>14.7474</b>
14:48:25	20.5263	0.0428	14.7629
14:48:35	20.4916	0.0517	11.3202
14:48:45	13.2168	5.1256	1.2062
14:48:55	12.6312	5.3845	0.5183
<b>Resume Run 2B</b>			
14:49:05	12.6044	5.4226	0.4451
14:49:15	12.6276	5.4202	0.4017
14:49:25	12.5973	5.4488	0.3582
14:49:35	12.5437	5.4952	0.3296
14:49:45	12.4961	5.5315	0.3112
14:49:55	12.4979	5.541	0.2963
14:50:05	12.5169	5.5309	0.2826
14:50:15	12.5437	5.519	0.2761
14:50:25	12.4747	5.5738	0.2678
14:50:35	12.5151	5.5315	0.26
14:50:45	12.5282	5.5226	0.2541
14:50:55	12.5205	5.5285	0.2529
14:51:05	12.5627	5.5006	0.2541
14:51:15	12.6044	5.4714	0.2368
14:51:25	12.5491	5.5143	0.2529
14:51:35	12.4693	5.5732	0.26
14:51:45	12.389	5.6392	0.2564
14:51:55	12.3336	5.6797	0.2451
14:52:05	12.2973	5.7112	0.2439
14:52:15	12.2747	5.7333	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:52:25	12.261	5.7434	0.2368
14:52:35	12.2902	5.7178	0.2475
14:52:45	12.2212	5.7571	0.2517
14:52:55	12.145	5.8011	0.2529
14:53:05	12.139	5.8082	0.2439
14:53:15	12.1509	5.8082	0.2451
14:53:25	12.1164	5.838	0.2356
14:53:35	12.0837	5.8666	0.2451
14:53:45	12.1009	5.8535	0.2368
14:53:55	12.1563	5.8059	0.2475
14:54:05	12.1218	5.8392	0.2517
14:54:15	12.023	5.9124	0.2368
14:54:25	11.8873	6.026	0.2315
14:54:35	11.8742	6.0344	0.2451
14:54:45	11.7956	6.0981	0.2529
14:54:55	11.7617	6.1177	0.2368
14:55:05	11.7808	6.0981	0.2368
14:55:15	11.8147	6.0772	0.2291
14:55:25	11.9617	5.9463	0.2154
14:55:35	11.9391	5.9558	0.213
14:55:45	12.0974	5.8112	0.213
14:55:55	12.2176	5.7172	0.1946
14:56:05	12.2729	5.6797	0.1969
14:56:15	12.3967	5.5839	0.2047
14:56:25	12.2997	5.6791	0.2106
14:56:35	12.1926	5.7803	0.213
14:56:45	12.1944	5.788	0.2106
14:56:55	12.1985	5.7934	0.213
14:57:05	12.1908	5.8231	0.2368
14:57:15	12.3527	5.7219	0.2368
14:57:25	12.5169	5.6208	0.2291
14:57:35	12.5514	5.6178	0.2493
14:57:45	12.5419	5.6285	0.2451
14:57:55	12.5681	5.6059	0.2451
14:58:05	12.5931	5.5922	0.2368
14:58:15	12.6217	5.5714	0.2451
14:58:25	12.5758	5.6095	0.2451
14:58:35	12.5532	5.6279	0.2368
14:58:45	12.4651	5.6993	0.2368
14:58:55	12.4312	5.7291	0.2451
14:59:05	12.4616	5.7017	0.2505
14:59:15	12.4884	5.685	0.2451
14:59:25	12.4027	5.7535	0.2451
14:59:35	12.2902	5.8481	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:59:45	12.2557	5.8779	0.2451
14:59:55	12.1795	5.9154	0.2529
15:00:05	12.2039	5.8987	0.2368
15:00:15	12.2253	5.8832	0.2368
15:00:25	12.2765	5.841	0.2368
15:00:35	12.3092	5.8249	0.2368
15:00:45	12.3051	5.8285	0.2291
15:00:55	12.3586	5.785	0.2368
15:01:05	12.4937	5.6761	0.2291
15:01:15	12.677	5.5297	0.2207
15:01:25	12.818	5.4422	0.2207
15:01:35	12.9252	5.3738	0.213
15:01:45	13.0204	5.3149	0.213
15:01:55	13.1709	5.2096	0.2291
15:02:05	13.2721	5.1328	0.2219
15:02:15	13.2781	5.1215	0.2142
15:02:25	13.2281	5.1524	0.2059
15:02:35	13.0948	5.2488	0.2059
15:02:45	13.0912	5.2566	0.213
15:02:55	13.1085	5.2494	0.213
15:03:05	13.1311	5.231	0.213
15:03:15	13.19	5.1792	0.213
15:03:25	13.2685	5.128	0.2344
15:03:35	13.2912	5.1191	0.2368
15:03:45	13.2668	5.1477	0.2315
15:03:55	13.3144	5.1161	0.2368
15:04:05	13.2894	5.1352	0.2368
15:04:15	13.3066	5.1078	0.2392
15:04:25	13.2477	5.1441	0.2368
15:04:35	13.2073	5.1619	0.2428
15:04:45	13.2037	5.1655	0.2451
15:04:55	13.1924	5.1727	0.2451
15:05:05	13.215	5.1596	0.2368
15:05:15	13.0989	5.2351	0.2451
15:05:25	12.9156	5.3702	0.2451
15:05:35	12.8353	5.4244	0.2475
15:05:45	12.8621	5.4244	0.2451
15:05:55	12.9139	5.3821	0.2451
15:06:05	13.0168	5.3	0.2368
15:06:15	13.1061	5.2328	0.2344
15:06:25	13.137	5.2119	0.2451
15:06:35	13.2114	5.1447	0.2368
15:06:45	13.2168	5.1393	0.2428
15:06:55	13.0549	5.2423	0.2439



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:07:05	12.9079	5.3202	0.2529
15:07:15	12.818	5.3714	0.2529
15:07:25	12.5973	5.491	0.238
15:07:35	12.4288	5.5964	0.2207
15:07:45	12.3396	5.6612	0.213
15:07:55	12.3396	5.6666	0.2207
15:08:05	12.3354	5.6767	0.2451
15:08:15	12.3146	5.6952	0.2368
15:08:25	12.3092	5.71	0.2368
15:08:35	12.2801	5.7255	0.2338
15:08:45	12.261	5.7606	0.2356
15:08:55	12.2515	5.763	0.2368
15:09:05	12.2515	5.7832	0.2368
15:09:15	12.2461	5.7951	0.2368
15:09:25	12.3092	5.7487	0.2368
15:09:35	12.3491	5.7231	0.2368
15:09:45	12.3128	5.7559	0.2517
15:09:55	12.189	5.8547	0.2368
15:10:05	12.0212	5.9772	0.2291
15:10:15	11.973	6.0124	0.2291
15:10:25	12.1795	5.8428	0.2368
15:10:35	12.261	5.7826	0.2439
15:10:45	12.3836	5.694	0.2451
15:10:55	12.3777	5.6993	0.2368
15:11:05	12.2997	5.7547	0.2451
15:11:15	12.4235	5.6333	0.2451
15:11:25	12.2902	5.7642	0.2368
15:11:35	12.1241	5.8963	0.2368
15:11:45	12.0379	5.9659	0.2291
15:11:55	12.0307	5.9499	0.2207
15:12:05	12.0325	5.9469	0.2291
15:12:15	12.0266	5.9261	0.2207
15:12:25	12.0611	5.904	0.2279
15:12:35	12.0742	5.885	0.2207
15:12:45	12.0783	5.8779	0.213
15:12:55	12.0664	5.8904	0.2291
15:13:05	12.0117	5.932	0.2451
15:13:15	12.0765	5.8898	0.2368
15:13:25	12.1313	5.8624	0.2207
15:13:35	12.1355	5.8505	0.2368
15:13:45	12.1259	5.866	0.2439
15:13:55	12.0212	5.9534	0.2439
15:14:05	11.851	6.0957	0.2541
15:14:15	11.7159	6.1897	0.2588

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:14:25	11.6129	6.27	0.2612
15:14:35	11.5481	6.3099	0.2439
15:14:45	11.485	6.3361	0.2439
15:14:55	11.4451	6.3528	0.2451
15:15:05	11.4011	6.3932	0.2368
15:15:15	11.3898	6.3944	0.2291
15:15:25	11.3725	6.4147	0.2291
15:15:35	11.3398	6.4343	0.2207
15:15:45	11.3457	6.4307	0.2291
15:15:55	11.3077	6.4646	0.2392
15:16:05	11.2749	6.4908	0.2368
15:16:15	11.294	6.4825	0.2493
15:16:25	11.2672	6.517	0.2451
15:16:35	11.313	6.4801	0.2451
15:16:45	11.3969	6.4277	0.2529
15:16:55	11.3648	6.4646	0.2451
15:17:05	11.4064	6.4391	0.2451
15:17:15	11.5058	6.3772	0.238
15:17:25	11.563	6.3504	0.2368
15:17:35	11.5154	6.3968	0.2291
15:17:45	11.5326	6.3909	0.2291
15:17:55	11.5154	6.4105	0.2368
15:18:05	11.5171	6.4182	0.2368
15:18:15	11.4832	6.4581	0.2368
15:18:25	11.4737	6.4629	0.2368
15:18:35	11.5171	6.4277	0.2368
15:18:45	11.5957	6.3551	0.238
15:18:55	11.5707	6.3635	0.2368
15:19:05	11.7082	6.2718	0.2451
15:19:15	11.7766	6.2016	0.2416
15:19:25	11.9676	6.0534	0.2505
15:19:35	12.1277	5.9207	0.2439
15:19:45	12.139	5.9142	0.2451
15:19:55	12.1581	5.8951	0.2529
15:20:05	12.1962	5.8636	0.26
15:20:15	12.2366	5.8291	0.26
15:20:25	12.1545	5.882	0.2517
15:20:35	12.1027	5.9154	0.2493
15:20:45	12.017	5.9802	0.2493
15:20:55	12.0212	5.9707	0.2517
15:21:05	12.0022	5.9844	0.2439
15:21:15	11.9391	6.0338	0.2529
15:21:25	11.8093	6.132	0.2517
15:21:35	11.773	6.1522	0.2356

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:21:45	11.7712	6.1546	0.2303
15:21:55	11.779	6.1641	0.219
15:22:05	11.7712	6.1802	0.2315
15:22:15	11.7349	6.2141	0.2338
15:22:25	11.7576	6.1873	0.2291
15:22:35	11.7254	6.2201	0.2207
15:22:45	11.6969	6.2564	0.2207
15:22:55	11.5957	6.3468	0.2154
15:23:05	11.5939	6.3528	0.2291
15:23:15	11.6373	6.3159	0.2267
15:23:25	11.7939	6.2016	0.2207
15:23:35	12.0212	6.0528	0.2291
15:23:45	12.2176	5.9035	0.2291
15:23:55	12.3545	5.794	0.2291
15:24:05	12.4538	5.7094	0.2368
15:24:15	12.5282	5.6416	0.2291
15:24:25	12.5705	5.6083	0.2291
15:24:35	12.6044	5.5714	0.2368
15:24:45	12.5758	5.5928	0.2451
15:24:55	12.5776	5.5803	0.2451
15:25:05	12.7722	5.4369	0.2529
15:25:15	12.6865	5.5154	0.2517
15:25:25	12.5586	5.5928	0.2517
15:25:35	12.3985	5.7279	0.2749
15:25:45	12.5514	5.5976	0.2749
15:25:55	12.5378	5.6333	0.2642
15:26:05	12.4806	5.694	0.2678
15:26:15	12.4253	5.7315	0.26
15:26:25	12.4366	5.7112	0.26
15:26:35	12.4675	5.6821	0.2612
15:26:45	12.4884	5.6452	0.26
15:26:55	12.3931	5.7148	0.26
15:27:05	12.4693	5.6357	0.26
15:27:15	12.5032	5.5988	0.2761
15:27:25	12.2878	5.7559	0.2761
15:27:35	12.1962	5.8291	0.2761
15:27:45	12.2057	5.8148	0.2761
15:27:55	12.2444	5.7737	0.2678
15:28:05	12.2194	5.7832	0.2678
15:28:15	12.0724	5.8981	0.2678
15:28:25	11.7689	6.1016	0.26
15:28:35	11.6147	6.1998	0.26
15:28:45	11.5689	6.2201	0.2529
15:28:55	11.6034	6.1933	0.26

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:29:05	11.7576	6.0987	0.2529
15:29:15	11.8742	6.0201	0.2439
15:29:25	11.9391	5.979	0.2368
15:29:35	11.9522	5.9719	0.2451
15:29:45	11.9468	5.9856	0.2368
15:29:55	11.9444	5.9939	0.2392
15:30:05	11.9176	6.0225	0.2368
15:30:15	11.8932	6.0302	0.2368
15:30:25	11.9046	6.0266	0.2451
15:30:35	11.9141	6.0177	0.2529
15:30:45	11.876	6.0481	0.2529
15:30:55	11.8266	6.0802	0.2529
15:31:05	11.8361	6.0689	0.2517
15:31:15	11.8397	6.079	0.2517
15:31:25	11.8093	6.104	0.2529
15:31:35	11.7159	6.1849	0.26
15:31:45	11.6909	6.1933	0.26
15:31:55	11.6969	6.1843	0.26
15:32:05	11.7159	6.1885	0.2678
15:32:15	11.7308	6.1736	0.26
15:32:25	11.7349	6.1766	0.2529
15:32:35	11.7671	6.1629	0.26
15:32:45	11.7272	6.1742	0.2529
15:32:55	11.6641	6.226	0.2529
15:33:05	11.5689	6.304	0.2529
15:33:15	11.6243	6.2742	0.2517
15:33:25	11.8171	6.1588	0.2451
15:33:35	11.9676	6.0737	0.2529
15:33:45	12.0188	6.0415	0.2517
15:33:55	12.0456	6.0177	0.2451
15:34:05	12.0992	5.9671	0.2517
15:34:15	12.145	5.9237	0.2529
15:34:25	12.1355	5.9338	0.2505
15:34:35	12.0914	5.9761	0.2529
15:34:45	12.1355	5.9415	0.2529
15:34:55	12.1813	5.8826	0.2529
15:35:05	12.242	5.8237	0.2451
15:35:15	12.2116	5.8445	0.2451
15:35:25	12.4747	5.6493	0.2392
15:35:35	12.6008	5.5839	0.2451
15:35:45	12.6258	5.5785	0.2439
15:35:55	12.6925	5.5351	0.2368
15:36:05	12.7038	5.5315	0.2451
15:36:15	12.721	5.5202	0.2529

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:36:25	12.7817	5.4702	0.2541
15:36:35	12.8657	5.4232	0.2529
15:36:45	12.843	5.4405	0.2529
15:36:55	12.8371	5.4297	0.2529
15:37:05	12.8145	5.4393	0.2529
15:37:15	12.7687	5.4678	0.2529
15:37:25	12.7365	5.4815	0.2529
15:37:35	12.6812	5.5101	0.2451
15:37:45	12.6597	5.5196	0.2529
15:37:55	12.6883	5.5035	0.2576
15:38:05	12.7573	5.466	0.2463
15:38:15	12.8127	5.4315	0.2451
15:38:25	12.8204	5.4286	0.2529
15:38:35	12.818	5.4333	0.2529
15:38:45	12.7365	5.4845	0.2529
15:38:55	12.6104	5.5357	0.2576
15:39:05	12.4027	5.7041	0.26
15:39:15	12.1718	5.8832	0.2624
15:39:25	12.2098	5.8451	0.2636
15:39:35	12.3414	5.7279	0.2654
15:39:45	12.5568	5.5547	0.2541
15:39:55	12.4366	5.6571	0.26
15:40:05	12.3164	5.76	0.26
15:40:15	12.2402	5.8142	0.2654
15:40:25	12.1337	5.8874	0.2678
15:40:35	12.042	5.9475	0.2678
15:40:45	12.0152	5.9802	0.2612
15:40:55	11.9807	6.0165	0.26
15:41:05	11.9599	6.0415	0.2529
15:41:15	11.9807	6.0225	0.26
15:41:25	12.0379	5.9636	0.2678
15:41:35	12.0039	5.9963	0.2678
15:41:45	11.8724	6.1076	0.2678
15:41:55	11.6927	6.2659	0.2678
15:42:05	11.5766	6.3635	0.2678
15:42:15	11.4618	6.4712	0.2761
15:42:25	11.2922	6.5611	0.2785
15:42:35	11.1571	6.62	0.2803
15:42:45	11.0482	6.6563	0.2642
15:42:55	10.8786	6.761	0.26
15:43:05	10.7447	6.8669	0.26
15:43:15	10.6173	6.9586	0.2529
15:43:25	10.5233	7.0104	0.2529
15:43:35	10.4299	7.0752	0.2451

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
15:43:45	10.4186	7.083	0.2368
15:43:55	10.5465	6.9949	0.2368
15:44:05	10.806	6.8342	0.2368
15:44:15	11.0577	6.6854	0.2451
15:44:25	11.2333	6.5712	0.2451
15:44:35	11.3588	6.4879	0.2451
15:44:45	11.4237	6.4468	0.2529
15:44:55	11.5862	6.3307	0.2475
<b>End Run 2B</b>	<b>12.24082</b>	<b>5.772533</b>	<b>0.225398</b>
15:45:05	12.0283	6.0338	0.2451
15:45:15	12.4651	5.7487	0.2428
15:45:25	12.7115	5.591	0.2356
15:45:35	12.8603	5.4976	0.2451
15:45:45	12.8776	5.4934	0.2529
15:45:55	12.921	5.4785	0.2451
15:46:05	12.9192	5.4982	0.2451
15:46:15	12.9668	5.4559	0.2529
15:46:25	13.0013	5.4363	0.2529
15:46:35	13.0222	5.4226	0.2529
15:46:45	13.0775	5.3863	0.2624
15:46:55	13.1977	5.3006	0.2761
15:47:05	13.2929	5.231	0.2689
15:47:15	13.4971	5.081	0.2666
15:47:25	13.6423	4.9846	0.2761
15:47:35	13.6917	4.9513	0.2761
15:47:45	13.919	4.7805	0.2761
15:47:55	14.2832	4.5008	0.2761
15:48:05	14.6343	4.255	0.2761
15:48:15	14.867	4.1009	0.2838
15:48:25	14.9164	4.03	0.2922
15:48:35	14.9735	3.8908	0.2922
15:48:45	15.2503	3.6218	0.2838
15:48:55	15.4526	3.4379	0.2975
15:49:05	15.5401	3.3564	0.2987
15:49:15	15.5514	3.3242	0.2963
15:49:25	15.2753	3.4933	0.2838
15:49:35	14.6034	3.8717	0.2838
15:49:45	14.1707	4.0907	0.2939
15:49:55	13.8904	4.2342	0.2987
15:50:05	13.6405	4.3597	0.2838
15:50:15	13.4322	4.4764	0.291
15:50:25	13.118	4.6621	0.2922
15:50:35	12.7609	4.8674	0.2761
15:50:45	12.4634	5.0269	0.2761

