APPENDIX A

FORMS

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Approval Expires 06/30/2015

Federal Operating Permit Program (40 CFR Part 71)

GENERAL INFORMATION AND SUMMARY (GIS)

A. Mailing Address and Contact Information

Facility name Veolia ES Technical Solutions

Mailing address: Street or P.O. Box #7 Mobile Avenue

City Sauget State IL ZIP 62201 - 1069

Contact person: Douglas Harris Title General Manager

Telephone (618) 271 - 2804 Ext. _____

Facsimile (618) 271 - 2128

B. Facility Location

Temporary source? ___Yes _X_No Plant site location #7 Mobile Avenue

City Sauget State IL County St. Clair EPA Region 5

Is the facility located within:

Indian lands? ___YES _X_ NO OCS waters? ___YES _X_ NO

Non-attainment area? _X_ YES ___NO If yes, for what air pollutants? Ozone, PM2.5

Within 50 miles of affected State? _X_ YES __ NO If yes, What State(s)? MO

C. Owner

Name Veolia ES Technical Solutions Street/P.O. Box 700 East Butterfield Road, Suite 201

City Lombard State IL ZIP 60148 - _____

Telephone (630) 218 - 1756 Ext_____

D. Operator

Name Veolia ES Technical Solutions Street/P.O. Box #7 Mobile Avenue

City Sauget State IL ZIP 62201 - 1069

Telephone (618) 271 - 2804 Ext_____

E. Application Type

Mark only one permit application type and answer the supplementary question appropriate for the type marked.

___Initial Permit __X__ Renewal ___ Significant Mod ___ Minor Permit Mod(MPM)

___ Group Processing, MPM ___ Administrative Amendment

For initial permits, when did operations commence? _____ /_____ /_____

For permit renewal, what is the expiration date of current permit? __10__ / __12__ / __2013__

F. Applicable Requirement Summary

Mark all types of applicable requirements that apply.

__X__ SIP	___ FIP/TIP	___ PSD	___Non-attainment NSR
__X__ Minor source NSR	___ Section 111	___ Phase I acid rain	___Phase II acid rain
___ Stratospheric ozone	___ OCS regulations	__X__ NESHAP	___ Sec. 112(d) MACT
___ Sec. 112(g) MACT	___ Early reduction of HAP	___ Sec 112(j) MACT	___ RMP [Sec.112(r)]

___ Tank Vessel requirements, sec. 183(f)) ___ Section 129 Standards/Requirement

___ Consumer / comm.. products, § 183(e) ___ NAAQS, increments or visibility (temp. sources)

Has a risk management plan been registered? ___YES ___NO Regulatory agency _____

Phase II acid rain application submitted? ___YES __X__NO If yes, Permitting authority _____

G. Source-Wide PTE Restrictions and Generic Applicable Requirements

Cite and describe any emissions-limiting requirements and/or facility-wide "generic" applicable requirements.

40 CFR 71.6(a)(3)(ii) General Part 71 Recordkeeping.
40 CFR 71.6(a)(3)(iii) General Part 71 Reporting.
40 CFR 71.6(a)(3)(I) Performance Testing Facilities Provided.
35 IAC 212.301 Fugitive particulate emissions beyond the property line prohibited.
35 IAC 237.102 Open burning is prohibited except as provided by regulation.
35 IAC 212.123(a) Opacity is limited to less than 30% from any emission unit unless subject to other requirements.
40 CFR Part 82 Standards for recycling and emissions reduction of ozone depleting substances.
35 IAC 244 Subpart C Maintain onsite a written Episode Action Plan.
40 CFR 61 Subpart FF Calculation of total annual benzene quantity and any applicable requirements as indicated.

H. Process Description

List processes, products, and SIC codes for the facility.

Process	Products	SIC
Refuse Systems	Not applicable	4953

I. Emission Unit Identification

Assign an emissions unit ID and describe each emissions unit at the facility. Control equipment and/or alternative operating scenarios associated with emissions units should by listed on a separate line. Applicants may exclude from this list any insignificant emissions units or activities.

Emissions Unit ID	Description of Unit
Incineration Unit #2	Fixed Hearth Incinerator with Maximum Heat Capacity of 16 mmBtu/hr.
SDA-2	Spray Dryer Absorber air pollution control device for Unit #2.
BH-2	Fabric Filter air pollution control device for Unit #2.
Incineration Unit #3	Fixed Hearth Incinerator with Maximum Heat Capacity of 16 mmBtu/hr.
SDA-3	Spray Dryer Absorber air pollution control device for Unit #3.
BH-3	Fabric Filter air pollution control device for Unit #3.
Incineration Unit #4	Rotary Kiln Incinerator (transportable) with Maximum Heat Capacity of 50 mmBtu/hr.
	Tempering Chamber for Unit #4.
	Activated Carbon Injection in Unit #4.
SDA-4	Spray Dryer Absorber air pollution control device for Unit #4.
BH-4	Fabric Filter air pollution control device for Unit #4.
Material Processing Area #1 (MP-1)	Waste Processing Areas #1 for processing/packaging of waste and repackaging of containerized waste.
Material Processing Area #2 (MP-2)	Waste Processing Areas #2 for processing/packaging of waste and repackaging of containerized waste.
	Activated Carbon Absorption pollution control device for MP-2.
Lab Pack Repack Area	Waste Processing processing/packaging and repackaging of lab pack wastes.
Drum Crusher	Empty drums are crushed in a three-sided partial enclosure.
Storage Tanks for Liquid Wastes and #2 Fuel Oil	Tanks: #2 (4,391 gals.), #4 (4,931 gals.), #6 (7,200 gals.), #8 (5,820 gals.), #10 (12,869 gals.), #20 (12,869 gals.), #30 (12,869 gals.), #40 (12,869 gals.), #50 (12,869 gals.), #60 (12,869 gals.), #300 (19,850 gals.), #302 (30,000 gals.), #304 (30,000 gals.), #306 (30,000 gals.), #308 (30,000 gals.), #310 (30,000 gals.), #312 (10,000 gals.), #314 (10,000 gals.).
	Activated Carbon Absorption pollution control devices for Storage Tank Vents.
Storage Tank for #2 Fuel Oil	Tank #390 (30,000 gals.)

Bulk Feed Building	Temporary storage of bulk solid wastes before being fed to Incineration Unit #4.
BF Bldg - CA	Activated Carbon Absorption System pollution control devices for Bulk Feed Building.
BF Bldg – BH-1	Baghouse with cyclone precleaner air pollution control devices for Bulk Feed Building.
Boiler #1	Natural gas-fired Boiler with Maximum Heat Capacity of 10.6 mmBtu/hr used for generating steam for the facility.
EGEN1, EGEN2	#2 Fuel oil-fired Emergency Generators with Maximum Heat Capacity of 0.40 mmBtu/hr.
Fugitive Emissions	Pumps, valves, open-end lines and compressors.

J. Facility Emissions Summary

Enter potential to emit (PTE) for the facility as a whole for each air pollutant listed below. Enter the name of the single HAP emitted in the greatest amount and its PTE. For all pollutants stipulations to major source status may be indicated by entering "major" in the space for PTE. Indicate the total actual emissions for fee purposes for the facility in the space provided. Applications for permit modifications need not include actual emissions information.