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:50:55	12.2307	5.1512	0.291
15:51:05	12.3777	5.0661	0.2761
15:51:15	11.9081	5.3411	0.2678
15:51:25	11.7332	5.4357	0.2803
15:51:35	18.3591	1.4056	2.3179
15:51:45	0.8831	0.2398	0.1065
15:51:55	0.2517	0.1547	0.0196
15:52:05	0.1946	0.1231	0.0273
15:52:15	0.16	0.0993	0.0047
15:52:25	0.1166	0.0803	-0.0173
15:52:35	0.0934	0.0708	-0.0185
15:52:45	0.0785	0.0654	-0.0262
15:52:55	0.0785	0.0624	-0.0191
15:53:05	0.0648	0.0559	-0.0185
<b>Zero Bias</b>	<b>0.073933</b>	<b>0.061233</b>	<b>-0.02127</b>
15:53:15	0.0499	0.0535	-0.0042
15:53:25	9.4497	4.7109	0.4576
15:53:35	7.9161	6.8777	0.0964
15:53:45	9.8865	9.7241	0.0113
15:53:55	9.9401	9.8592	0.0059
15:54:05	9.9669	9.9234	0.0059
15:54:15	9.9782	9.9532	-0.0036
15:54:25	9.9895	9.9728	-0.009
15:54:35	9.999	9.9907	-0.0102
15:54:45	9.9954	10.0044	0.0107
15:54:55	10.0026	10.0133	0.0059
15:55:05	10.0067	10.0198	0.0047
<b>O2/CO2 Bias</b>	<b>10.00157</b>	<b>10.0125</b>	<b>0.0071</b>
15:55:15	10.0026	10.0228	0.0148
15:55:25	10.4394	7.302	0.5588
15:55:35	18.5998	1.6413	10.9149
15:55:45	20.2917	0.4266	14.4332
15:55:55	20.3924	0.2868	14.6462
15:56:05	20.4382	0.2207	14.6861
15:56:15	20.4729	0.1761	14.7087
15:56:25	20.4901	0.1529	14.7236
15:56:35	20.5072	0.1321	14.7319
15:56:45	20.5223	0.1178	14.7236
15:56:55	20.5278	0.1071	14.7343
<b>THC Bias</b>	<b>20.5191</b>	<b>0.119</b>	<b>14.72993</b>
15:57:05	20.5374	0.0976	14.7397
15:57:15	20.5339	0.091	13.1477
15:57:25	13.797	4.4919	1.8198

### Veolia Unit 4

Uncorrected Concentrations									
25-Oct-13	Time	O <sub>2</sub> (%)	CO <sub>2</sub> (%)	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	THC (ppm)	Moisture (%)	THC (ppm dry)
Run 3A	935-1040	12.29	5.38						0.00
Run 4A	1050-1155	11.93	5.66						0.00
Run 3B	1335-1641	11.77	5.86				0.33	39.28	0.54

Corrected O <sub>2</sub> Conc.					
25-Oct-13	Time	O <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	935-1040	12.29	0.08	1.02	12.48
Run 4A	1050-1155	11.93	0.06	1.02	12.11
Run 3B	1335-1641	11.77	0.04	1.02	12.00

Corrected CO <sub>2</sub> Conc.					
25-Oct-13	Time	CO <sub>2</sub> (%)	Eq. 7E-5 Factors		Bias Corrected Concentration
			C <sub>O</sub>	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> )	
Run 3A	935-1040	5.38	0.06	1.03	5.45
Run 4A	1050-1155	5.66	0.09	1.03	5.71
Run 3B	1335-1641	5.86	0.06	1.03	5.96



**Veolia Unit 4**  
**O<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/25/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 22.50  
 Analyzer Range: 25  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span)
						2.0% Limit
zero gas	52-400193157-1A	0.00	07:27	-0.02	0.02	0.1%
span gas	CC189665	22.50	07:24	22.58	0.08	0.4%
mid-range	CC43355	10.10	07:25	10.12	0.02	0.1%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
3A	0.00	-0.02	07:31	0.08	0.5%	10:43	0.08	0.4%	0.0%	$C_0 = 0.079$
	10.10	10.12	07:33	9.97	-0.7%	10:44	9.96	-0.7%	0.0%	$C_{MA}/(C_M - C_0) = 1.022$
4A	0.00	-0.02	10:43	0.08	0.4%	11:58	0.05	0.3%	-0.1%	$C_0 = 0.064$
	10.10	10.12	10:44	9.96	-0.7%	11:59	9.96	-0.7%	0.0%	$C_{MA}/(C_M - C_0) = 1.020$
3B	0.00	-0.02	11:58	0.05	0.3%	16:54	0.02	0.2%	-0.1%	$C_0 = 0.036$
	10.10	10.12	11:59	9.96	-0.7%	16:56	9.87	-1.1%	-0.4%	$C_{MA}/(C_M - C_0) = 1.022$

**Veolia Unit 4**  
**CO<sub>2</sub> Calibration Data Summary**

Project ID: 40942525  
 Date: 10/25/2013  
 Instrument Make/Model: Servomex 1440  
 Instrument Name/ID: Waits  
 Calibration Span Value: 19.20  
 Analyzer Range: 20  
 Units: %  
 Technician(s): kmm

Calibration Error Test Results						
	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	Cal Error (% of Span) 2.0% Limit
zero gas	52-400193157-1A	0.00	07:27	0.04	0.04	0.2%
span gas	CC189665	19.20	07:24	19.24	0.04	0.2%
mid-range	CC43355	10.00	07:25	10.05	0.05	0.3%

CEMS Calibration Bias and Drift Tests										
Run No.	Cylinder Value	Cal Error CEMS Response	Time	Pre-Test CEMS Response	Bias (% of Span) 5.0% Limit	Time	Post-Test CEMS Response	Bias (% of Span) 5.0% Limit	Drift (% of Span) 3.0% Limit	Eq. 7E-5
3A	0.00	0.04	07:31	0.03	-0.1%	10:43	0.10	0.3%	0.4%	C <sub>O</sub> = 0.064
	10.00	10.05	07:33	9.81	-1.2%	10:44	9.82	-1.2%	0.1%	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.025
4A	0.00	0.04	10:43	0.10	0.3%	11:58	0.08	0.2%	-0.1%	C <sub>O</sub> = 0.091
	10.00	10.05	10:44	9.82	-1.2%	11:59	9.86	-1.0%	0.2%	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.025
3B	0.00	0.04	11:58	0.08	0.2%	16:54	0.04	0.0%	-0.2%	C <sub>O</sub> = 0.059
	10.00	10.05	11:59	9.86	-1.0%	16:56	9.70	-1.8%	-0.8%	C <sub>MA</sub> /(C <sub>M</sub> -C <sub>O</sub> ) 1.028

**Veolia Unit 4  
THC Calibration Data Summary**

Project ID: 40942525  
 Date: 10/25/2013  
 Instrument Make/Model: TECO 51i  
 ID Number: 1210152154  
 Span Value: 30.00  
 Analyzer Range 30  
 Units: ppm  
 Technician(s): kmm

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00	11:58	0.00	0.00	n/a
<b>Span</b>	ALM025456	24.70	12:02	24.67	0.03	0.1%
<b>Mid</b>	ALM028646	14.80	12:04	15.03	0.23	1.5%
<b>Low</b>	ALM057529	8.43	12:06	8.54	0.11	1.4%

Note: Operator may use either mid or low C<sub>3</sub>H<sub>8</sub> standard for hourly drift checks, per URS SOP-027.

Selection for drift checks; enter Mid or Low	<b>mid</b>
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**EPA Method 25A Calibration Drift Tests**

Run No.	Cal Error CEMS Response	Time	Hourly Drift CEMS Response	Drift (% of Span) (3% Limit)
Run 38	0.00	13:14	-0.01	0.0
	15.03	13:16	14.88	-0.5
	0.00	14:37	-0.01	0.0
	15.03	14:39	14.93	-0.3
	0.00	15:45	-0.02	-0.1
	15.03	15:47	14.86	-0.6
	0.00	16:54	-0.05	-0.2
	15.03	16:58	15.00	-0.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1
	0.00			0.0
	15.03			-50.1

**EPA Method 25A Calibration Error Test Results**

	Cylinder ID	Certified Value	Time	CEM Response	Absolute Difference	5% limit Cal Error (% of Value)
<b>Zero</b>	52-400193157-1A	0.00			0.00	n/a
<b>Span</b>	ALM025456	24.70			24.70	100.0%
<b>Mid</b>	ALM028646	14.80			14.80	100.0%
<b>Low</b>	ALM057529	8.43			8.43	100.0%

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
7:21:32	-4.60E-05	0.0184	0.9373
7:21:42	-0.0054	0.0154	0.9158
7:21:52	-0.0114	0.022	0.9075
7:22:02	-0.0096	0.0214	0.9146
7:22:12	-0.0149	0.0208	0.9283
7:22:22	-0.0131	0.019	0.9295
7:22:32	0.0017	0.019	0.9384
<b>N2 Zero</b>	<b>-0.00877</b>	<b>0.0196</b>	<b>0.932067</b>
7:22:42	0.0458	0.0202	0.9307
7:22:52	22.3723	19.5978	0.9063
7:23:02	22.8854	19.7488	0.9063
7:23:12	22.9086	19.778	0.9182
7:23:22	22.8053	19.6985	0.9361
7:23:32	22.7424	19.7806	0.9396
7:23:42	22.5672	19.2226	0.9492
7:23:52	22.5727	19.2156	0.9658
7:24:02	22.5767	19.2242	0.9396
7:24:12	22.5823	19.2282	0.9236
7:24:22	22.5802	19.2317	0.9396
7:24:32	22.5878	19.2357	0.9617
7:24:42	22.5802	19.2377	0.9295
<b>O2/CO2 Span 22.5/19.2</b>	<b>22.58273</b>	<b>19.23503</b>	<b>0.9436</b>
7:24:52	22.5173	19.0615	0.9087
7:25:02	21.2126	15.627	0.9134
7:25:12	10.3311	10.0615	0.9158
7:25:22	10.1418	10.0591	0.9075
7:25:32	10.1287	10.0514	0.9492
7:25:42	10.1228	10.0484	0.9807
7:25:52	10.1192	10.0454	1.0093
<b>O2/CO2 Mid 10.1/10.0</b>	<b>10.12357</b>	<b>10.0484</b>	<b>0.979733</b>
7:26:02	10.1037	10.0365	1.0634
7:26:12	10.0984	9.9776	0.9956
7:26:22	9.5164	9.3503	0.9628
7:26:32	0.1166	0.0952	0.9706
7:26:42	-0.0036	0.0702	0.9753
7:26:52	-0.0078	0.0589	1.0039
7:27:02	-0.0191	0.0517	1.0313
7:27:12	-0.0244	0.0464	1.0093
7:27:22	-0.0209	0.0428	1.0253
7:27:32	-0.0244	0.0374	1.0235
<b>N2 Zero</b>	<b>-0.02323</b>	<b>0.0422</b>	<b>1.019367</b>

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
7:27:42	-0.0054	0.0428	1.0015
7:27:52	14.7926	0.4028	0.9795
7:28:02	20.7302	0.0815	0.895
7:28:12	20.7569	0.088	0.9331
7:28:22	20.7323	0.097	0.9307
7:28:32	20.7549	0.0964	0.9248
7:28:42	20.7453	0.094	0.9283
7:28:52	20.7514	0.0916	0.9146
7:29:02	20.7569	0.091	0.9075
7:29:12	20.7625	0.0904	0.9212
7:29:22	20.4709	0.3249	2.8214
7:29:32	1.6329	0.0458	0.1535
7:29:42	0.4195	0.041	-0.0185
7:29:52	0.3356	0.0404	-0.056
7:30:02	0.185	0.0398	-0.0721
7:30:12	0.2826	0.0398	-0.0893
7:30:22	0.141	0.0273	-0.0959
7:30:32	0.1452	0.0357	-0.0959
7:30:42	0.0934	0.0321	-0.1042
7:30:52	0.1547	0.0315	-0.1042
7:31:02	0.0916	0.0297	-0.1042
7:31:12	0.088	0.0291	-0.1042
7:31:22	0.0839	0.0285	-0.1042
7:31:32	0.0743	0.0297	-0.1042
<b>Zero Bias</b>	<b>0.082067</b>	<b>0.0291</b>	<b>-0.1042</b>
7:31:42	0.063	0.0297	-0.0066
7:31:52	17.0106	0.0732	0.3755
7:32:02	8.6124	8.7011	-0.056
7:32:12	9.8728	9.5955	-0.0572
7:32:22	9.9187	9.6872	-0.056
7:32:32	9.9377	9.7467	-0.0512
7:32:42	9.9496	9.7723	-0.0637
7:32:52	9.955	9.7794	-0.056
7:33:02	9.9591	9.7901	-0.0637
7:33:12	9.9704	9.8205	-0.0721
7:33:22	9.9687	9.8181	-0.0596
<b>O2/CO2 Bias</b>	<b>9.966067</b>	<b>9.809567</b>	<b>-0.06513</b>
7:33:32	9.9687	9.8199	-0.0619
7:33:42	16.3774	2.741	0.5141
7:33:52	20.3047	0.3731	0.8301
7:34:02	20.5545	0.2493	0.8599

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:31:42	12.8127	5.0447	0.2207
9:31:52	12.9002	4.9917	0.2219
9:32:02	12.8109	5.0536	0.2291
9:32:12	12.8109	5.0435	0.2291
9:32:22	12.843	5.0322	0.2207
9:32:32	12.5514	5.2328	0.2207
9:32:42	12.5491	5.2096	0.2291
9:32:52	12.7556	5.0626	0.2291
9:33:02	13.0567	4.8465	0.2291
9:33:12	13.2685	4.6995	0.2207
9:33:22	13.4495	4.5656	0.2291
9:33:32	13.5393	4.5186	0.2291
9:33:42	13.4364	4.5918	0.2315
9:33:52	12.8984	4.981	0.2344
9:34:02	12.414	5.2732	0.2243
9:34:12	12.139	5.453	0.2291
9:34:22	12.2021	5.3869	0.2291
9:34:32	12.3622	5.2845	0.2368
9:34:42	12.5247	5.1846	0.2291
9:34:52	12.561	5.1875	0.2451

**Start Run 3A**

9:35:02	12.4348	5.281	0.2368
9:35:12	12.2824	5.3923	0.2315
9:35:22	12.0438	5.5625	0.2291
9:35:32	11.9581	5.6035	0.2207
9:35:42	12.2402	5.3542	0.2291
9:35:52	12.4253	5.2411	0.238
9:36:02	12.3033	5.3173	0.2439
9:36:12	12.1831	5.4012	0.2451
9:36:22	11.9081	5.644	0.2451
9:36:32	11.6891	5.7844	0.2529
9:36:42	11.704	5.766	0.2517
9:36:52	11.7254	5.7487	0.2475
9:37:02	11.9028	5.5827	0.2368
9:37:12	12.2634	5.306	0.2356
9:37:22	12.5282	5.1447	0.2368
9:37:32	12.8127	4.9554	0.2428
9:37:42	13.0853	4.8025	0.2416
9:37:52	12.6181	5.1596	0.2356
9:38:02	12.1545	5.4738	0.2368
9:38:12	12.0039	5.5875	0.2368
9:38:22	12.0629	5.5279	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:38:32	12.3378	5.3256	0.2207
9:38:42	12.5663	5.1893	0.2279
9:38:52	12.6812	5.1298	0.2291
9:39:02	12.7687	5.0703	0.2291
9:39:12	12.8639	5.0185	0.2451
9:39:22	12.633	5.1756	0.2368
9:39:32	12.8853	4.9763	0.2279
9:39:42	13.3352	4.668	0.2291
9:39:52	13.6137	4.4764	0.2207
9:40:02	13.6768	4.4425	0.2291
9:40:12	13.1061	4.8715	0.2291
9:40:22	12.7913	5.0536	0.2231
9:40:32	12.7115	5.1066	0.2207
9:40:42	12.9043	4.959	0.2207
9:40:52	12.9156	4.9632	0.2291
9:41:02	12.9573	4.9406	0.2207
9:41:12	12.8032	5.0483	0.219
9:41:22	13.0412	4.8686	0.213
9:41:32	12.8698	5.0251	0.2207
9:41:42	12.3354	5.3934	0.2207
9:41:52	12.1355	5.5476	0.2255
9:42:02	12.2747	5.3905	0.2291
9:42:12	12.3812	5.3333	0.2255
9:42:22	12.2515	5.4524	0.2279
9:42:32	12.2747	5.4137	0.2291
9:42:42	12.3646	5.3327	0.2279
9:42:52	12.683	5.1078	0.2219
9:43:02	12.6639	5.1518	0.2368
9:43:12	12.3015	5.4036	0.2439
9:43:22	12.1831	5.469	0.2475
9:43:32	12.3931	5.2905	0.2451
9:43:42	12.3949	5.2988	0.2451
9:43:52	12.4253	5.272	0.2428
9:44:02	12.5395	5.1929	0.2356
9:44:12	12.5247	5.231	0.219
9:44:22	12.2688	5.4113	0.2207
9:44:32	12.189	5.4613	0.2291
9:44:42	12.1962	5.4369	0.2291
9:44:52	12.2955	5.3488	0.2303
9:45:02	12.53	5.1959	0.2291
9:45:12	12.7115	5.0899	0.2303
9:45:22	12.7341	5.0673	0.2267
9:45:32	12.7002	5.0935	0.2154
9:45:42	12.7496	5.0602	0.2178