NOx 74.11 tons/yr VOC 15.63 tons/yr SO2 66.19 tons/yr

PM-10 12.55 tons/yr CO 30.85 tons/yr Lead < 0.10 tons/yr

Total HAP 21.41 tons/yr

Single HAP emitted in the greatest amount Benzene PTE 0.38 tons/yr

Total of regulated pollutants (for fee calculation), Sec. F, line 5 of form FEE N/A tons/yr

K. Existing Federally-Enforceable Permits

Permit number(s) V-IL-1716300103-08-01 Permit type Title V Permitting authority EPA

Permit number(s) _____ Permit type _____ Permitting authority _____

L. Emission Unit(s) Covered by General Permits

Emission unit(s) subject to general permit Not applicable

Check one: ___ Application made ___ Coverage granted

General permit identifier _____ Expiration Date ____/____/____

M. Cross-referenced Information

Does this application cross-reference information? _X_ YES ___ NO (If yes, see instructions)

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Approval Expires 6/30/2015

Federal Operating Permit Program (40 CFR Part 71)

CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS (CTAC)

This form must be completed, signed by the "Responsible Official" designated for the facility or emission unit, and sent with each submission of documents (i.e., application forms, updates to applications, reports, or any information required by a part 71 permit).

A. Responsible Official

Name: (Last) Harris (First) Doug (MI) ____

Title General Manager

Street or P.O. Box #7 Mobile Avenue

City Sauget State IL ZIP 62201 - 1069

Telephone (618) 271 - 2804 Ext. ____ Facsimile (____) ___ - _____

B. Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) Doug Harris

Name (typed) Doug Harris Date: 8 / 15 / 13

U.S. ENVIRONMENTAL PROTECTION AGENCY

APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM IE - INSIGNIFICANT EMISSIONS

INSTRUCTIONS: List each source eligible for insignificant treatment under § 71.5(c)(11)(ii). In the "number" column, indicate the number of units qualifying under each description. Each description must be specific enough to describe the source of emissions. List emission units separately if they have dissimilar descriptions, including dissimilar capacities or sizes and other factors. Please check the appropriate column to indicate whether the source meets the emissions criteria under § 71.5(c)(11)(ii)(A) and (B) for regulated air pollutants except hazardous air pollutant (RAP, except HAP), and for HAP, respectively.

Number	Description of Activities or Emission Units	RAP, except HAP	HAP
1	2.5 mmBtu/hr Tioga portable boiler		
1	Horizontal 550-gallon tank		
1	Horizontal 550-gallon tank (No. 1 diesel)		
1	Horizontal 550-gallon, tank (No. 2 fuel oil)		
1	Horizontal 1,500-gallon tank (No. 1 diesel)		
1	Ash Handling		
1	Handling of spent dry scrubber solids (DSS)		
1	Lime unloading (silo) and proportioning		
1	Gasoline storage and dispensing		
1	Use of absorbent		

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

ORM PTE - POTENTIAL TO EMIT SUMMARY

INSTRUCTIONS: Complete this form once for the facility. You may find it helpful to complete form **EMISS** for each emissions unit before completing this form. For each emissions unit with emissions that count towards applicability, list the emissions unit ID and the PTE for the air pollutants listed below. If there are other air pollutants not listed below for which the source is a major source, provide attachments naming the air pollutant and showing calculation of the total for that pollutant. Round values to the nearest tenth of a ton. Add all values together in each column and enter the total in the space provided at the bottom of the table. Also report these totals in section J of form **GIS**.

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which the Source is Major						
	NOx (tons/yr)	VOC (tons/yr)	SO2 (tons/yr)	PM10 (tons/yr)	CO (tons/yr)	Lead (tons/yr)	HAP (tons/yr)
Unit 2	4.0	0.9	7.7	2.53	6.6	0.0202	4.166
Unit 3	4.0	0.9	7.7	2.53	6.6	0.0202	12.19
Unit 4	61.6	3.1	50.76	7.15	13.86	0.0564	11.78
Lab Pack Repack		1.45					0.2418
Material Processing 1		0.2387					0.0495
Material Processing 2		0.2387					0.0495
Drum Crusher		3.87					0.9356
Tank 2		0.0230					2.18E-05
Tank 4		0.0252					2.47E-04
Tank 6		0.0079					7.73E-06
Tank 8		0.0100					9.61E-06
Tank 10		0.1871					1.82E-05
Tank 20		0.0316					3.11E-05
Tank 30		0.2584					2.55E-04
Tank 40		0.0323					3.07E-05

	Tank 50		0.0088					8.03E-06

TOTALS TOTAL ON 2ND FORM

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM PTE - POTENTIAL TO EMIT SUMMARY

INSTRUCTIONS: Complete this form once for the facility. You may find it helpful to complete form **EMISS** for each emissions unit before completing this form. For each emissions unit with emissions that count towards applicability, list the emissions unit ID and the PTE for the air pollutants listed below. If there are other air pollutants not listed below for which the source is a major source, provide attachments naming the air pollutant and showing calculation of the total for that pollutant. Round values to the nearest tenth of a ton. Add all values together in each column and enter the total in the space provided at the bottom of the table. Also report these totals in section **J** of form **GIS**.

Emissions Unit ID	Regulated Air Pollutants and Pollutants for which the Source is Major						
	NOx (tons/yr)	VOC (tons/yr)	SO2 (tons/yr)	PM10 (tons/yr)	CO (tons/yr)	Lead (tons/yr)	HAP (tons/yr)
Tank 60		0.0512					4.98E-05
Tank 300		0.0287					2.71E-05
Tank 302		0.1894					1.84E-04
Tank 304		0.0567					5.45E-05
Tank 306		0.0993					9.59E-05
Tank 308		0.2218					2.14E-04
Tank 310		0.2569					2.84E-04
Tank 312		0.3517					3.42E-04
Tank 314		0.2117					2.05E-04
Bulk Solids Storage		2.56					0.0188
Fugitive Equipment Leaks		0.0738					0.0001
Boiler 1	4.51	0.248	0.027	0.343	3.79		

TOTALS	74.11	15.63	66.19	12.55	30.85	0.0968	21.41

EPA United States Environmental Protection Agency

OMB No. 2060-0336, Approval Expires 06/30/2015

Federal Operating Permit Program (40 CFR Part 71)

INITIAL COMPLIANCE PLAN AND COMPLIANCE CERTIFICATION (I-COMP)

SECTION A - COMPLIANCE STATUS AND COMPLIANCE PLAN

Complete this section for each unique combination of applicable requirements and emissions units at the facility. List all compliance methods (monitoring, recordkeeping and reporting) you used to determine compliance with the applicable requirement described above. Indicate your compliance status at this time for this requirement and compliance methods and check "YES" or "NO" to the follow-up question.

Emission Unit ID(s): **SEE SECTION V OF THE APPLICATION ADDENDUM NARRATIVE AND ATTACHMENT A**

Applicable Requirement (Describe and Cite)

SEE SECTION IV OF THE APPLICATION NARRATIVE

Compliance Methods for the Above (Description and Citation):

SEE SECTION VI OF THE APPLICATION NARRATIVE

Compliance Status: **SEE ATTACHMENT B**

___ In Compliance: Will you continue to comply up to permit issuance? ____Yes ____No

___ Not In Compliance: Will you be in compliance at permit issuance? ___Yes ___No

___ Future-Effective Requirement: Do you expect to meet this on a timely basis? ____Yes ____No

Emission Unit ID(s): **SEE SECTION VI OF THE APPLICATION ADDENDUM NARRATIVE AND ATTACHMENT A**

Applicable Requirement (Description and Citation):

SEE SECTION IV OF THE APPLICATION NARRATIVE

Compliance Methods for the Above (Description and Citation):

SEE SECTION VI OF THE APPLICATION NARRATIVE

Compliance Status: **SEE ATTACHMENT B**

___ In Compliance: Will you continue to comply up to permit issuance? ____Yes ____No

___ Not In Compliance: Will you be in compliance at permit issuance? ___Yes ___No

___ Future-Effective Requirement: Do you expect to meet this on a timely basis? ____Yes ____No

B. SCHEDULE OF COMPLIANCE

Complete this section if you answered "NO" to any of the questions in section A. Also complete this section if required to submit a schedule of compliance by an applicable requirement. Please attach copies of any judicial consent decrees or administrative orders for this requirement.