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:45:52	12.9936	4.9055	0.2231
9:46:02	12.8145	5.0536	0.2338
9:46:12	12.5229	5.2286	0.2356
9:46:22	12.6467	5.128	0.2392
9:46:32	12.727	5.0947	0.2368
9:46:42	12.4651	5.2679	0.2368
9:46:52	12.4675	5.2423	0.2368
9:47:02	12.6717	5.1024	0.2368
9:47:12	12.7532	5.0715	0.2356
9:47:22	12.6865	5.1143	0.2451
9:47:32	12.8109	5.0304	0.2428
9:47:42	12.4866	5.253	0.2368
9:47:52	12.292	5.3542	0.2451
9:48:02	12.3836	5.2792	0.2368
9:48:12	12.3949	5.2774	0.2243
9:48:22	12.3604	5.3036	0.2207
9:48:32	12.4842	5.2143	0.2326
9:48:42	12.7514	5.0322	0.2356
9:48:52	12.7627	5.0572	0.2291
9:49:02	12.4366	5.2631	0.2279
9:49:12	12.6693	5.0816	0.2291
9:49:22	12.9859	4.8697	0.2279
9:49:32	12.9859	4.8757	0.2231
9:49:42	12.7764	5.0322	0.2255
9:49:52	12.511	5.2012	0.2291
9:50:02	12.6621	5.0834	0.2207
9:50:12	12.8526	4.9685	0.2279
9:50:22	12.555	5.1929	0.2356
9:50:32	12.1813	5.4601	0.2291
9:50:42	12.4235	5.2417	0.2207
9:50:52	12.9478	4.8906	0.2231
9:51:02	12.7074	5.078	0.2368
9:51:12	12.4062	5.281	0.2356
9:51:22	12.2765	5.3685	0.2356
9:51:32	12.145	5.4738	0.2291
9:51:42	11.8796	5.6898	0.219
9:51:52	11.8016	5.7338	0.2047
9:52:02	11.9254	5.6255	0.2094
9:52:12	12.0075	5.569	0.213
9:52:22	12.2801	5.3232	0.2047
9:52:32	12.7401	5.0405	0.2207
9:52:42	12.8317	5.0036	0.213
9:52:52	12.9978	4.8822	0.2047
9:53:02	13.2858	4.687	0.213



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
9:53:12	13.0263	4.8781	0.2082
9:53:22	12.8335	4.9894	0.1969
9:53:32	12.6907	5.0816	0.2041
9:53:42	12.5568	5.1786	0.1969
9:53:52	12.536	5.1869	0.2029
9:54:02	12.921	4.9215	0.2207
9:54:12	12.8603	4.9709	0.2207
9:54:22	12.7133	5.0602	0.2291
9:54:32	13.1251	4.7567	0.2255
9:54:42	12.9537	4.9299	0.2243
9:54:52	12.5437	5.1602	0.213
9:55:02	12.6847	5.0364	0.213
9:55:12	13.0585	4.7739	0.213
9:55:22	13.1216	4.7483	0.2207
9:55:32	12.9787	4.8525	0.213
9:55:42	12.511	5.1852	0.2207
9:55:52	12.3931	5.2465	0.2207
9:56:02	12.2348	5.3583	0.2207
9:56:12	11.9712	5.5583	0.219
9:56:22	11.5975	5.8475	0.2207
9:56:32	11.4808	5.9148	0.2207
9:56:42	11.5671	5.857	0.2231
9:56:52	11.5939	5.8207	0.2267
9:57:02	11.6338	5.7874	0.2207
9:57:12	11.2809	6.076	0.2207
9:57:22	11.1797	6.1427	0.2291
9:57:32	11.1476	6.1802	0.2291
9:57:42	11.0405	6.279	0.2291
9:57:52	11.3225	6.0213	0.2267
9:58:02	11.8986	5.5613	0.2207
9:58:12	12.2307	5.3137	0.2207
9:58:22	12.2057	5.3435	0.213
9:58:32	11.9635	5.5648	0.2047
9:58:42	11.5993	5.8642	0.2029
9:58:52	11.504	5.9356	0.213
9:59:02	11.4677	5.9558	0.2047
9:59:12	11.5005	5.9368	0.2047
9:59:22	11.5231	5.904	0.2047
9:59:32	11.6891	5.7553	0.2047
9:59:42	12.0819	5.4405	0.188
9:59:52	12.3568	5.2732	0.1898
10:00:02	12.2039	5.3863	0.1898
10:00:12	12.2705	5.3274	0.1898
10:00:22	12.3146	5.303	0.1981

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:00:32	12.0914	5.4881	0.1981
10:00:42	11.8605	5.6761	0.1981
10:00:52	11.8456	5.6767	0.1981
10:01:02	12.0765	5.4845	0.1981
10:01:12	12.5151	5.1738	0.1898
10:01:22	12.8335	4.9685	0.1981
10:01:32	13.137	4.7716	0.1898
10:01:42	13.2245	4.7144	0.1969
10:01:52	13.0722	4.8251	0.2047
10:02:02	12.927	4.9162	0.213
10:02:12	12.78	5.0203	0.2047
10:02:22	12.3092	5.3298	0.2047
10:02:32	12.0992	5.4601	0.2047
10:02:42	12.1676	5.3911	0.2047
10:02:52	12.5264	5.1494	0.1969
10:03:02	12.8317	4.9769	0.1969
10:03:12	12.8758	4.9566	0.2047
10:03:22	12.7687	5.0245	0.2047
10:03:32	12.8734	4.9525	0.1969
10:03:42	13.0359	4.84	0.1969
10:03:52	12.8413	4.9709	0.2154
10:04:02	12.2325	5.3923	0.2291
10:04:12	11.8242	5.7047	0.213
10:04:22	11.8093	5.6993	0.2047
10:04:32	11.9444	5.6041	0.2047
10:04:42	11.901	5.6499	0.2082
10:04:52	11.92	5.6273	0.1993
10:05:02	12.1164	5.4762	0.1898
10:05:12	12.2176	5.4167	0.2047
10:05:22	12.2194	5.4006	0.2047
10:05:32	12.2765	5.3369	0.2059
10:05:42	12.5074	5.1822	0.2047
10:05:52	12.6258	5.1066	0.2047
10:06:02	12.7817	5.0084	0.2047
10:06:12	12.458	5.2363	0.213
10:06:22	12.1735	5.4286	0.1898
10:06:32	12.042	5.5333	0.1821
10:06:42	11.9617	5.5845	0.1821
10:06:52	11.9599	5.5982	0.1898
10:07:02	11.8647	5.6904	0.1981
10:07:12	11.8093	5.7285	0.1969
10:07:22	11.8724	5.6577	0.1969
10:07:32	12.1105	5.4524	0.1898
10:07:42	12.4842	5.2012	0.1969

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:07:52	12.555	5.1715	0.2047
10:08:02	12.4979	5.2096	0.2047
10:08:12	12.5169	5.1875	0.2047
10:08:22	12.78	5.0191	0.2047
10:08:32	12.9079	4.9471	0.213
10:08:42	12.9805	4.9055	0.2047
10:08:52	13.1102	4.8162	0.2047
10:09:02	13.2572	4.7239	0.2047
10:09:12	13.2644	4.7132	0.2047
10:09:22	13.4935	4.5246	0.2047
10:09:32	13.4709	4.5579	0.2005
10:09:42	13.3048	4.6656	0.1946
10:09:52	13.3275	4.6561	0.1821
10:10:02	13.0853	4.8269	0.1969
10:10:12	12.9555	4.9304	0.1957
10:10:22	12.7556	5.0584	0.1898
10:10:32	12.599	5.1322	0.1969
10:10:42	12.4961	5.1917	0.1969
10:10:52	12.1926	5.4137	0.1981
10:11:02	12.0361	5.5357	0.2047
10:11:12	12.2705	5.3304	0.1969
10:11:22	12.4747	5.1988	0.2047
10:11:32	12.4217	5.2488	0.2047
10:11:42	12.2098	5.3982	0.2047
10:11:52	11.973	5.5857	0.1969
10:12:02	11.2523	6.1576	0.2047
10:12:12	10.5959	6.617	0.2047
10:12:22	10.5197	6.6396	0.1981
10:12:32	10.6019	6.589	0.188
10:12:42	10.6649	6.5307	0.1969
10:12:52	10.825	6.4158	0.1969
10:13:02	11.0881	6.2159	0.1969
10:13:12	11.4088	5.982	0.1969
10:13:22	11.6373	5.8195	0.1981
10:13:32	11.7861	5.6975	0.1898
10:13:42	12.0551	5.4821	0.2059
10:13:52	12.267	5.3214	0.2041
10:14:02	12.4044	5.2322	0.1922
10:14:12	12.3527	5.2661	0.1969
10:14:22	11.8474	5.6636	0.2047
10:14:32	11.6225	5.8279	0.1969
10:14:42	11.9331	5.5577	0.1898
10:14:52	12.4425	5.1971	0.1993
10:15:02	12.6961	5.0459	0.2059

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:15:12	12.902	4.9007	0.2082
10:15:22	12.9478	4.9138	0.1993
10:15:32	12.8335	4.9947	0.2047
10:15:42	12.8966	4.959	0.2059
10:15:52	12.9192	4.9441	0.2047
10:16:02	12.5949	5.1619	0.2059
10:16:12	12.3336	5.3143	0.213
10:16:22	12.3872	5.2661	0.2047
10:16:32	12.3473	5.3	0.2059
10:16:42	12.3872	5.2578	0.2047
10:16:52	12.5151	5.1774	0.1946
10:17:02	12.5473	5.1566	0.1743
10:17:12	12.4866	5.1947	0.1821
10:17:22	12.5014	5.1828	0.1898
10:17:32	12.5514	5.1673	0.1981
10:17:42	12.4027	5.2714	0.2047
10:17:52	12.1771	5.4232	0.2047
10:18:02	12.0629	5.4964	0.2059
10:18:12	11.7195	5.7803	0.2059
10:18:22	11.6469	5.8261	0.1898
10:18:32	11.5403	5.9302	0.1969
10:18:42	11.4677	5.9987	0.2047
10:18:52	11.5076	5.9719	0.213
10:19:02	11.6052	5.8963	0.2106
10:19:12	11.7082	5.8178	0.2047
10:19:22	11.9254	5.6232	0.2047
10:19:32	12.3908	5.2685	0.2047
10:19:42	12.3812	5.3214	0.2047
10:19:52	11.8397	5.7707	0.213
10:20:02	11.5517	5.9802	0.2207
10:20:12	11.4451	6.0528	0.2207
10:20:22	11.5267	5.9749	0.2207
10:20:32	11.6873	5.8499	0.2207
10:20:42	11.7082	5.8279	0.213
10:20:52	11.8778	5.691	0.213
10:21:02	11.7808	5.76	0.213
10:21:12	12.1866	5.4208	0.2047
10:21:22	12.0593	5.566	0.2047
10:21:32	11.8742	5.7083	0.213
10:21:42	11.9902	5.6172	0.2047
10:21:52	12.0878	5.5571	0.2047
10:22:02	12.2955	5.3744	0.1898
10:22:12	12.477	5.2441	0.1898
10:22:22	12.1735	5.4904	0.1832

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:22:32	12.023	5.5952	0.1898
10:22:42	12.1962	5.4524	0.1898
10:22:52	12.2824	5.3792	0.1898
10:23:02	12.3836	5.297	0.1898
10:23:12	12.5282	5.1959	0.1898
10:23:22	12.6562	5.1096	0.1821
10:23:32	12.6597	5.1084	0.1821
10:23:42	12.5836	5.1566	0.188
10:23:52	12.6925	5.0846	0.1844
10:24:02	12.7936	5.0096	0.1821
10:24:12	12.9347	4.9049	0.1821
10:24:22	12.9365	4.9162	0.1868
10:24:32	12.1926	5.4458	0.1898
10:24:42	11.8605	5.6856	0.1898
10:24:52	11.5344	5.9517	0.1898
10:25:02	11.6909	5.794	0.1898
10:25:12	11.9944	5.5416	0.1946
10:25:22	12.2592	5.3393	0.1946
10:25:32	12.2842	5.3214	0.1969
10:25:42	12.0022	5.5744	0.2047
10:25:52	11.3362	6.1338	0.213
10:26:02	11.0613	6.3087	0.213
10:26:12	11.1452	6.2195	0.213
10:26:22	11.5802	5.8683	0.2047
10:26:32	11.5326	5.9273	0.213
10:26:42	11.241	6.1718	0.213
10:26:52	11.1131	6.2605	0.219
10:27:02	11.0387	6.3212	0.213
10:27:12	11.0845	6.2962	0.2047
10:27:22	11.1684	6.2391	0.2029
10:27:32	11.2065	6.2123	0.2047
10:27:42	11.2083	6.2034	0.2047
10:27:52	11.2714	6.1588	0.2059
10:28:02	11.2981	6.151	0.2047
10:28:12	11.3285	6.1302	0.2207
10:28:22	11.363	6.0808	0.2047
10:28:32	11.7653	5.7368	0.1993
10:28:42	12.286	5.3256	0.191
10:28:52	12.4747	5.2286	0.2047
10:29:02	12.042	5.5666	0.213
10:29:12	11.5707	5.9409	0.213
10:29:22	11.4011	6.0772	0.213
10:29:32	11.5136	5.9874	0.2047
10:29:42	11.6373	5.9207	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:29:52	11.729	5.8469	0.2047
10:30:02	12.0611	5.5827	0.1969
10:30:12	12.4122	5.3351	0.1969
10:30:22	12.7074	5.1411	0.1969
10:30:32	12.9502	4.9959	0.1969
10:30:42	12.6008	5.2441	0.1969
10:30:52	12.5437	5.2869	0.1969
10:31:02	12.7478	5.1733	0.1969
10:31:12	12.921	5.0673	0.1969
10:31:22	13.2626	4.8346	0.1922
10:31:32	13.7702	4.4645	0.1898
10:31:42	13.9458	4.3675	0.188
10:31:52	13.3352	4.8162	0.191
10:32:02	12.824	5.1435	0.2029
10:32:12	12.6978	5.1953	0.1981
10:32:22	12.8734	5.0691	0.1981
10:32:32	12.9859	4.9929	0.1969
10:32:42	13.1995	4.8299	0.1969
10:32:52	12.9823	4.9941	0.213
10:33:02	12.658	5.2	0.2047
10:33:12	12.6104	5.2125	0.2047
10:33:22	12.8603	5.028	0.1969
10:33:32	12.9287	4.9709	0.1969
10:33:42	12.9787	4.931	0.1898
10:33:52	13.0585	4.8876	0.1946
10:34:02	12.6925	5.1256	0.2047
10:34:12	12.4366	5.2828	0.2029
10:34:22	12.414	5.2899	0.1898
10:34:32	12.2116	5.4405	0.1981
10:34:42	12.0837	5.5303	0.2047
10:34:52	12.2348	5.4113	0.213
10:35:02	12.2878	5.3756	0.213
10:35:12	12.2348	5.3964	0.1957
10:35:22	12.4235	5.2595	0.2029
10:35:32	12.1735	5.4559	0.213
10:35:42	11.9998	5.5875	0.213
10:35:52	12.1563	5.4458	0.2047
10:36:02	12.3646	5.2905	0.1969
10:36:12	12.4425	5.2405	0.2047
10:36:22	12.58	5.1352	0.1969
10:36:32	12.7782	5.0215	0.1969
10:36:42	12.6121	5.1512	0.1969
10:36:52	12.1277	5.4928	0.2047
10:37:02	11.5766	5.9392	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:37:12	11.3916	6.0475	0.2047
10:37:22	11.7558	5.7452	0.2005
10:37:32	12.311	5.3083	0.1969
10:37:42	12.5895	5.1435	0.1898
10:37:52	12.4842	5.2256	0.1969
10:38:02	12.1581	5.4476	0.1969
10:38:12	11.6296	5.8767	0.1969
10:38:22	11.4505	6.007	0.1969
10:38:32	11.5421	5.9362	0.1773
10:38:42	11.3535	6.0957	0.1743
10:38:52	11.6243	5.863	0.1898
10:39:02	12.0188	5.5577	0.1821
10:39:12	11.9426	5.6571	0.1868
10:39:22	11.6546	5.9017	0.2029
10:39:32	11.4505	6.0653	0.1934
10:39:42	11.7236	5.8261	0.1898
10:39:52	11.9885	5.6315	0.1898
<b>End Run 3A</b>	<b>12.29256</b>	<b>5.377501</b>	<b>0.209964</b>
10:40:02	12.0188	5.6005	0.1821
10:40:12	12.2348	5.4149	0.1743
10:40:22	12.3622	5.3113	0.1821
10:40:32	12.6717	5.1149	0.1821
10:40:42	12.818	5.0334	0.1898
10:40:52	12.3164	5.3821	0.1898
10:41:02	11.7236	5.8439	0.1821
10:41:12	11.588	5.9356	0.1821
10:41:22	11.6546	5.8791	0.1969
10:41:32	11.8189	5.7571	0.2047
10:41:42	12.1408	5.5137	1.0426
10:41:52	9.6747	3.6593	1.9858
10:42:02	0.3933	0.3142	0.0446
10:42:12	0.2154	0.2124	0.0023
10:42:22	0.1583	0.1654	-0.0114
10:42:32	0.1166	0.1321	-0.0215
10:42:42	0.0934	0.1154	-0.034
10:42:52	0.0761	0.1041	-0.0399
10:43:02	0.0571	0.0785	-0.05
<b>Zero Bias</b>	<b>0.075533</b>	<b>0.099333</b>	<b>-0.0413</b>
10:43:12	0.0553	0.0702	-0.0459
10:43:22	6.8937	2.5631	0.2689
10:43:32	7.1913	6.0421	0.0148
10:43:42	9.8044	9.5551	-0.0114

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
10:43:52	9.8901	9.6925	-0.0114
10:44:02	9.9187	9.7526	-0.0114
10:44:12	9.9401	9.7883	-0.0137
10:44:22	9.955	9.8086	-0.034
10:44:32	9.9627	9.8264	-0.034
10:44:42	9.9704	9.8371	-0.034
<b>O2/CO2 Bias</b>	<b>9.9627</b>	<b>9.824033</b>	<b>-0.034</b>
10:44:52	9.9722	9.8455	-0.05
10:45:02	9.974	9.8502	0.0755
10:45:12	11.3285	6.47	0.5302
10:45:22	11.4523	6.1546	0.4338
10:45:32	11.5023	6.0504	0.3695
10:45:42	11.7885	5.7737	0.3171
10:45:52	12.1509	5.4857	0.2886
10:46:02	12.2652	5.3905	0.2553
10:46:12	12.5134	5.203	0.2451
10:46:22	12.6502	5.1161	0.2368
10:46:32	12.7532	5.0524	0.2291
10:46:42	12.3664	5.3226	0.2243
10:46:52	11.9563	5.6416	0.2291
10:47:02	11.8474	5.7184	0.2207
10:47:12	11.9391	5.6368	0.2207
10:47:22	12.1795	5.4369	0.2118
10:47:32	12.3354	5.3351	0.2047
10:47:42	12.1372	5.5029	0.213
10:47:52	12.1313	5.4934	0.2047
10:48:02	12.0629	5.5625	0.1981
10:48:12	11.8016	5.7797	0.2029
10:48:22	11.7808	5.7749	0.2082
10:48:32	12.2479	5.3762	0.1969
10:48:42	12.599	5.1625	0.1898
10:48:52	12.1926	5.4678	0.1969
10:49:02	11.6969	5.841	0.2047
10:49:12	11.7385	5.794	0.1969
10:49:22	11.8189	5.744	0.1969
10:49:32	12.0974	5.5089	0.1922
10:49:42	12.3664	5.3244	0.1993
10:49:52	12.0765	5.5797	0.2047
<b>Start Run 4A</b>			
10:50:02	12.2057	5.4357	0.2029
10:50:12	12.4866	5.2524	0.1898
10:50:22	11.998	5.6333	0.1969