Unit(s) NA Requirement

Reason for Noncompliance. Briefly explain reason for noncompliance at time of permit issuance or that future-effective requirement will not be met on a timely basis:

Narrative Description of how Source Compliance Will be Achieved. Briefly explain your plan for achieving compliance:

Schedule of Compliance. Provide a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance, including a date for final compliance.

Remedial Measure or Action	Date to be Achieved

C. SCHEDULE FOR SUBMISSION OF PROGRESS REPORTS

Only complete this section if you are required to submit one or more schedules of compliance in section B or if an applicable requirement requires submittal of a progress report. If a schedule of compliance is required, your progress report should start within 6 months of application submittal and subsequently, no less than every six months. One progress report may include information on multiple schedules of compliance.

Contents of Progress Report (describe):
NOT APPLICABLE

First Report____/____/___ Frequency of Submittal_____

Contents of Progress Report (describe):

First Report____/____/___ Frequency of Submittal_____

D. SCHEDULE FOR SUBMISSION OF COMPLIANCE CERTIFICATIONS

This section must be completed once by every source. Indicate when you would prefer to submit compliance certifications during the term of your permit (at least once per year).

Frequency of submittal ANNUALLY Beginning____/____/____

E. COMPLIANCE WITH ENHANCED MONITORING & COMPLIANCE CERTIFICATION REQUIREMENTS

This section must be completed once by every source. To certify compliance with these, you must be able to certify compliance for every applicable requirement related to monitoring and compliance certification at every unit.

Enhanced Monitoring Requirements: _X_ In Compliance ____ Not In Compliance

Compliance Certification Requirements: _X_ In Compliance ____ Not In Compliance

I-COMP ATTACHMENT A

Source Description

The Veolia facility is comprised of emission units that have been grouped into twelve defined source emission points. There have been no physical changes to the existing emission units as described in the original Title V permit application. No emission units have been added since the original Title V permit became effective (October 12, 2008). The grouped sources, therefore, are provided below as they are listed in Permit #V-IL-1716300103-08-01, Section (1.0)(B).

Emission Unit	Description	Manufacturer /Model	Date of Construction	Emission Control Equipment
Hazardous Waste Combustors	Incineration Unit #2 (16 mmBtu/hr)	Trade Waste Incineration TWI-2000, Series 2	9/1986	Joy-Niro Spray Dryer Absorber (SDA-2), Pulse Flo Fabric Filter (BH-2)
	Incineration Unit #3 (16 mmBtu/hr)	Trade Waste Incineration TWI-2000, Series 2	9/1986	Joy-Niro Spray Dryer Absorber (SDA-3), Pulse Flo Fabric Filter (BH-3)
	Incineration Unit #4 (50 mmBtu/hr)	International Waste Energy, PY*ROX	6/1988	Tempering Chamber, Activated Carbon Injection, Spray Dryer Absorber (SDA-4), Fabric Filter (BH-4)
Material Processing Areas	Material Processing Areas #1 and #2 (MP-1 and MP-2)		1988	None
	Lab Pack Repack Area		1988	None
Drum Crusher	Crushing of RCRA-empty containers		1984	None
Storage Tanks for Liquid Wastes	Tanks: #2, #4, #6, #8, #10, #20, #30, #40, #50, #60, #300, #302, #304, #306, #308, #310, #312, #314	Modern Welding	1988 2&4 replaced in- kind 4/2002 10&20 replaced in-kind 6/2004 30 replaced in-kind 3/2009	Activated Carbon Adsorbers on each
Storage Tank for #2 Fuel Oil	Tanks #390	Modern Welding	1988	None
Bulk Feed Building (BF Bldg)	Temporary storage of bulk solid wastes in pits prior to being fed to Incineration Unit #4		1988	Cyclone, Airtol Baghouse (BF Bldg-BH-1), Activated Carbon Adsorption Unit (BF Bldg-CA)
Gasoline Storage Tank	550-gallon tank with submerged loading pipe		1992 replaced in-kind 6/2012	None
Diesel Fuel Tank (Insignificant)	550-gallon tank		1992 replaced in kind 6/2012	None
Kerosene Tank (Insignificant)	550-gallon tank		1992 replaced in kind 6/2012	None