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:50:32	11.6701	5.8588	0.2047
10:50:42	11.8016	5.7315	0.2047
10:50:52	11.7998	5.7553	0.188
10:51:02	12.0248	5.5607	0.1821
10:51:12	12.2152	5.4309	0.1898
10:51:22	12.1087	5.5196	0.1969
10:51:32	12.1027	5.5119	0.1898
10:51:42	12.1658	5.4476	0.1898
10:51:52	12.1849	5.4369	0.191
10:52:02	12.2212	5.3934	0.1898
10:52:12	12.3092	5.3202	0.1898
10:52:22	12.1146	5.4952	0.1898
10:52:32	11.685	5.8392	0.1898
10:52:42	11.6147	5.8707	0.1969
10:52:52	11.7403	5.7767	0.2047
10:53:02	11.7385	5.791	0.2047
10:53:12	11.8683	5.694	0.1969
10:53:22	11.9581	5.6339	0.2047
10:53:32	11.6814	5.8606	0.2047
10:53:42	11.7522	5.766	0.213
10:53:52	12.12	5.4541	0.2047
10:54:02	11.9944	5.5714	0.1922
10:54:12	11.7826	5.7237	0.1821
10:54:22	11.5534	5.913	0.1821
10:54:32	11.4487	5.9749	0.1856
10:54:42	11.6106	5.8332	0.1821
10:54:52	11.8337	5.6577	0.1868
10:55:02	11.876	5.641	0.1969
10:55:12	11.5707	5.8898	0.1821
10:55:22	11.3207	6.0719	0.1821
10:55:32	11.4564	5.9362	0.1821
10:55:42	11.6778	5.7922	0.1797
10:55:52	11.5005	5.9445	0.1743
10:56:02	11.5213	5.9177	0.1821
10:56:12	11.5136	5.9386	0.1898
10:56:22	11.7808	5.7178	0.1821
10:56:32	12.1051	5.4595	0.1821
10:56:42	12.2878	5.3244	0.1821
10:56:52	12.4675	5.2054	0.1898
10:57:02	12.5247	5.1917	0.1898
10:57:12	12.0932	5.5166	0.1898
10:57:22	11.6564	5.8588	0.1898
10:57:32	11.382	6.0588	0.1898
10:57:42	11.5939	5.8666	0.1821

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
10:57:52	12.0248	5.5053	0.1821
10:58:02	12.2098	5.3708	0.1821
10:58:12	11.9807	5.591	0.1898
10:58:22	11.3856	6.0737	0.1969
10:58:32	11.0672	6.3171	0.1969
10:58:42	11.0595	6.3177	0.1821
10:58:52	11.222	6.2052	0.1844
10:59:02	11.3666	6.0856	0.1898
10:59:12	11.607	5.8981	0.1898
10:59:22	11.4374	6.0445	0.1898
10:59:32	11.4868	5.9802	0.1957
10:59:42	11.6546	5.8558	0.1898
10:59:52	11.6891	5.8237	0.1821
11:00:02	11.6796	5.8362	0.1898
11:00:12	11.6546	5.8606	0.1898
11:00:22	11.4047	6.0713	0.1821
11:00:32	11.2255	6.1808	0.1969
11:00:42	11.5957	5.8624	0.1969
11:00:52	11.7445	5.7577	0.2047
11:01:02	11.6754	5.8112	0.1898
11:01:12	11.6201	5.8791	0.1773
11:01:22	11.2904	6.1718	0.1898
11:01:32	11.0613	6.3307	0.1898
11:01:42	11.1624	6.2278	0.1868
11:01:52	11.7195	5.788	0.1821
11:02:02	11.8665	5.7071	0.1821
11:02:12	12.0057	5.6041	0.1821
11:02:22	12.1813	5.4708	0.1844
11:02:32	11.8433	5.766	0.1898
11:02:42	11.7635	5.7975	0.2047
11:02:52	11.8147	5.7612	0.1957
11:03:02	11.8302	5.7344	0.1969
11:03:12	11.9468	5.6452	0.1898
11:03:22	11.6296	5.9237	0.1898
11:03:32	11.5534	5.9778	0.1898
11:03:42	11.5862	5.9493	0.1821
11:03:52	11.7748	5.8035	0.1821
11:04:02	11.6528	5.9035	0.1821
11:04:12	11.6623	5.8844	0.1898
11:04:22	11.7998	5.7886	0.1898
11:04:32	11.7498	5.8428	0.1821
11:04:42	11.8724	5.7285	0.1898
11:04:52	12.3527	5.3357	0.1821
11:05:02	12.6693	5.1298	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:05:12	12.5514	5.2298	0.1898
11:05:22	12.2116	5.4774	0.1969
11:05:32	12.0724	5.5982	0.1969
11:05:42	12.1622	5.5053	0.1969
11:05:52	12.5681	5.2066	0.1969
11:06:02	12.6961	5.1358	0.1969
11:06:12	12.2229	5.4791	0.1969
11:06:22	11.6338	5.9398	0.2047
11:06:32	11.4755	6.0397	0.2047
11:06:42	11.5457	5.9909	0.2047
11:06:52	11.479	6.0385	0.2047
11:07:02	11.6052	5.9332	0.2047
11:07:12	11.8397	5.7463	0.1969
11:07:22	12.1408	5.4976	0.1969
11:07:32	12.242	5.4303	0.1969
11:07:42	12.1313	5.5369	0.1969
11:07:52	11.87	5.738	0.1969
11:08:02	11.9754	5.6345	0.1957
11:08:12	12.3664	5.3197	0.1898
11:08:22	12.6883	5.1114	0.1898
11:08:32	12.8984	4.9632	0.1868
11:08:42	12.921	4.9632	0.1898
11:08:52	12.3717	5.3441	0.1969
11:09:02	11.8433	5.7577	0.1898
11:09:12	11.9617	5.6386	0.1898
11:09:22	12.2098	5.4518	0.1821
11:09:32	12.4158	5.2935	0.188
11:09:42	12.8466	5.0269	0.1761
11:09:52	12.6925	5.15	0.1922
11:10:02	12.1527	5.5381	0.1922
11:10:12	11.651	5.9279	0.2047
11:10:22	11.51	6.0165	0.2047
11:10:32	11.5689	5.9576	0.1969
11:10:42	11.7593	5.8094	0.1969
11:10:52	11.7843	5.8029	0.2047
11:11:02	11.6034	5.9653	0.2047
11:11:12	11.4124	6.1022	0.1957
11:11:22	11.3154	6.1718	0.1844
11:11:32	11.5195	6.0005	0.1821
11:11:42	11.87	5.7196	0.1969
11:11:52	12.0783	5.5684	0.1969
11:12:02	12.4616	5.272	0.1969
11:12:12	12.8776	4.9959	0.1969
11:12:22	12.971	4.9465	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:12:32	12.9424	4.9602	0.1969
11:12:42	12.7383	5.1042	0.1922
11:12:52	12.3414	5.3649	0.2047
11:13:02	12.1087	5.5577	0.2047
11:13:12	12.0075	5.6357	0.1969
11:13:22	12.0896	5.5613	0.2029
11:13:32	12.145	5.5244	0.1809
11:13:42	11.9081	5.7303	0.1684
11:13:52	11.8819	5.7303	0.1821
11:14:02	12.3836	5.3119	0.1743
11:14:12	12.805	5.0417	0.1743
11:14:22	12.7193	5.1245	0.1761
11:14:32	12.2652	5.444	0.1832
11:14:42	12.1866	5.4815	0.1898
11:14:52	12.0152	5.6493	0.1898
11:15:02	11.5749	5.9987	0.188
11:15:12	11.4314	6.085	0.1821
11:15:22	11.601	5.9558	0.1743
11:15:32	11.895	5.7112	0.166
11:15:42	12.0837	5.5767	0.1583
11:15:52	12.3318	5.3661	0.16
11:16:02	12.1313	5.5595	0.1821
11:16:12	11.8302	5.7934	0.1898
11:16:22	11.8456	5.7666	0.1821
11:16:32	11.9028	5.7065	0.1898
11:16:42	12.0456	5.5821	0.1898
11:16:52	11.6778	5.8868	0.1821
11:17:02	11.4297	6.0606	0.1821
11:17:12	11.4451	6.0409	0.1821
11:17:22	11.2636	6.1843	0.1898
11:17:32	11.1797	6.2439	0.1898
11:17:42	11.2749	6.1629	0.1821
11:17:52	11.4642	6.0171	0.1821
11:18:02	11.6909	5.8303	0.1821
11:18:12	11.9867	5.5946	0.1797
11:18:22	11.9081	5.6559	0.1898
11:18:32	11.5439	5.9427	0.1898
11:18:42	11.2714	6.1427	0.1946
11:18:52	11.2464	6.1695	0.1898
11:19:02	11.5023	5.9534	0.1946
11:19:12	12.0932	5.466	0.1898
11:19:22	12.5151	5.1762	0.1868
11:19:32	12.5877	5.1381	0.1898
11:19:42	12.3051	5.3387	0.1898

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:19:52	12.1122	5.5006	0.1898
11:20:02	12.189	5.4172	0.1898
11:20:12	12.3854	5.2655	0.188
11:20:22	12.2289	5.3881	0.1821
11:20:32	11.7956	5.7416	0.1821
11:20:42	11.7272	5.7844	0.1821
11:20:52	11.8129	5.7356	0.1821
11:21:02	11.601	5.9219	0.1797
11:21:12	11.4374	6.0445	0.1821
11:21:22	11.4505	6.0171	0.1821
11:21:32	11.6737	5.8279	0.1761
11:21:42	11.876	5.6839	0.1821
11:21:52	12.2057	5.4095	0.1797
11:22:02	12.2938	5.3542	0.1821
11:22:12	12.1122	5.5065	0.1821
11:22:22	11.626	5.9088	0.1821
11:22:32	11.216	6.1986	0.1898
11:22:42	11.0863	6.2897	0.1898
11:22:52	11.26	6.1546	0.1821
11:23:02	11.92	5.6154	0.1743
11:23:12	12.3545	5.2851	0.1761
11:23:22	12.6467	5.103	0.1821
11:23:32	12.5014	5.1971	0.1743
11:23:42	12.5973	5.1233	0.1684
11:23:52	12.6621	5.1215	0.1743
11:24:02	12.5645	5.203	0.1761
11:24:12	12.3741	5.3381	0.1821
11:24:22	12.2253	5.4506	0.1773
11:24:32	12.5723	5.1923	0.1743
11:24:42	12.9043	4.984	0.1743
11:24:52	13.1466	4.8067	0.1743
11:25:02	13.1692	4.8049	0.1809
11:25:12	12.946	4.9489	0.1797
11:25:22	12.4122	5.3036	0.1821
11:25:32	12.0629	5.5559	0.1832
11:25:42	12.2325	5.4012	0.1821
11:25:52	12.3622	5.3113	0.1761
11:26:02	12.3283	5.3441	0.1898
11:26:12	12.4407	5.2673	0.188
11:26:22	12.3872	5.3161	0.1821
11:26:32	12.4027	5.2917	0.1797
11:26:42	12.5663	5.1828	0.1761
11:26:52	12.292	5.3774	0.1821
11:27:02	12.3545	5.3202	0.1821

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:27:12	12.6139	5.153	0.1868
11:27:22	12.1866	5.4982	0.1898
11:27:32	11.6469	5.9344	0.1898
11:27:42	11.6891	5.866	0.1821
11:27:52	12.0593	5.5607	0.166
11:28:02	12.5723	5.1935	0.1648
11:28:12	12.746	5.0917	0.1511
11:28:22	12.5134	5.2393	0.1672
11:28:32	12.2057	5.4655	0.1743
11:28:42	11.7141	5.8725	0.1743
11:28:52	11.4064	6.1177	0.1743
11:29:02	11.4332	6.0796	0.1821
11:29:12	11.6338	5.9112	0.1743
11:29:22	11.9218	5.691	0.1743
11:29:32	11.9962	5.6327	0.1743
11:29:42	12.0706	5.5678	0.1743
11:29:52	12.2634	5.4172	0.166
11:30:02	12.1622	5.5012	0.166
11:30:12	11.8361	5.7785	0.1743
11:30:22	11.7921	5.7987	0.1672
11:30:32	12.2307	5.4411	0.1672
11:30:42	12.7722	5.0763	0.1672
11:30:52	12.9954	4.9489	0.166
11:31:02	12.7746	5.1001	0.1719
11:31:12	12.8163	5.062	0.1743
11:31:22	12.8145	5.0655	0.1797
11:31:32	12.5378	5.2494	0.1743
11:31:42	12.2384	5.4446	0.1743
11:31:52	12.0974	5.5339	0.1743
11:32:02	12.2444	5.3893	0.1719
11:32:12	12.1813	5.4607	0.1743
11:32:22	11.9159	5.6684	0.1821
11:32:32	11.9694	5.647	0.1898
11:32:42	12.0974	5.5422	0.1898
11:32:52	11.992	5.6172	0.1898
11:33:02	12.1962	5.4327	0.1898
11:33:12	12.1985	5.4351	0.188
11:33:22	12.0551	5.5666	0.166
11:33:32	11.9504	5.6583	0.166
11:33:42	11.8224	5.7582	0.1696
11:33:52	12.1408	5.4732	0.166
11:34:02	12.2497	5.4	0.1797
11:34:12	12.1069	5.519	0.1898
11:34:22	11.8415	5.7225	0.1797

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:34:32	12.0724	5.5143	0.166
11:34:42	12.1009	5.5137	0.1821
11:34:52	11.9141	5.663	0.1821
11:35:02	11.9599	5.5875	0.1672
11:35:12	12.2229	5.3845	0.166
11:35:22	11.8605	5.7112	0.1749
11:35:32	11.4183	6.0558	0.1743
11:35:42	11.2481	6.1855	0.1743
11:35:52	11.3017	6.1469	0.1743
11:36:02	11.2922	6.1582	0.1594
11:36:12	11.5939	5.907	0.16
11:36:22	12.0861	5.4964	0.166
11:36:32	12.3931	5.2822	0.166
11:36:42	12.2021	5.4494	0.166
11:36:52	11.7349	5.8279	0.1749
11:37:02	11.3874	6.0951	0.1743
11:37:12	11.3398	6.1254	0.1749
11:37:22	11.5802	5.9332	0.1749
11:37:32	11.9063	5.641	0.1743
11:37:42	12.2973	5.3226	0.1761
11:37:52	12.511	5.1929	0.1898
11:38:02	12.4288	5.2685	0.1844
11:38:12	11.9426	5.647	0.1821
11:38:22	11.7403	5.7898	0.1743
11:38:32	11.632	5.8773	0.1821
11:38:42	11.8724	5.6589	0.1821
11:38:52	12.3854	5.2673	0.1821
11:39:02	12.6008	5.1489	0.1898
11:39:12	12.5663	5.1637	0.1821
11:39:22	12.3283	5.3149	0.1821
11:39:32	11.9885	5.5744	0.1821
11:39:42	11.7921	5.7362	0.1821
11:39:52	11.9331	5.5988	0.1821
11:40:02	12.1087	5.4595	0.1922
11:40:12	12.0664	5.5	0.1922
11:40:22	11.6338	5.8535	0.191
11:40:32	11.3344	6.0939	0.1898
11:40:42	11.4713	5.9802	0.1898
11:40:52	11.832	5.6821	0.1898
11:41:02	12.2592	5.3488	0.1898
11:41:12	12.3604	5.2893	0.1969
11:41:22	12.4425	5.2304	0.1898
11:41:32	12.5895	5.1322	0.1898
11:41:42	12.6407	5.0917	0.1922

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:41:52	12.4556	5.2256	0.1821
11:42:02	12.1735	5.4309	0.1821
11:42:12	12.0646	5.5178	0.1844
11:42:22	12.1849	5.4125	0.1898
11:42:32	11.8206	5.7362	0.1898
11:42:42	11.2904	6.1558	0.1821
11:42:52	11.0577	6.3224	0.1821
11:43:02	11.2773	6.1427	0.1821
11:43:12	11.6588	5.8439	0.1898
11:43:22	11.685	5.838	0.1898
11:43:32	11.7254	5.8011	0.1898
11:43:42	11.3969	6.0719	0.1898
11:43:52	11.05	6.3278	0.1898
11:44:02	11.0042	6.351	0.1898
11:44:12	10.9774	6.3611	0.1922
11:44:22	11.1988	6.1873	0.1821
11:44:32	11.3285	6.1034	0.1743
11:44:42	11.4183	6.0207	0.166
11:44:52	12.0629	5.5041	0.1636
11:45:02	12.286	5.3583	0.166
11:45:12	11.8647	5.7196	0.1821
11:45:22	11.4642	6.0195	0.1821
11:45:32	11.5975	5.9046	0.1821
11:45:42	11.7826	5.7547	0.1898
11:45:52	11.9849	5.5851	0.1821
11:46:02	11.9081	5.6839	0.188
11:46:12	11.5957	5.9183	0.1743
11:46:22	11.632	5.8689	0.1821
11:46:32	11.9998	5.5583	0.1821
11:46:42	12.2325	5.3613	0.1743
11:46:52	12.3568	5.2875	0.1797
11:47:02	11.9563	5.6208	0.1898
11:47:12	11.5421	5.9374	0.1898
11:47:22	11.7213	5.7767	0.1969
11:47:32	11.729	5.7743	0.1969
11:47:42	11.4505	6.0016	0.1898
11:47:52	11.216	6.1832	0.1898
11:48:02	11.0214	6.3397	0.1856
11:48:12	11.1285	6.2427	0.1773
11:48:22	11.4523	5.9856	0.1821
11:48:32	11.6373	5.8451	0.1821
11:48:42	11.7653	5.7582	0.1785
11:48:52	11.7254	5.7975	0.1821
11:49:02	12.0956	5.4922	0.1743



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:49:12	12.4027	5.2744	0.1761
11:49:22	12.4806	5.225	0.1898
11:49:32	12.3318	5.3244	0.1821
11:49:42	11.7939	5.7743	0.1844
11:49:52	11.344	6.126	0.1821
11:50:02	11.1624	6.2564	0.1743
11:50:12	11.1398	6.2617	0.1785
11:50:22	11.1684	6.2397	0.1821
11:50:32	11.5171	5.9576	0.1898
11:50:42	11.9349	5.6208	0.1761
11:50:52	12.1485	5.4595	0.166
11:51:02	11.876	5.7089	0.166
11:51:12	11.6356	5.9058	0.166
11:51:22	11.2315	6.2201	0.1743
11:51:32	11.0881	6.3087	0.1743
11:51:42	11.504	5.985	0.1821
11:51:52	11.7903	5.7713	0.1821
11:52:02	11.9331	5.6624	0.1821
11:52:12	11.6165	5.9445	0.1898
11:52:22	11.2291	6.2308	0.1969
11:52:32	11.2618	6.1873	0.1743
11:52:42	11.3934	6.0844	0.1743
11:52:52	11.6397	5.8981	0.1743
11:53:02	11.7861	5.7904	0.1821
11:53:12	12.1009	5.5416	0.1743
11:53:22	11.992	5.6624	0.16
11:53:32	11.901	5.7237	0.166
11:53:42	12.2878	5.3893	0.166
11:53:52	12.408	5.3316	0.1743
11:54:02	12.1337	5.5506	0.1743
11:54:12	12.0629	5.5946	0.1743
11:54:22	12.0569	5.6172	0.1594
11:54:32	12.2194	5.4881	0.16
11:54:42	12.4027	5.3476	0.1821
11:54:52	12.5437	5.2637	0.1821
<b>End Run 4B</b>	<b>11.93219</b>	<b>5.658237</b>	<b>0.184197</b>
11:55:02	12.5568	5.2512	0.1743
11:55:12	12.4556	5.328	0.1785
11:55:22	12.189	5.5529	0.1719
11:55:32	12.2081	5.522	0.1636
11:55:42	12.4556	5.3191	0.166
11:55:52	12.5473	5.2625	0.1719
11:56:02	12.4824	5.2982	0.1773

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
11:56:12	12.3414	5.3982	0.3826
11:56:22	16.0305	1.0997	1.3449
11:56:32	0.5302	0.2505	0.0642
11:56:42	0.2559	0.1761	-0.0036
11:56:52	0.1832	0.135	-0.0274
11:57:02	0.1469	0.113	-0.0423
11:57:12	0.1184	0.0976	-0.05
11:57:22	0.0976	0.0862	-0.0572
11:57:32	0.0761	0.091	-0.0114
11:57:42	0.0595	0.088	-0.0036
11:57:52	0.0535	0.0833	0.0047
11:58:02	0.0422	0.0773	0.0083
<b>Zero Bias</b>	<b>0.051733</b>	<b>0.082867</b>	<b>0.003133</b>
11:58:12	0.0345	0.0708	0.0505
11:58:22	10.6989	4.3568	0.4647
11:58:32	8.2845	8.4351	0.0857
11:58:42	9.8615	9.6681	0.0446
11:58:52	9.9169	9.7633	0.0345
11:59:02	9.9401	9.802	0.0184
11:59:12	9.9514	9.8258	0.0232
11:59:22	9.9472	9.8359	0.0184
11:59:32	9.9609	9.8538	0.0184
11:59:42	9.9609	9.8627	0.0196
11:59:52	9.9645	9.8687	0.0196
<b>O2/CO2 Bias</b>	<b>9.9621</b>	<b>9.861733</b>	<b>0.0192</b>
12:00:02	9.9764	9.874	0.0196
12:00:12	10.5179	7.6293	0.3457
12:00:22	11.1434	6.2855	0.4005
12:00:32	10.9315	6.708	0.3088
12:00:42	10.8822	6.8092	1.2979
12:00:52	19.559	0.4564	18.3027
12:01:02	20.341	0.2719	22.9765
12:01:12	20.4442	0.1832	24.0843
12:01:22	20.4634	0.1541	24.3396
12:01:32	20.5147	0.1178	24.463
12:01:42	20.5182	0.11	24.534
12:01:52	20.5339	0.0946	24.5979
12:02:02	20.5359	0.0916	24.6276
12:02:12	20.547	0.0803	24.6553
12:02:22	20.5359	0.0904	24.6735
12:02:32	20.5585	0.0642	24.6815
<b>THC Span Bias 24.7</b>	<b>20.54713</b>	<b>0.0783</b>	<b>24.6701</b>

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
12:02:42	20.5681	0.0559	24.6735
12:02:52	20.5565	0.0618	22.758
12:03:02	16.3244	2.5375	11.651
12:03:12	20.3697	0.1166	14.9331
12:03:22	20.4669	0.0797	14.9093
12:03:32	20.4785	0.0678	14.9652
12:03:42	20.4936	0.0559	14.9825
12:03:52	20.4996	0.0529	15.0051
12:04:02	20.5011	0.0505	15.0283
12:04:12	20.4956	0.0559	15.0283
12:04:22	20.5072	0.0464	15.0307
<b>THC Mid Bias 14.8</b>	<b>20.5013</b>	<b>0.050933</b>	<b>15.0291</b>
12:04:32	20.4996	0.0446	14.4124
12:04:42	13.5358	4.8697	6.1367
12:04:52	20.3642	0.1285	8.7154
12:05:02	20.5585	0.072	8.4684
12:05:12	20.5701	0.0553	8.5208
12:05:22	20.5777	0.0476	8.5368
12:05:32	20.5812	0.0458	8.5505
12:05:42	20.5832	0.0446	8.5428
12:05:52	20.5852	0.0434	8.5446
12:06:02	20.5908	0.0446	8.5446
<b>THC Low Bias 8.43</b>	<b>20.5864</b>	<b>0.0442</b>	<b>8.544</b>
12:06:12	20.5908	0.0446	8.5606
12:06:22	20.5661	0.0571	7.177
12:06:32	13.3179	4.7513	0.9968
12:06:42	12.7437	4.9013	0.4635
12:06:52	12.5818	4.9906	0.413
12:07:02	12.6044	4.9763	0.379
13:13:02	16.309	2.459	1.5954
13:13:12	1.6407	0.2136	0.2612
13:13:22	0.1624	0.1124	0.0321
13:13:32	0.0934	0.0862	0.0023
13:13:42	0.0571	0.0708	-0.0125
13:13:52	0.0404	0.0618	-0.0114
13:14:02	0.0363	0.0583	-0.0114
13:14:12	0.0267	0.0517	-0.0114
<b>Zero Bias</b>	<b>0.034467</b>	<b>0.057267</b>	<b>-0.0114</b>
13:14:22	0.0172	0.0511	-0.0191

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
13:14:32	8.1696	4.3383	0.2666
13:14:42	11.1244	0.3636	5.791
13:14:52	19.8642	0.0827	14.3005
13:15:02	20.1925	0.0595	14.7319
13:15:12	20.2514	0.0505	14.795
13:15:22	20.2876	0.0452	14.826
13:15:32	20.3088	0.0422	14.8557
13:15:42	20.3163	0.0404	14.8712
13:15:52	20.3163	0.0392	14.8872
13:16:02	20.3355	0.038	14.8956
<b>THC Mid Bias</b>	<b>20.3227</b>	<b>0.0392</b>	<b>14.88467</b>
13:16:12	20.341	0.0374	14.9021
13:16:22	19.9633	0.2832	11.8718
13:16:32	12.6693	5.2524	1.2027
13:16:42	12.267	5.4333	0.3939
13:16:52	11.9373	5.7041	0.3356
13:17:02	11.8189	5.8047	0.2933
13:17:12	11.8052	5.8017	0.2749
13:17:22	11.8534	5.791	0.2541
13:17:32	11.9426	5.7219	0.2344
13:17:42	11.9409	5.6868	0.2267
13:17:52	11.7445	5.8856	0.2166
13:18:02	11.6373	5.9368	0.213
13:18:12	11.7177	5.866	0.213
13:18:22	11.7808	5.81	0.1969
13:18:32	11.8605	5.769	0.2047
13:18:42	11.7159	5.9165	0.2047
13:18:52	11.5671	6.0255	0.2047
13:19:02	11.601	5.9844	0.2047
13:19:12	11.7635	5.8362	0.2047
13:19:22	11.876	5.7785	0.2082
13:19:32	11.9159	5.7904	0.1969
13:19:42	11.7254	5.9427	0.1969
13:19:52	11.7004	5.9427	0.1993
13:20:02	11.8129	5.8469	0.2029
13:20:12	11.8629	5.8094	0.1993
13:20:22	11.8932	5.7797	0.2047
13:20:32	12.017	5.691	0.2041
13:20:42	11.7939	5.9165	0.1969
13:20:52	11.632	6.0141	0.2047
13:21:02	11.7117	5.9183	0.2047
13:21:12	12.0515	5.6505	0.2047
13:21:22	12.2152	5.5714	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:21:32	12.2081	5.5964	0.1969
13:21:42	12.1355	5.6868	0.1898
13:21:52	12.0861	5.7219	0.1969
13:22:02	12.0837	5.71	0.1969
13:22:12	12.0837	5.7112	0.1969
13:22:22	12.1908	5.6232	0.1969
13:22:32	12.2688	5.575	0.1969
13:22:42	12.3259	5.522	0.2047
13:22:52	12.3741	5.4797	0.1969
13:23:02	12.4675	5.3827	0.2047
13:23:12	12.6121	5.2905	0.2047
13:23:22	12.8014	5.1738	0.2071
13:23:32	12.9573	5.1006	0.213
13:23:42	12.7437	5.2762	0.2106
13:23:52	12.6389	5.3125	0.2071
13:24:02	12.8395	5.1619	0.2047
13:24:12	13.118	4.9715	0.2029
13:24:22	13.2477	4.8918	0.1969
13:24:32	13.1614	4.984	0.1969
13:24:42	12.7722	5.2595	0.2047
13:24:52	12.6693	5.3	0.2047
13:25:02	12.5973	5.3786	0.2047
13:25:12	12.5491	5.3964	0.2047
13:25:22	12.8924	5.1298	0.2047
13:25:32	13.1293	5.0013	0.1969
13:25:42	12.868	5.1929	0.2047
13:25:52	12.5074	5.4167	0.2047
13:26:02	12.3354	5.5369	0.1969
13:26:12	12.3241	5.5571	0.2047
13:26:22	12.2973	5.5785	0.2047
13:26:32	12.3146	5.5625	0.2047
13:26:42	12.3812	5.4791	0.2047
13:26:52	12.3068	5.5517	0.2047
13:27:02	12.1581	5.6333	0.2047
13:27:12	12.3646	5.4018	0.1993
13:27:22	12.2938	5.5202	0.213
13:27:32	11.9998	5.76	0.2207
13:27:42	11.8534	5.8654	0.213
13:27:52	11.7593	5.9195	0.2047
13:28:02	11.6969	5.9475	0.213
13:28:12	11.5802	6.0338	0.2047
13:28:22	11.485	6.0856	0.213
13:28:32	11.5136	6.0618	0.2207
13:28:42	11.5594	6.0302	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:28:52	11.5344	6.0588	0.2207
13:29:02	11.6373	5.9207	0.2059
13:29:12	11.7808	5.838	0.1969
13:29:22	11.504	6.076	0.1898
13:29:32	11.3362	6.1933	0.2047
13:29:42	11.3761	6.1403	0.2047
13:29:52	11.4695	6.0713	0.2047
13:30:02	11.3898	6.1522	0.2047
13:30:12	11.2047	6.2885	0.2106
13:30:22	11.1738	6.2903	0.2082
13:30:32	11.3094	6.1855	0.2047
13:30:42	11.5362	5.9909	0.2005
13:30:52	11.9504	5.6327	0.2047
13:31:02	12.4806	5.2411	0.2106
13:31:12	12.5836	5.203	0.1898
13:31:22	12.6544	5.1465	0.2047
13:31:32	12.7746	5.0763	0.2047
13:31:42	12.3545	5.4309	0.2154
13:31:52	11.8397	5.8398	0.213
13:32:02	11.6945	5.9177	0.2082
13:32:12	11.6493	5.9689	0.2047
13:32:22	11.2672	6.2671	0.2047
13:32:32	11.0654	6.3968	0.2047
13:32:42	11.1476	6.2831	0.213
13:32:52	11.5844	5.929	0.2047
13:33:02	11.6147	5.979	0.1898
13:33:12	11.3951	6.1385	0.191
13:33:22	11.3969	6.1361	0.1898
13:33:32	11.3321	6.2373	0.2005
13:33:42	11.2446	6.3153	0.1969
13:33:52	11.2333	6.3075	0.1981
13:34:02	11.6641	5.9445	0.2047
13:34:12	12.0611	5.6636	0.2047
13:34:22	12.4634	5.3667	0.1969
13:34:32	12.7722	5.1828	0.1969
13:34:42	12.8526	5.1679	0.1981
13:34:52	12.6199	5.3381	0.1981
<b>Start Run 3B</b>			
13:35:02	12.5169	5.4089	0.2047
13:35:12	12.6199	5.322	0.1981
13:35:22	12.746	5.2554	0.2047
13:35:32	12.805	5.2006	0.2047
13:35:42	13.0073	5.0626	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:35:52	12.9061	5.1637	0.2207
13:36:02	12.7074	5.3006	0.2207
13:36:12	12.4937	5.4488	0.213
13:36:22	12.3759	5.544	0.213
13:36:32	12.3586	5.541	0.213
13:36:42	12.5645	5.3494	0.2071
13:36:52	12.8544	5.1489	0.213
13:37:02	13.1466	4.9703	0.2047
13:37:12	12.927	5.1471	0.2106
13:37:22	12.8371	5.1768	0.213
13:37:32	12.8371	5.1828	0.2207
13:37:42	12.78	5.2197	0.2207
13:37:52	12.6788	5.281	0.2207
13:38:02	12.5586	5.3476	0.219
13:38:12	12.4485	5.4262	0.213
13:38:22	12.4235	5.425	0.2047
13:38:32	12.4485	5.3964	0.1969
13:38:42	12.458	5.3798	0.2047
13:38:52	12.439	5.3899	0.1969
13:39:02	12.3812	5.4309	0.1969
13:39:12	12.4348	5.3583	0.1969
13:39:22	12.4098	5.3905	0.2059
13:39:32	12.292	5.4541	0.1969
13:39:42	12.3432	5.3524	0.1922
13:39:52	12.683	5.1227	0.1993
13:40:02	12.7609	5.0935	0.213
13:40:12	12.5913	5.2054	0.213
13:40:22	12.6717	5.153	0.2047
13:40:32	12.3812	5.3744	0.213
13:40:42	12.0551	5.6005	0.213
13:40:52	11.9712	5.6553	0.213
13:41:02	12.0498	5.5666	0.2207
13:41:12	12.261	5.3845	0.2255
13:41:22	12.4521	5.2691	0.26
13:41:32	12.3414	5.3708	0.2529
13:41:42	12.2384	5.4405	0.2291
13:41:52	12.2997	5.403	0.2207
13:42:02	12.2878	5.4262	0.2207
13:42:12	12.2253	5.4637	0.2207
13:42:22	12.1277	5.5708	0.2207
13:42:32	12.2384	5.4666	0.2207
13:42:42	12.1164	5.5714	0.2291
13:42:52	11.9141	5.7142	0.2267
13:43:02	11.9867	5.6517	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:43:12	11.7576	5.8398	0.2207
13:43:22	11.6623	5.888	0.2207
13:43:32	11.8968	5.6785	0.2207
13:43:42	11.8242	5.7654	0.219
13:43:52	11.6052	5.9398	0.1969
13:44:02	12.0188	5.575	0.1981
13:44:12	12.1259	5.5059	0.2154
13:44:22	11.4808	6.0445	0.2207
13:44:32	11.0613	6.3534	0.2207
13:44:42	10.9012	6.4765	0.2207
13:44:52	10.8857	6.4801	0.2207
13:45:02	10.947	6.42	0.2231
13:45:12	11.0881	6.3147	0.2207
13:45:22	11.4314	6.0564	0.2291
13:45:32	11.4124	6.1171	0.2291
13:45:42	11.197	6.2909	0.2439
13:45:52	11.1208	6.3391	0.2267
13:46:02	11.1738	6.2956	0.2291
13:46:12	11.3571	6.1457	0.213
13:46:22	11.6201	5.9344	0.213
13:46:32	11.6719	5.8951	0.2106
13:46:42	11.8968	5.7089	0.213
13:46:52	11.6493	5.9314	0.1957
13:47:02	11.4713	6.0671	0.1981
13:47:12	11.651	5.9302	0.2047
13:47:22	11.9539	5.6964	0.2059
13:47:32	12.286	5.4232	0.1981
13:47:42	12.4098	5.35	0.2047
13:47:52	12.164	5.575	0.2059
13:48:02	12.3015	5.4553	0.2059
13:48:12	12.6467	5.2173	0.219
13:48:22	12.3092	5.4982	0.2207
13:48:32	12.0896	5.6636	0.2291
13:48:42	12.2938	5.4922	0.2291
13:48:52	12.5437	5.3167	0.2291
13:49:02	12.7496	5.1863	0.2291
13:49:12	13.0472	4.9917	0.2315
13:49:22	12.824	5.1596	0.2368
13:49:32	12.4937	5.3649	0.2451
13:49:42	12.5014	5.3583	0.2576
13:49:52	12.4729	5.372	0.2451
13:50:02	12.286	5.5309	0.2529
13:50:12	12.2348	5.5517	0.2529
13:50:22	12.6199	5.2595	0.2529



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:50:32	13.0144	5.0036	0.2439
13:50:42	12.6484	5.2732	0.2368
13:50:52	12.1122	5.6743	0.2463
13:51:02	11.8433	5.8791	0.26
13:51:12	11.8242	5.8826	0.2529
13:51:22	11.9426	5.7731	0.2463
13:51:32	12.1485	5.6124	0.2368
13:51:42	12.555	5.2899	0.2368
13:51:52	12.6865	5.2226	0.2303
13:52:02	12.4098	5.422	0.2517
13:52:12	11.9468	5.7922	0.2624
13:52:22	11.6796	5.979	0.2553
13:52:32	11.6296	6.0076	0.2451
13:52:42	11.7213	5.9338	0.2451
13:52:52	11.9522	5.7452	0.2368
13:53:02	12.3259	5.4286	0.2368
13:53:12	12.7038	5.1798	0.2416
13:53:22	12.4997	5.331	0.2451
13:53:32	12.2039	5.5815	0.2451
13:53:42	12.1545	5.6089	0.2368
13:53:52	12.292	5.4678	0.2553
13:54:02	12.5437	5.2709	0.2451
13:54:12	12.3985	5.3928	0.2451
13:54:22	12.1069	5.6386	0.238
13:54:32	11.9658	5.7279	0.2517
13:54:42	11.9391	5.7303	0.2291
13:54:52	11.9426	5.7219	0.2291
13:55:02	12.1164	5.5625	0.2451
13:55:12	12.4747	5.2839	0.2368
13:55:22	12.0057	5.6803	0.2451
13:55:32	11.7671	5.8547	0.2529
13:55:42	11.704	5.9017	0.2529
13:55:52	12.0878	5.5744	0.2439
13:56:02	12.6217	5.1905	0.2368
13:56:12	12.9043	5.0394	0.2463
13:56:22	12.4027	5.4089	0.2517
13:56:32	11.8796	5.8475	0.2517
13:56:42	11.6588	6.0064	0.2517
13:56:52	12.0837	5.6386	0.2439
13:57:02	12.6544	5.1953	0.2356
13:57:12	12.7288	5.1405	0.2451
13:57:22	12.6978	5.1435	0.2368
13:57:32	12.4044	5.3554	0.2356
13:57:42	11.5534	6.0576	0.26

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
13:57:52	11.1952	6.3069	0.2576
13:58:02	11.5136	6.0445	0.2493
13:58:12	11.9658	5.688	0.2451
13:58:22	12.2212	5.4738	0.2451
13:58:32	12.2747	5.4053	0.2439
13:58:42	12.3414	5.3441	0.2517
13:58:52	12.1313	5.525	0.2529
13:59:02	11.8224	5.7642	0.2451
13:59:12	11.7463	5.813	0.26
13:59:22	11.895	5.6964	0.2529
13:59:32	11.973	5.6416	0.2529
13:59:42	11.9902	5.6363	0.2529
13:59:52	12.0819	5.569	0.2487
14:00:02	12.2057	5.4791	0.2368
14:00:12	12.1527	5.5523	0.2392
14:00:22	12.2152	5.5089	0.2368
14:00:32	12.4538	5.3137	0.2291
14:00:42	12.5473	5.2512	0.2303
14:00:52	12.3812	5.3512	0.2368
14:01:02	12.0188	5.6386	0.2368
14:01:12	11.7903	5.7987	0.2451
14:01:22	11.6927	5.8439	0.2529
14:01:32	11.7808	5.7535	0.2529
14:01:42	11.8492	5.6934	0.2344
14:01:52	11.6945	5.8309	0.2267
14:02:02	11.4868	5.9915	0.213
14:02:12	11.5308	5.9534	0.2243
14:02:22	11.6034	5.8987	0.2207
14:02:32	11.6165	5.8767	0.2291
14:02:42	11.6909	5.8112	0.2279
14:02:52	11.7159	5.8029	0.2291
14:03:02	11.8629	5.7166	0.2207
14:03:12	11.9254	5.6898	0.2207
14:03:22	11.5552	6.007	0.2154
14:03:32	10.8899	6.5402	0.2207
14:03:42	10.5525	6.7723	0.213
14:03:52	10.6935	6.6866	0.2178
14:04:02	10.8095	6.6039	0.2303
14:04:12	10.9565	6.4914	0.2368
14:04:22	11.2083	6.2944	0.2439
14:04:32	11.3648	6.1885	0.2368
14:04:42	11.5136	6.076	0.2291
14:04:52	11.6701	5.9695	0.2439
14:05:02	11.4392	6.1671	0.2451

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:05:12	10.972	6.5212	0.2291
14:05:22	10.8554	6.5956	0.2291
14:05:32	10.9244	6.5509	0.2267
14:05:42	10.9339	6.545	0.2207
14:05:52	11.0803	6.4385	0.2368
14:06:02	11.4546	6.1832	0.2368
14:06:12	11.7463	6.01	0.2207
14:06:22	11.8629	5.9386	0.2207
14:06:32	11.9278	5.8951	0.2338
14:06:42	11.9902	5.8481	0.2368
14:06:52	12.0361	5.8041	0.2439
14:07:02	12.1718	5.691	0.2356
14:07:12	12.3283	5.6029	0.2451
14:07:22	12.0932	5.8178	0.219
14:07:32	11.9409	5.9362	0.2291
14:07:42	11.9081	5.9671	0.2291
14:07:52	11.9444	5.9386	0.2291
14:08:02	11.9539	5.9207	0.2207
14:08:12	11.9962	5.8677	0.213
14:08:22	12.0248	5.8338	0.2207
14:08:32	12.2021	5.6678	0.2231
14:08:42	12.4461	5.4571	0.2338
14:08:52	12.8204	5.1977	0.2368
14:09:02	12.6199	5.3494	0.2368
14:09:12	12.2461	5.6601	0.2344
14:09:22	12.0057	5.8553	0.2207
14:09:32	11.9599	5.8886	0.2207
14:09:42	11.9998	5.8451	0.2059
14:09:52	12.1432	5.7249	0.2082
14:10:02	12.3949	5.5053	0.2267
14:10:12	12.6943	5.2655	0.213
14:10:22	12.7288	5.2566	0.2291
14:10:32	12.6044	5.3298	0.2291
14:10:42	12.9383	5.112	0.2291
14:10:52	12.9555	5.1084	0.2291
14:11:02	12.7306	5.2625	0.2291
14:11:12	12.5378	5.3851	0.2291
14:11:22	12.7437	5.2244	0.2315
14:11:32	12.9192	5.1203	0.2368
14:11:42	12.7246	5.2488	0.2291
14:11:52	12.6199	5.3214	0.2291
14:12:02	12.4961	5.4411	0.2291
14:12:12	11.9426	5.8654	0.2392
14:12:22	11.4124	6.2212	0.2368

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:12:32	11.0387	6.4861	0.2344
14:12:42	10.781	6.6444	0.2303
14:12:52	10.6858	6.6825	0.2279
14:13:02	10.7887	6.6045	0.2291
14:13:12	11.0232	6.47	0.2279
14:13:22	11.2029	6.3361	0.2207
14:13:32	11.3916	6.198	0.2356
14:13:42	11.51	6.1022	0.2315
14:13:52	11.4886	6.1129	0.2368
14:14:02	11.5344	6.076	0.2356
14:14:12	11.5267	6.0832	0.2356
14:14:22	11.4356	6.1546	0.2356
14:14:32	11.582	6.0249	0.2279
14:14:42	11.222	6.3319	0.2368
14:14:52	10.7411	6.6801	0.2368
14:15:02	10.5864	6.7539	0.2368
14:15:12	10.6721	6.6807	0.2291
14:15:22	10.85	6.5378	0.2326
14:15:32	11.0214	6.4242	0.2291
14:15:42	10.9434	6.4873	0.2243
14:15:52	10.9798	6.4402	0.2207
14:16:02	11.2005	6.2736	0.2338
14:16:12	11.5403	6.0374	0.2291
14:16:22	11.5957	6.0237	0.2279
14:16:32	11.8873	5.8065	0.2392
14:16:42	11.8474	5.8499	0.2439
14:16:52	11.4427	6.1754	0.2368
14:17:02	11.216	6.3266	0.2368
14:17:12	11.2178	6.3069	0.2368
14:17:22	11.1589	6.3415	0.2338
14:17:32	11.2178	6.2938	0.2392
14:17:42	11.485	6.1034	0.2368
14:17:52	11.8397	5.8582	0.2291
14:18:02	12.1658	5.6083	0.2291
14:18:12	12.3836	5.4494	0.2207
14:18:22	12.3449	5.5029	0.2291
14:18:32	12.511	5.3756	0.2154
14:18:42	12.3414	5.5488	0.2291
14:18:52	12.1735	5.6993	0.2207
14:19:02	12.1849	5.71	0.2106
14:19:12	12.2229	5.7017	0.2142
14:19:22	12.3414	5.6095	0.2154
14:19:32	12.6353	5.3649	0.2207
14:19:42	12.7556	5.2988	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:19:52	12.8544	5.2411	0.2207
14:20:02	13.0757	5.1084	0.2207
14:20:12	13.3769	4.9251	0.2368
14:20:22	13.2495	5.0245	0.2368
14:20:32	13.2608	5.0132	0.2505
14:20:42	13.2245	5.0459	0.2368
14:20:52	13.0341	5.1649	0.2368
14:21:02	12.8639	5.2738	0.2368
14:21:12	12.9115	5.234	0.2291
14:21:22	13.0222	5.1756	0.2291
14:21:32	13.0109	5.1977	0.2291
14:21:42	12.9329	5.2369	0.2291
14:21:52	12.9573	5.2	0.2291
14:22:02	12.7151	5.3417	0.2368
14:22:12	12.3473	5.6291	0.2338
14:22:22	11.9962	5.9035	0.2344
14:22:32	11.8891	5.9528	0.2279
14:22:42	12.261	5.6333	0.2207
14:22:52	12.511	5.4369	0.2207
14:23:02	12.3223	5.5732	0.2291
14:23:12	12.3646	5.5089	0.2279
14:23:22	12.6675	5.2709	0.2356
14:23:32	12.6163	5.3054	0.2207
14:23:42	12.7228	5.2232	0.2303
14:23:52	12.8163	5.1494	0.2356
14:24:02	12.1277	5.6601	0.2356
14:24:12	11.4927	6.1338	0.2451
14:24:22	11.294	6.2564	0.2291
14:24:32	11.344	6.1957	0.2368
14:24:42	11.4427	6.1022	0.2315
14:24:52	11.601	5.9874	0.2291
14:25:02	11.9313	5.7118	0.2231
14:25:12	11.7921	5.8451	0.2207
14:25:22	11.479	6.082	0.2207
14:25:32	11.3666	6.1576	0.2291
14:25:42	11.5897	6.0124	0.2315
14:25:52	11.7558	5.888	0.2267
14:26:02	11.7522	5.8921	0.2368
14:26:12	11.7177	5.913	0.2368
14:26:22	11.7498	5.8725	0.2368
14:26:32	11.8016	5.8195	0.2344
14:26:42	11.626	5.9665	0.2207
14:26:52	11.6183	5.9689	0.2207
14:27:02	11.6183	5.9897	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:27:12	11.4219	6.1546	0.2279
14:27:22	11.2142	6.3147	0.2291
14:27:32	11.0482	6.4396	0.2291
14:27:42	10.9798	6.4754	0.2207
14:27:52	11.2446	6.232	0.2207
14:28:02	11.4064	6.1159	0.2207
14:28:12	11.2005	6.2694	0.2338
14:28:22	10.8935	6.4956	0.2356
14:28:32	10.562	6.7336	0.2356
14:28:42	10.537	6.7426	0.2291
14:28:52	10.7887	6.5557	0.2291
14:29:02	11.4088	6.101	0.2279
14:29:12	11.9849	5.669	0.2291
14:29:22	11.8266	5.8517	0.2356
14:29:32	11.529	6.0957	0.2439
14:29:42	11.851	5.8826	0.2368
14:29:52	12.0956	5.7291	0.2368
14:30:02	12.2575	5.6035	0.2368
14:30:12	12.4175	5.4714	0.2291
14:30:22	12.4979	5.4143	0.2291
14:30:32	12.5205	5.3952	0.2576
14:30:42	12.5836	5.3571	0.26
14:30:52	12.6121	5.3381	0.26
14:31:02	12.9347	5.103	0.2451
14:31:12	13.3751	4.8025	0.2428
14:31:22	13.7131	4.5651	0.2368
14:31:32	13.459	4.7704	0.2368
14:31:42	12.7877	5.1953	0.2368
14:31:52	12.3318	5.5089	0.2368
14:32:02	11.8474	5.8666	0.2368
14:32:12	11.7635	5.8886	0.2368
14:32:22	11.8266	5.8356	0.2368
14:32:32	12.0188	5.672	0.2368
14:32:42	11.8819	5.7636	0.2368
14:32:52	11.6683	5.8791	0.2344
14:33:02	11.3684	6.0588	0.2451
14:33:12	10.9911	6.3307	0.2368
14:33:22	10.9167	6.3778	0.2368
14:33:32	10.7352	6.5206	0.2368
14:33:42	10.8691	6.3998	0.2291
14:33:52	10.8268	6.4581	0.2291
14:34:02	10.5162	6.6813	0.2368
14:34:12	10.3519	6.786	0.2291
14:34:22	10.4055	6.7402	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:34:32	10.6667	6.539	0.2207
14:34:42	11.0196	6.2718	0.2207
14:34:52	11.5707	5.8499	0.2207
14:35:02	11.9278	5.6071	0.219
14:35:12	11.7254	5.8303	0.2207
14:35:22	11.2083	6.2391	0.2267
14:35:32	11.0482	6.3879	0.2207
14:35:42	11.1208	6.3534	0.2207
14:35:52	11.5076	6.0897	0.2207
14:36:02	11.9563	5.7588	0.2207
14:36:12	12.5282	5.3	0.213

**Start Bias Calibration**

14:36:22	12.5818	5.2905	0.2154
14:36:32	18.3576	1.2699	5.5506
14:36:42	0.7004	0.2303	0.6683
14:36:52	0.2368	0.1612	0.0642
14:37:02	0.16	0.1202	0.0321
14:37:12	0.1148	0.0964	0.0035
14:37:22	0.088	0.0815	-0.0012
14:37:32	0.0785	0.0743	-0.0036
14:37:42	0.063	0.0672	-0.0114
14:37:52	0.0499	0.0607	-0.0114

**Zero Bias**

**0.0638 0.0674 -0.0088**

14:38:02	0.044	0.0559	-0.0274
14:38:12	4.0896	0.9968	0.291
14:38:22	8.6428	0.4784	5.5464
14:38:32	19.8606	0.0993	14.36
14:38:42	20.0968	0.0732	14.8176
14:38:52	20.1658	0.072	14.8861
14:39:02	20.2056	0.0654	14.9033
14:39:12	20.2363	0.0589	14.9116
14:39:22	20.2589	0.0541	14.9105
14:39:32	20.2821	0.0517	14.9307
14:39:42	20.2932	0.0488	14.945

**THC Bias**

**20.27807 0.051533 14.92873**

14:39:52	20.2992	0.0476	14.939
14:40:02	19.1204	0.6409	9.6128
14:40:12	12.58	5.297	0.8599
14:40:22	11.6814	5.9368	0.4397

**Resume Run 3B**

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:40:32	11.3898	6.1236	0.3743
14:40:42	11.2101	6.1992	0.3368
14:40:52	11.294	6.0826	0.2933
14:41:02	11.46	5.9118	0.2624
14:41:12	11.632	5.7571	0.2517
14:41:22	11.46	5.8749	0.2428
14:41:32	11.0845	6.1492	0.2356
14:41:42	10.2454	6.7937	0.2416
14:41:52	9.3486	7.4025	0.2439
14:42:02	8.9135	7.6816	0.2356
14:42:12	8.8796	7.6941	0.2207
14:42:22	8.7284	7.809	0.2315
14:42:32	8.7267	7.8025	0.2255
14:42:42	9.4247	7.3764	0.2368
14:42:52	10.312	6.8753	0.2291
14:43:02	10.9565	6.4956	0.2207
14:43:12	11.504	6.1635	0.2291
14:43:22	11.9712	5.8493	0.2207
14:43:32	12.658	5.3369	0.219
14:43:42	13.3316	4.9275	0.2071
14:43:52	13.7185	4.693	0.2279
14:44:02	13.5738	4.8162	0.2255
14:44:12	13.2721	5.0245	0.2291
14:44:22	13.0835	5.1364	0.2291
14:44:32	13.0436	5.1524	0.2207
14:44:42	13.0359	5.1578	0.213
14:44:52	13.0263	5.1649	0.2047
14:45:02	13.0793	5.109	0.2047
14:45:12	13.1751	5.0376	0.2178
14:45:22	12.8907	5.206	0.2255
14:45:32	12.3301	5.5738	0.2231
14:45:42	12.0093	5.7963	0.2303
14:45:52	11.9772	5.8035	0.2279
14:46:02	12.0266	5.7422	0.2207
14:46:12	12.1027	5.6696	0.2291
14:46:22	11.9373	5.785	0.2356
14:46:32	11.9141	5.7767	0.2368
14:46:42	11.9176	5.7535	0.2291
14:46:52	11.7177	5.8975	0.2279
14:47:02	11.8242	5.7951	0.2207
14:47:12	12.139	5.5333	0.2207
14:47:22	12.3622	5.3357	0.2207
14:47:32	12.1027	5.5369	0.2207
14:47:42	11.6814	5.8898	0.2279



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:47:52	11.2672	6.2105	0.2439
14:48:02	11.222	6.2129	0.2428
14:48:12	11.4201	6.0368	0.2315
14:48:22	11.5725	5.9005	0.2338
14:48:32	11.6927	5.7773	0.2356
14:48:42	11.5058	5.932	0.238
14:48:52	10.7488	6.5361	0.2428
14:49:02	10.346	6.8217	0.2392
14:49:12	10.3138	6.855	0.2356
14:49:22	10.4281	6.7634	0.2368
14:49:32	10.6399	6.6051	0.2368
14:49:42	10.8786	6.4557	0.2291
14:49:52	10.9411	6.4914	0.2291
14:50:02	11.0482	6.4748	0.2356
14:50:12	11.2368	6.3611	0.2338
14:50:22	11.5594	6.1088	0.2279
14:50:32	12.0057	5.7535	0.2255
14:50:42	12.6907	5.2631	0.2315
14:50:52	12.9115	5.1852	0.2291
14:51:02	12.8258	5.2774	0.213
14:51:12	12.8793	5.2512	0.2219
14:51:22	13.0626	5.1322	0.2291
14:51:32	12.8395	5.2869	0.2207
14:51:42	12.6068	5.4488	0.213
14:51:52	12.5491	5.4577	0.213
14:52:02	12.5758	5.4161	0.213
14:52:12	12.58	5.4042	0.2071
14:52:22	12.7341	5.281	0.2047
14:52:32	13.1709	4.9745	0.213
14:52:42	13.4251	4.7983	0.2071
14:52:52	13.0359	5.0864	0.213
14:53:02	12.3949	5.5196	0.2207
14:53:12	12.2402	5.5958	0.2255
14:53:22	12.2098	5.6095	0.2279
14:53:32	11.9444	5.7803	0.2207
14:53:42	11.92	5.7571	0.2279
14:53:52	12.017	5.6731	0.2291
14:54:02	11.8819	5.7678	0.2279
14:54:12	11.9426	5.7035	0.2368
14:54:22	11.529	6.0588	0.2439
14:54:32	11.3725	6.1504	0.2356
14:54:42	11.2255	6.2361	0.2439
14:54:52	11.4755	6.0308	0.2356
14:55:02	11.2386	6.2284	0.2356

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
14:55:12	11.2696	6.1957	0.2517
14:55:22	10.8268	6.5158	0.2517
14:55:32	10.9678	6.3879	0.2529
14:55:42	11.3344	6.1117	0.2356
14:55:52	11.5481	5.9683	0.2291
14:56:02	11.363	6.1445	0.2291
14:56:12	11.3856	6.1094	0.2279
14:56:22	11.3172	6.148	0.2303
14:56:32	11.1398	6.2742	0.2368
14:56:42	11.1642	6.2498	0.2207
14:56:52	11.2749	6.1689	0.2291
14:57:02	11.1529	6.279	0.2493
14:57:12	10.9262	6.4474	0.2588
14:57:22	11.025	6.3587	0.2487
14:57:32	11.0898	6.3117	0.2392
14:57:42	11.5653	5.9523	0.2291
14:57:52	12.0093	5.6678	0.2356
14:58:02	12.1962	5.5517	0.2416
14:58:12	12.292	5.5125	0.2439
14:58:22	12.2229	5.5982	0.2517
14:58:32	12.5324	5.372	0.2517
14:58:42	12.5931	5.3518	0.2517
14:58:52	12.3473	5.572	0.2517
14:59:02	12.2021	5.6839	0.2439
14:59:12	12.2003	5.6714	0.2475
14:59:22	12.3545	5.5339	0.238
14:59:32	12.4521	5.4476	0.2392
14:59:42	12.5568	5.3649	0.2368
14:59:52	12.8871	5.1334	0.2439
15:00:02	12.6502	5.3149	0.2439
15:00:12	12.3188	5.5613	0.2392
15:00:22	12.3283	5.5262	0.2356
15:00:32	12.3164	5.5494	0.2439
15:00:42	12.1753	5.6601	0.2416
15:00:52	12.1146	5.6958	0.2291
15:01:02	12.0402	5.7416	0.2207
15:01:12	12.0402	5.7196	0.2207
15:01:22	12.1069	5.6541	0.2291
15:01:32	12.3396	5.4434	0.2291
15:01:42	12.58	5.2221	0.2207
15:01:52	12.6258	5.1673	0.2291
15:02:02	12.4842	5.247	0.2291
15:02:12	12.3033	5.3661	0.2368
15:02:22	11.851	5.7493	0.2291

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:02:32	11.3457	6.1266	0.2291
15:02:42	11.5195	5.9576	0.2291
15:02:52	11.8266	5.6868	0.2291
15:03:02	11.901	5.6172	0.2207
15:03:12	11.1511	6.229	0.2303
15:03:22	10.5941	6.6128	0.2439
15:03:32	10.5673	6.6182	0.2517
15:03:42	10.4644	6.6836	0.2439
15:03:52	10.4376	6.6836	0.2356
15:04:02	10.7637	6.4087	0.2315
15:04:12	11.3725	5.9398	0.2291
15:04:22	11.8076	5.6612	0.2368
15:04:32	11.3267	6.1266	0.2451
15:04:42	11.0232	6.3694	0.2517
15:04:52	11.3303	6.129	0.2517
15:05:02	11.5421	5.9957	0.2439
15:05:12	11.2618	6.2403	0.2451
15:05:22	10.903	6.4968	0.2439
15:05:32	10.953	6.4658	0.2517
15:05:42	11.3059	6.207	0.2517
15:05:52	11.7766	5.8666	0.2529
15:06:02	12.1295	5.6095	0.2439
15:06:12	12.5776	5.2869	0.2368
15:06:22	12.6294	5.297	0.2451
15:06:32	12.2878	5.5851	0.2392
15:06:42	12.1944	5.6601	0.2439
15:06:52	12.2461	5.6434	0.2439
15:07:02	12.292	5.6333	0.2439
15:07:12	12.2973	5.6273	0.2344
15:07:22	12.3699	5.5696	0.2279
15:07:32	12.5705	5.4006	0.2154
15:07:42	12.721	5.3006	0.2207
15:07:52	12.78	5.2691	0.213
15:08:02	12.9954	5.112	0.213
15:08:12	13.1733	4.9703	0.2231
15:08:22	13.4899	4.7335	0.2291
15:08:32	13.7946	4.5139	0.2303
15:08:42	13.6881	4.6002	0.2356
15:08:52	13.6458	4.6252	0.2279
15:09:02	13.8196	4.5008	0.2291
15:09:12	13.8256	4.4942	0.2279
15:09:22	13.5851	4.6472	0.2356
15:09:32	13.4614	4.7323	0.2279
15:09:42	13.5471	4.6686	0.2207

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:09:52	13.4709	4.721	0.2279
15:10:02	12.8889	5.0649	0.2279
15:10:12	12.9329	4.9429	0.2279
15:10:22	12.8561	4.9632	0.2279
15:10:32	12.3777	5.2619	0.2356
15:10:42	11.6278	5.8493	0.2517
15:10:52	11.319	6.0844	0.2356
15:11:02	11.0024	6.2718	0.2279
15:11:12	10.9964	6.201	0.2291
15:11:22	10.8137	6.3075	0.2279
15:11:32	10.531	6.4855	0.2291
15:11:42	9.8847	6.9556	0.2303
15:11:52	9.2992	7.346	0.2439
15:12:02	9.0778	7.4948	0.2439
15:12:12	9.0813	7.4841	0.2428
15:12:22	9.3069	7.3287	0.2291
15:12:32	9.3866	7.2805	0.2207
15:12:42	9.5622	7.1585	0.2243
15:12:52	9.4003	7.3109	0.2207
15:13:02	9.1123	7.5138	0.2255
15:13:12	9.5051	7.2538	0.2315
15:13:22	10.6054	6.5349	0.2106
15:13:32	11.8129	5.7237	0.2207
15:13:42	12.4711	5.3072	0.2207
15:13:52	12.7228	5.1988	0.2207
15:14:02	12.83	5.1554	0.2207
15:14:12	12.8276	5.1774	0.2231
15:14:22	12.7954	5.1971	0.2207
15:14:32	12.6258	5.3137	0.2255
15:14:42	12.3146	5.5684	0.2291
15:14:52	12.1676	5.691	0.2291
15:15:02	12.3223	5.5601	0.2207
15:15:12	12.3717	5.519	0.2267
15:15:22	11.9254	5.891	0.2207
15:15:32	11.6641	6.0915	0.2279
15:15:42	12.0801	5.7487	0.2279
15:15:52	12.4122	5.4976	0.2291
15:16:02	12.599	5.35	0.2279
15:16:12	12.3378	5.5256	0.2279
15:16:22	12.1468	5.6333	0.2279
15:16:32	12.1735	5.5851	0.2356
15:16:42	12.1087	5.6065	0.2356
15:16:52	12.1259	5.5648	0.2416
15:17:02	12.0152	5.6363	0.2368

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:17:12	11.9885	5.6202	0.2451
15:17:22	12.1146	5.4904	0.2356
15:17:32	11.8171	5.7261	0.2356
15:17:42	11.3362	6.0992	0.2368
15:17:52	10.9625	6.3665	0.2517
15:18:02	10.8173	6.4605	0.2439
15:18:12	10.8173	6.4587	0.2517
15:18:22	10.6893	6.5741	0.2517
15:18:32	10.5578	6.6753	0.2517
15:18:42	10.531	6.6747	0.2338
15:18:52	10.6269	6.5855	0.2279
15:19:02	10.8381	6.4117	0.2207
15:19:12	11.4695	5.9534	0.2196
15:19:22	12.0742	5.5607	0.2219
15:19:32	12.2021	5.5166	0.2279
15:19:42	12.2539	5.5059	0.2279
15:19:52	12.5229	5.2917	0.2356
15:20:02	12.7151	5.1548	0.2356
15:20:12	12.4348	5.3446	0.238
15:20:22	12.2325	5.5029	0.2517
15:20:32	12.261	5.4922	0.2439
15:20:42	12.3568	5.3869	0.2439
15:20:52	12.6847	5.1655	0.238
15:21:02	12.9763	4.9679	0.2475
15:21:12	12.6693	5.1863	0.2356
15:21:22	12.2938	5.4309	0.2416
15:21:32	12.2575	5.447	0.2439
15:21:42	12.3872	5.3298	0.2356
15:21:52	12.5169	5.2488	0.2368
15:22:02	12.5877	5.203	0.2279
15:22:12	12.139	5.55	0.2231
15:22:22	11.6986	5.9118	0.2207
15:22:32	11.5499	6.0147	0.2207
15:22:42	11.5844	5.9909	0.2231
15:22:52	11.6564	5.9249	0.2291
15:23:02	11.8552	5.7624	0.2207
15:23:12	12.0093	5.6392	0.2279
15:23:22	12.0379	5.6166	0.2279
15:23:32	12.0992	5.5452	0.219
15:23:42	12.2539	5.4	0.213
15:23:52	12.4003	5.2982	0.2094
15:24:02	12.261	5.4202	0.2047
15:24:12	12.1122	5.5351	0.2207
15:24:22	12.3681	5.3226	0.2047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:24:32	12.3681	5.3363	0.219
15:24:42	12.0474	5.5922	0.2207
15:24:52	11.7939	5.7636	0.2303
15:25:02	11.607	5.8576	0.2368
15:25:12	11.2636	6.1231	0.2356
15:25:22	11.0309	6.2986	0.2303
15:25:32	11.0042	6.3278	0.2315
15:25:42	11.1452	6.1927	0.2207
15:25:52	11.216	6.1367	0.2094
15:26:02	11.2505	6.1064	0.2071
15:26:12	11.5076	5.9088	0.2047
15:26:22	11.7522	5.7255	0.2047
15:26:32	12.0402	5.4881	0.2047
15:26:42	12.1944	5.3565	0.2207
15:26:52	11.7748	5.7261	0.2279
15:27:02	11.3838	6.026	0.2279
15:27:12	11.5897	5.8475	0.2207
15:27:22	11.6528	5.8118	0.2279
15:27:32	11.6986	5.769	0.2315
15:27:42	11.6719	5.7886	0.2207
15:27:52	11.5707	5.8677	0.2207
15:28:02	11.5118	5.9165	0.219
15:28:12	11.651	5.8082	0.2207
15:28:22	11.8552	5.638	0.2207
15:28:32	11.4219	6.013	0.2207
15:28:42	10.7923	6.4998	0.2207
15:28:52	10.3823	6.7991	0.2207
15:29:02	10.2353	6.889	0.213
15:29:12	10.2412	6.8812	0.2047
15:29:22	10.3769	6.7884	0.2047
15:29:32	10.4781	6.7182	0.2207
15:29:42	10.5596	6.6533	0.219
15:29:52	10.6227	6.6188	0.2166
15:30:02	10.7756	6.5105	0.2017
15:30:12	11.0732	6.2802	0.2047
15:30:22	11.4124	6.0338	0.2047
15:30:32	11.9426	5.6357	0.2047
15:30:42	12.4651	5.2714	0.2047
15:30:52	12.4027	5.3339	0.2047
15:31:02	12.1831	5.5035	0.1969
15:31:12	12.0861	5.575	0.1969
15:31:22	12.1581	5.522	0.1969
15:31:32	11.9617	5.7112	0.2029
15:31:42	11.3094	6.226	0.2029

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:31:52	10.9774	6.4688	0.2047
15:32:02	11.1226	6.3504	0.2047
15:32:12	11.5594	5.9987	0.1898
15:32:22	12.0837	5.5666	0.1821
15:32:32	12.414	5.3107	0.1892
15:32:42	12.5032	5.2732	0.1969
15:32:52	12.5419	5.2524	0.1969
15:33:02	12.6407	5.1756	0.1969
15:33:12	12.652	5.1649	0.1892
15:33:22	12.6353	5.1631	0.1898
15:33:32	12.677	5.1149	0.191
15:33:42	12.6907	5.0971	0.1969
15:33:52	12.6104	5.1489	0.213
15:34:02	12.3967	5.2923	0.2207
15:34:12	12.0646	5.5595	0.2207
15:34:22	12.0765	5.5262	0.2207
15:34:32	12.311	5.325	0.2106
15:34:42	12.3741	5.2786	0.213
15:34:52	12.3545	5.3072	0.213
15:35:02	12.1277	5.4958	0.2047
15:35:12	11.4374	6.0374	0.2178
15:35:22	10.4739	6.7408	0.213
15:35:32	9.7854	7.2026	0.2255
15:35:42	9.5527	7.3502	0.2279
15:35:52	9.5396	7.3502	0.2356
15:36:02	9.6062	7.3103	0.2356
15:36:12	9.7491	7.2204	0.2338
15:36:22	10.0561	7.027	0.2356
15:36:32	10.384	6.8265	0.2279
15:36:42	10.6816	6.6473	0.2416
15:36:52	10.7905	6.5997	0.2439
15:37:02	10.85	6.573	0.2529
15:37:12	11.0232	6.4331	0.2624
15:37:22	11.1892	6.3117	0.2666
15:37:32	11.2196	6.3171	0.2666
15:37:42	11.2749	6.2861	0.2725
15:37:52	11.4088	6.1802	0.2826
15:38:02	11.6243	6.0005	0.2826
15:38:12	11.6088	6.0266	0.2749
15:38:22	11.5195	6.0933	0.2826
15:38:32	11.5844	6.0356	0.2826
15:38:42	11.8932	5.8154	0.2749
15:38:52	11.9295	5.8344	0.2612
15:39:02	11.8397	5.904	0.2666

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:39:12	11.9391	5.8201	0.2749
15:39:22	12.311	5.5065	0.2588
15:39:32	12.7115	5.2179	0.2749
15:39:42	12.5931	5.3036	0.2749
15:39:52	12.1849	5.6273	0.2749
15:40:02	11.8569	5.8832	0.2826
15:40:12	11.779	5.9451	0.2826
15:40:22	12.139	5.6487	0.285
15:40:32	12.3568	5.4732	0.2826
15:40:42	12.4651	5.3756	0.2803
15:40:52	12.5913	5.2828	0.2761
15:41:02	12.5931	5.2792	0.2826
15:41:12	12.458	5.353	0.2803
15:41:22	12.2842	5.472	0.2666
15:41:32	12.1866	5.5392	0.2803
15:41:42	11.798	5.8422	0.2749
15:41:52	11.4451	6.11	0.2886
15:42:02	11.1476	6.3278	0.2987
15:42:12	11.05	6.3831	0.2987
15:42:22	11.0994	6.3456	0.2987
15:42:32	11.3838	6.1213	0.3148
15:42:42	11.5213	6.007	0.3136
15:42:52	11.2749	6.2183	0.3148
15:43:02	10.9851	6.4432	0.3207
15:43:12	10.9434	6.4712	0.3207
15:43:22	11.1416	6.3063	0.3219
15:43:32	11.3398	6.1415	0.3285
15:43:42	11.4237	6.06	0.3296

**Start Bias Calibration**

15:43:52	11.1779	6.2748	0.4142
15:44:02	18.0751	1.1063	6.3897
15:44:12	0.845	0.2939	0.4933
15:44:22	0.1987	0.1797	0.0857
15:44:32	0.1148	0.1291	0.0654
15:44:42	0.0803	0.1017	0.0559
15:44:52	0.0613	0.0904	0.0244
15:45:02	0.0458	0.0803	0.0047
15:45:12	0.0345	0.0678	-0.0114
15:45:22	0.0345	0.0654	-0.0274
15:45:32	0.0249	0.0618	-0.0352
<b>Zero Bias</b>	<b>0.0313</b>	<b>0.065</b>	<b>-0.02467</b>
15:45:42	0.2291	0.0833	0.0654



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:45:52	3.4677	0.9378	3.7218
15:46:02	19.7156	0.1106	13.6673
15:46:12	20.059	0.0755	14.5968
15:46:22	20.1235	0.0624	14.7432
15:46:32	20.1597	0.0571	14.7962
15:46:42	20.1945	0.0529	14.8301
15:46:52	20.2096	0.0488	14.8509
15:47:02	20.2322	0.0464	14.8646
15:47:12	20.2514	0.0434	14.8724
<b>THC Bias</b>	<b>20.23107</b>	<b>0.0462</b>	<b>14.86263</b>

15:47:22	20.2554	0.041	14.8706
15:47:32	15.8757	3.0749	6.8729
15:47:42	11.8534	5.6386	0.626
15:47:52	11.1131	6.2403	0.4534
15:48:02	10.8042	6.5009	0.4338

**Resume Run 3B**

15:48:12	10.7756	6.5456	0.4225
15:48:22	10.9298	6.4367	0.4076
15:48:32	11.3303	6.1564	0.3939
15:48:42	11.6945	5.9035	0.3832
15:48:52	12.1218	5.6136	0.3743
15:49:02	12.6449	5.2709	0.3606
15:49:12	13.0359	5.0185	0.3445
15:49:22	12.9668	5.0757	0.3296
15:49:32	13.2073	4.9162	0.3285
15:49:42	13.2644	4.8941	0.3285
15:49:52	13.3656	4.8323	0.3207
15:50:02	13.5161	4.7311	0.3088
15:50:12	13.2281	4.9066	0.307
15:50:22	12.6139	5.2756	0.2987
15:50:32	12.311	5.4553	0.2987
15:50:42	11.8968	5.7696	0.2987
15:50:52	11.3969	6.1588	0.2987
15:51:02	11.1815	6.3236	0.2987
15:51:12	11.3112	6.1992	0.2987
15:51:22	11.4981	6.0308	0.291
15:51:32	11.4618	6.06	0.2826
15:51:42	11.4201	6.0933	0.2785
15:51:52	11.2714	6.2206	0.291
15:52:02	11.2255	6.2534	0.291
15:52:12	11.2773	6.2046	0.291
15:52:22	11.0464	6.3528	0.285

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:52:32	10.6054	6.6771	0.2761
15:52:42	10.4703	6.7812	0.2838
15:52:52	10.5388	6.736	0.3011
15:53:01	10.5388	6.736	0.3011
15:53:12	10.9601	6.4063	0.2975
15:53:22	11.1089	6.2825	0.2826
15:53:32	11.0845	6.2944	0.2826
15:53:42	11.0405	6.3343	0.2838
15:53:52	11.2255	6.1695	0.2826
15:54:02	11.4963	5.9546	0.291
15:54:12	11.5897	5.8904	0.291
15:54:22	11.1261	6.2617	0.3011
15:54:32	10.7203	6.5747	0.3124
15:54:42	10.806	6.5009	0.307
15:54:52	10.8994	6.4527	0.3148
15:55:02	11.3154	6.1141	0.3148
15:55:12	11.6623	5.8428	0.2987
15:55:22	11.9278	5.6249	0.2838
15:55:32	12.2973	5.3268	0.285
15:55:42	12.2003	5.3875	0.291
15:55:52	11.4927	5.9951	0.2939
15:56:02	11.2481	6.198	0.291
15:56:12	10.9893	6.3938	0.2922
15:56:22	10.6072	6.6688	0.291
15:56:32	10.581	6.6848	0.291
15:56:42	10.6286	6.6592	0.291
15:56:52	10.806	6.5527	0.2939
15:57:02	11.1571	6.3171	0.2987
15:57:12	11.4564	6.1183	0.2987
15:57:22	11.8492	5.8749	0.2987
15:57:32	12.1563	5.6797	0.307
15:57:42	12.3414	5.5416	0.307
15:57:52	12.3378	5.5553	0.3148
15:58:02	12.6008	5.3411	0.3219
15:58:12	12.5973	5.3387	0.3219
15:58:22	12.5437	5.3768	0.3261
15:58:32	12.2366	5.6606	0.3148
15:58:42	11.8915	5.932	0.3148
15:58:52	11.7195	6.0421	0.3148
15:59:02	11.6147	6.0957	0.3148
15:59:12	11.6278	6.079	0.3148
15:59:22	11.5362	6.1451	0.3148
15:59:32	11.4142	6.2046	0.307
15:59:42	11.832	5.866	0.307

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
15:59:52	12.0783	5.6541	0.307
16:00:02	11.7349	5.9332	0.307
16:00:12	11.6397	6.0225	0.3148
16:00:22	11.5975	6.0618	0.3219
16:00:32	11.3779	6.2439	0.3171
16:00:42	11.3457	6.2671	0.307
16:00:52	11.3898	6.2159	0.3035
16:01:02	11.4737	6.1361	0.307
16:01:12	11.5421	6.0671	0.307
16:01:22	11.6927	5.9392	0.307
16:01:32	11.9962	5.6975	0.3171
16:01:42	12.2116	5.5369	0.3219
16:01:52	11.8361	5.8368	0.3148
16:02:02	11.6683	5.9671	0.3148
16:02:12	11.6183	5.9897	0.3207
16:02:22	11.3457	6.1849	0.3195
16:02:32	11.1761	6.3182	0.3148
16:02:42	11.1702	6.3242	0.3112
16:02:52	11.4011	6.1445	0.31
16:03:02	11.8986	5.741	0.307
16:03:12	11.8742	5.7422	0.3148
16:03:22	11.3493	6.1558	0.307
16:03:32	11.0006	6.4153	0.3148
16:03:42	11.0232	6.4158	0.3219
16:03:52	11.5118	6.0266	0.307
16:04:02	11.7689	5.81	0.3112
16:04:12	11.7064	5.8326	0.307
16:04:22	11.0827	6.3212	0.2987
16:04:32	10.8536	6.498	0.2987
16:04:42	11.4088	6.0856	0.291
16:04:52	11.4618	6.0284	0.291
16:05:02	11.1452	6.2843	0.291
16:05:12	11.3362	6.1635	0.2963
16:05:22	11.491	6.0612	0.307
16:05:32	11.6683	5.9308	0.2999
16:05:42	11.4582	6.0951	0.307
16:05:52	11.1089	6.3581	0.3136
16:06:02	11.1226	6.3528	0.3124
16:06:12	11.3779	6.1653	0.307
16:06:22	11.3475	6.2046	0.2826
16:06:32	11.6373	5.9903	0.307
16:06:42	12.12	5.5946	0.3148
16:06:52	12.0325	5.647	0.3088
16:07:02	11.4011	6.1611	0.2987

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:07:12	11.3743	6.1951	0.3112
16:07:22	11.2963	6.2611	0.3124
16:07:32	11.5671	6.0415	0.2987
16:07:42	11.8569	5.8279	0.307
16:07:52	11.5749	6.085	0.307
16:08:02	11.5386	6.1141	0.2939
16:08:12	11.6356	6.0255	0.2838
16:08:22	11.8605	5.8368	0.2987
16:08:32	12.0706	5.6654	0.2987
16:08:42	12.1468	5.6119	0.307
16:08:52	12.4425	5.3744	0.2862
16:09:02	12.6449	5.2286	0.2826
16:09:12	12.7228	5.1625	0.2826
16:09:22	12.6562	5.2125	0.291
16:09:32	12.4044	5.3869	0.2963
16:09:42	12.5169	5.2714	0.2826
16:09:52	12.3092	5.3946	0.2826
16:10:02	12.477	5.2548	0.2749
16:10:12	12.4866	5.2459	0.2749
16:10:22	12.3188	5.35	0.2826
16:10:32	12.3527	5.3363	0.2838
16:10:42	12.2705	5.3946	0.2886
16:10:52	12.2021	5.444	0.291
16:11:02	11.9581	5.6095	0.2951
16:11:12	11.6373	5.8303	0.291
16:11:22	11.3779	6.0118	0.2826
16:11:32	11.1642	6.1582	0.291
16:11:42	10.5197	6.6563	0.291
16:11:52	10.3001	6.8372	0.291
16:12:02	10.3329	6.8187	0.307
16:12:12	10.312	6.8211	0.307
16:12:22	10.2067	6.8961	0.3148
16:12:32	10.2549	6.9134	0.3148
16:12:42	10.3216	6.9038	0.307
16:12:52	10.8173	6.6063	0.291
16:13:02	11.2315	6.348	0.2987
16:13:12	11.4808	6.1754	0.3011
16:13:22	11.7367	5.9868	0.307
16:13:32	11.8456	5.91	0.3082
16:13:42	11.8986	5.8636	0.3148
16:13:52	12.1105	5.6791	0.3148
16:14:02	12.4175	5.4244	0.3148
16:14:12	12.5378	5.3244	0.3148
16:14:22	12.4027	5.419	0.3047

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:14:32	12.2955	5.5137	0.2749
16:14:42	12.2021	5.5684	0.2701
16:14:52	11.779	5.9064	0.2749
16:15:02	11.6034	6.0504	0.2826
16:15:12	11.5612	6.0957	0.291
16:15:22	11.5725	6.0725	0.2826
16:15:32	11.4297	6.1599	0.2826
16:15:42	11.3493	6.2064	0.2803
16:15:52	11.3094	6.2314	0.3058
16:16:02	11.4088	6.1546	0.2933
16:16:12	11.3422	6.1915	0.2886
16:16:22	11.4755	6.0659	0.2975
16:16:32	11.7939	5.8082	0.2987
16:16:42	11.8986	5.7166	0.2862
16:16:52	11.8819	5.7356	0.2826
16:17:02	12.0474	5.5869	0.291
16:17:12	11.9658	5.638	0.2749
16:17:22	11.6683	5.8898	0.2951
16:17:32	11.319	6.1671	0.3915
16:17:42	11.1184	6.2879	0.3755
16:17:52	10.9315	6.4224	0.3743
16:18:02	10.6917	6.5944	0.3445
16:18:12	10.8405	6.47	0.3368
16:18:22	11.1071	6.2617	0.3285
16:18:32	11.3588	6.0641	0.3207
16:18:42	11.5386	5.9314	0.3517
16:18:52	11.5671	5.9612	0.4624
16:19:02	11.5171	5.9475	0.41
16:19:12	11.4487	6.0064	0.4153
16:19:22	11.6106	5.8535	0.4165
16:19:32	11.7195	5.8368	0.4933
16:19:42	11.5862	5.9118	0.4261
16:19:52	11.5534	5.9368	0.4153
16:20:02	11.3779	6.1022	0.41
16:20:12	11.2523	6.1951	0.3856
16:20:22	11.2868	6.1611	0.3814
16:20:32	11.3017	6.1564	0.379
16:20:42	11.313	6.1236	0.3832
16:20:52	11.4505	6.0195	0.4165
16:21:02	11.5689	5.9528	0.5106
16:21:12	11.5386	5.9392	0.5242
16:21:22	11.5118	5.9332	0.5004
16:21:32	11.491	5.9558	0.4612
16:21:42	11.851	5.6487	0.4338

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:21:52	12.3396	5.2893	0.4386
16:22:02	12.4193	5.2881	0.4546
16:22:12	12.0801	5.544	0.4302
16:22:22	11.9409	5.6601	0.46
16:22:32	11.832	5.7463	0.4909
16:22:42	11.8147	5.7493	0.4546
16:22:52	12.0646	5.547	0.41
16:23:02	12.0801	5.5547	0.41
16:23:12	12.0117	5.5976	0.4201
16:23:22	11.7463	5.7904	0.4326
16:23:32	11.6034	5.9017	0.4683
16:23:42	11.5707	5.929	0.532
16:23:52	11.51	5.9499	0.5451
16:24:02	11.4713	5.9451	0.5379
16:24:12	11.5058	5.9284	0.5165
16:24:22	11.5939	5.8451	0.5082
16:24:32	11.7576	5.7362	0.5492
16:24:42	11.7998	5.7094	0.5814
16:24:52	11.6546	5.8332	0.5873
16:25:02	11.4832	5.9653	0.5951
16:25:12	11.5766	5.9118	0.5998
16:25:22	11.729	5.8172	0.6284
16:25:32	11.9581	5.647	0.626
16:25:42	12.1146	5.5297	0.6236
16:25:52	12.1241	5.5244	0.6195
16:26:02	11.6564	5.9112	0.648
16:26:12	11.2142	6.2522	0.6718
16:26:22	10.9893	6.4319	0.6742
16:26:32	10.9869	6.4105	0.7349
16:26:42	11.0155	6.3807	0.8789
16:26:52	11.0482	6.3629	0.9075
16:27:02	11.0827	6.3385	0.8754
16:27:12	11.0958	6.3415	0.8599
16:27:22	11.0785	6.3534	0.8652
16:27:32	11.1035	6.329	0.8057
16:27:42	11.1815	6.2611	0.7403
16:27:52	11.313	6.1855	0.6903
16:28:02	11.3743	6.1826	0.6629
16:28:12	11.3838	6.1909	0.6492
16:28:22	11.3934	6.1915	0.657
16:28:32	11.3916	6.1903	0.8641
16:28:42	11.3951	6.1742	5.0905
16:28:52	11.3951	6.1701	3.4028
16:29:02	11.3969	6.1653	2.4869

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:29:12	11.3916	6.1659	2.0727
16:29:22	11.3969	6.1695	1.846
16:29:32	11.3898	6.1724	1.6907
16:29:42	11.3934	6.1701	1.5806
16:29:52	11.3951	6.1683	1.4937
16:30:02	11.3951	6.1671	1.411
16:30:12	11.3874	6.1689	1.3425
16:30:22	11.3951	6.1665	1.2854
16:30:32	11.3993	6.1605	1.2271
16:30:42	11.3993	6.1498	1.1902
16:30:52	11.3993	6.1415	1.1729
16:31:02	11.4011	6.1361	1.1467
16:31:12	11.4029	6.1385	1.1128
16:31:22	11.4166	6.1397	1.092
16:31:32	11.4237	6.1427	1.0462
16:31:42	11.4332	6.1415	1.02
16:31:52	11.4427	6.1397	0.9878
16:32:02	11.4618	6.1355	1.3128
16:32:12	11.4487	6.1361	1.386
16:32:22	11.4106	6.1308	1.1699
16:32:32	11.4695	6.1284	0.9855
16:32:42	11.4737	6.1266	0.9224
16:32:52	11.4564	6.1278	1.1253
16:33:02	11.4618	6.1266	1.4354
16:33:12	11.46	6.126	1.2955
16:33:22	11.4582	6.126	1.3199
16:33:32	11.4546	6.1213	1.2866
16:33:42	11.4546	6.1207	1.2473
16:33:52	11.4564	6.1171	1.2771
16:34:02	11.4677	6.1171	1.6204
16:34:12	11.4564	6.1147	1.4812
16:34:22	11.4564	6.1129	1.3116
16:34:32	11.4582	6.1141	1.2991
16:34:42	11.4642	6.1117	1.1134
16:34:52	11.4618	6.11	0.9158
16:35:02	11.4618	6.107	0.9212
16:35:12	11.4737	6.1046	1.2646
16:35:22	11.4332	6.104	1.3437
16:35:32	11.4487	6.1076	2.0989
16:35:42	11.46	6.1064	1.8609
16:35:52	11.4713	6.107	1.4717
16:36:02	11.46	6.1129	1.2533
16:36:12	11.466	6.0504	1.1949
16:36:22	11.4755	6.0445	1.4729

24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:36:32	11.4564	6.0469	1.3437
16:36:42	11.4582	6.0451	1.3538
16:36:52	11.4582	6.0439	0.9742
16:37:02	11.46	6.0439	0.8777
16:37:12	11.4523	6.0445	0.8516
16:37:22	11.4755	6.0463	0.8998
16:37:32	11.4564	6.0427	1.0414
16:37:42	11.4523	6.0421	1.0509
16:37:52	11.4564	6.0481	1.086
16:38:02	11.4523	6.0463	1.1045
16:38:12	11.4582	6.0469	1.1277
16:38:22	11.4546	6.0463	1.133
16:38:32	11.46	6.1231	0.8754
16:38:42	11.4642	6.1582	0.5242
16:38:52	11.479	6.1558	0.5165
16:39:02	11.5154	6.1629	0.5302
16:39:12	11.4886	6.1951	0.5629
16:39:22	11.466	6.2314	0.5504
16:39:32	11.7064	5.9219	0.532
16:39:42	14.5314	3.9021	0.5242
16:39:52	12.53	5.1608	0.5082
16:40:02	11.7689	5.7392	0.5254
16:40:12	11.363	6.0481	0.532
16:40:22	11.7004	5.7338	0.5242
16:40:32	11.8915	5.6011	0.529
16:40:42	11.3951	5.9886	0.5242
16:40:52	11.0803	6.148	0.5242
<b>End Run 3B</b>	<b>11.77403</b>	<b>5.857441</b>	<b>0.330443</b>
16:41:02	10.9643	6.2385	0.5165
16:41:12	10.806	6.3534	0.5165
16:41:22	10.831	6.3099	0.5242
16:41:32	10.8917	6.2683	0.5242
16:41:42	10.7584	6.3914	0.5403
16:41:52	10.4584	6.6229	0.5165
16:42:02	10.4436	6.6099	0.5022
16:42:12	10.7048	6.4153	0.5082
16:42:22	10.7298	6.4153	0.5034
16:42:32	10.5465	6.5575	0.5022
16:42:42	10.4912	6.589	0.4945
16:42:52	10.5025	6.5724	0.4832
16:43:02	10.7334	6.3849	0.4772
16:43:12	11.0863	6.1141	0.4558
16:43:22	11.3285	5.9207	0.46
16:43:32	11.4332	5.8225	0.4386



24 hour time	O2 (% )	CO2 (% )	THC (ppm )
16:43:42	11.4106	5.8416	0.4475
16:43:52	11.4523	5.8207	0.4302
16:44:02	10.8209	6.3575	0.4225
16:44:12	10.4203	6.6569	0.4225
16:44:22	10.4989	6.5664	0.4064
16:44:32	10.9244	6.2212	0.4076
16:44:42	10.6703	6.4402	0.3915
16:44:52	10.3293	6.7009	0.3993
16:45:02	10.293	6.7336	0.3993
16:45:12	10.4471	6.6456	0.3915
16:45:22	10.6001	6.5741	0.3892
16:45:32	11.0006	6.3307	0.3755
16:45:42	11.651	5.8749	0.3683
16:45:52	11.9962	5.6315	0.3731
16:46:02	12.2212	5.4857	0.3677
16:46:12	12.4443	5.3613	0.3606
16:46:22	12.4824	5.3821	0.3767
16:46:32	12.4253	5.4333	0.3683
16:46:42	12.4366	5.4464	0.3683
16:46:52	12.6371	5.2881	0.3677
16:47:02	13.0281	5.0185	0.3677
16:47:12	13.1656	4.9483	0.3535
16:47:22	12.8924	5.1465	0.3529
16:47:32	12.868	5.1524	0.3398
16:47:42	13.1959	4.9221	0.3421
16:47:52	13.1596	4.9596	0.3386
16:48:02	12.9537	5.1012	0.3445
16:48:12	13.6595	4.5567	0.3285
16:48:22	14.7754	3.764	0.3261
16:48:32	15.4413	3.2725	0.3261
16:48:42	15.7787	2.9987	0.3285
16:48:52	15.6335	3.0618	0.3285
16:49:02	14.9545	3.451	0.3368
16:49:12	14.354	3.7801	0.3285
16:49:22	14.0922	3.9086	0.2987
16:49:32	14.0446	3.9241	0.3011
16:49:42	14.0178	3.9271	0.307
16:49:52	13.997	3.933	0.285
16:50:02	13.9987	3.9265	0.2826
16:50:12	13.9821	3.9366	0.3082
16:50:22	13.6881	4.0872	0.3124
16:50:32	13.3007	4.2734	0.307
16:50:42	12.965	4.4567	0.3088
16:50:52	12.721	4.5942	0.307

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
16:51:02	12.561	4.69	0.2963
16:51:12	12.4461	4.7561	0.2987
16:51:22	12.2997	4.84	0.2933
16:51:32	12.2212	4.8811	0.285
16:51:42	12.1355	4.9459	0.2826
16:51:52	12.0783	4.9769	0.2951
16:52:02	11.992	5.0138	0.2987
16:52:12	11.8986	5.0679	0.3088
16:52:22	14.7867	1.5252	4.2139
16:52:32	2.2013	0.8789	0.4969
16:52:42	1.946	0.8843	0.1672
16:52:52	1.8466	0.8599	0.1166
16:53:02	1.8162	0.8551	0.0952
16:53:12	1.7895	0.8545	0.0857
16:53:22	1.7781	0.8563	0.088
16:53:32	1.7454	0.8468	0.0857
16:53:42	0.9593	0.4046	0.0297
16:53:52	0.088	0.0571	-0.0363
16:54:02	0.0345	0.041	-0.0298
16:54:12	0.0309	0.0369	-0.0274
16:54:22	0.0249	0.0327	-0.05
16:54:32	0.019	0.0351	-0.05
16:54:42	0.0154	0.0374	-0.0423
<b>Zero Bias</b>	<b>0.019767</b>	<b>0.035067</b>	<b>-0.04743</b>
16:54:52	0.0077	0.0369	-0.05
16:55:02	0.0113	0.0351	-0.0435
16:55:12	6.8193	2.7886	0.379
16:55:22	7.6912	6.9509	0.1583
16:55:32	9.8883	9.3075	0.0654
16:55:42	9.9931	9.3664	0.0505
16:55:52	9.9074	9.614	0.0136
16:56:02	9.8425	9.689	0.0047
16:56:12	9.8467	9.6997	-0.0114
16:56:22	9.8693	9.6907	-0.0114
16:56:32	9.8788	9.6979	-0.0078
16:56:42	9.8711	9.7015	-0.0191
16:56:52	9.8711	9.7098	-0.0191
<b>O2/CO2 Bias</b>	<b>9.873667</b>	<b>9.703067</b>	<b>-0.01533</b>
16:57:02	9.8728	9.6854	0.1612
16:57:12	12.1051	5.0679	0.6695
16:57:22	18.7408	0.5546	11.3761
16:57:32	19.9769	0.2689	14.6641
16:57:42	20.0495	0.2213	14.8819
16:57:52	20.0741	0.1999	14.9307

	O2	CO2	THC
24 hour time	(% )	(% )	(ppm )
16:58:02	20.1084	0.1547	14.97
16:58:12	20.1275	0.1398	14.9896
16:58:22	20.1406	0.1237	14.9896
16:58:32	20.1597	0.11	14.9884
16:58:42	20.1713	0.0952	15.0021
16:58:52	20.1658	0.0964	15.0045
<b>THC Mid Bias</b>	<b>20.1656</b>	<b>0.100533</b>	<b>14.99833</b>
16:59:02	19.7841	0.4874	10.3299
16:59:12	12.5264	4.9239	0.9236
16:59:22	12.0438	4.9941	0.4945
16:59:32	11.9754	5.028	0.4362
16:59:41	11.9754	5.028	0.4362