I-COMP ATTACHMENT A

Emission Unit	Description	Manufacturer /Model	Date of Construction	Emission Control Equipment
Boiler #1	Natural gas-fired Boiler (10.6 mmBtu/hr)	Cleaver Brooks, 250	11/1995	None
Emergency Generators -2	#2 Fuel oil-fired (0.4 MMBtu/hr ea.)		1988	None
Fugitive Emissions	Pumps, Valves, Flanges, Open-ended Lines, Compressors		N/A	None

Descriptions of emission units and control equipment are provided on the standard application forms EUD-1 and EUD-2 found in Section VI of this document.

I-COMP ATTACHMENT B

A description of the compliance status of the source with respect to all applicable requirements as required in 40 CFR 71.5(c)(8)(i).

APPLICABLE REQUIREMENT	COMPLIANCE STATUS AT TIME OF APPLICATION?		COMPLIANCE PLAN STATEMENT
	IN COMPLIANCE	NOT IN COMPLIANCE	
Facility Wide Requirements			
Fugitive Particulate Matter [35 IAC 212.301]	✓		Will continue to comply
Open Burning Prohibitions [35 IAC 237.102]	✓		Will continue to comply
Organic Emissions from Pumps and Compressors [35 IAC 219.142]	✓		Will continue to comply
NESHAP from Off-site Waste and Recovery Operations: Equipment Leaks [40 CFR 63.691(b)(1); 40 CFR 61 Subpart V]	✓		Will continue to comply
Prevention of Significant Deterioration and Nonattainment New Source Review	✓		Will continue to comply
Incinerators: Unit 2, 3, 4 Requirements			
Visible Emissions Limitations [35 IAC 212.123]	✓		Will continue to comply
Fugitive Particulate Matter [35 IAC 212.301 and 212.314]	✓		Will continue to comply
Sulfur Dioxide Annual Emission Limitations [Construction Permits #87100024 and #88010001]	✓		Will continue to comply
Carbon Monoxide Limit [40 CFR 63.1219(a)(5)]	✓		Will continue to comply
·bon Monoxide Limitations for Incinerators (35 IAC 216.1411, Construction Permits #83120053, #87100024 and #88010001]	✓		Will continue to comply
Carbon Monoxide Annual Emission Limitations [Construction Permits #87100024 and #88010001]	✓		Will continue to comply
Particulate Matter Limitations for Incinerators [35 IAC 212.181(b); Construction Permit #83120053]	✓		Will continue to comply
Particulate Matter Limitation [40 CFR 63.1219(a)(7)]	✓		Will continue to comply
Particulate Annual Emission Limitations [Construction Permits #87100024 and #88010001]	✓		Will continue to comply
Use of Organic Material [35 IAC 219.301 and 219.302]	✓		Will continue to comply
Volatile Organic Material Annual Emission Limitations [Construction Permits #87100024 and #88010001]	✓		Will continue to comply
Nitrogen Oxide Annual Emission Limitation [Construction Permits #87100024 and #88010001]	✓		Will continue to comply
Dioxin/Furan Emission Limitation [40 CFR 63.1219(a)(1)	✓		Will continue to comply
Mercury Emission Limitation [40 CFR 63.1219(a)(2)	✓		Will continue to comply
Semi-Volatile Metal Emission Limitation [40 CFR 63.1219(a)(3)	✓		Will continue to comply
Low Volatile Metal Emission Limitation [40 CFR 63.1219(a)(4)	✓		Will continue to comply
ızene Waste Operations [40 CFR 61.348(a)(1)(iii)]	✓		Will continue to comply
Off-Site Waste Recovery Operations [40 CFR 63.689(c)(2)]	✓		Will continue to comply
Hydrogen Chloride Emission Limitation [40 CFR	✓		Will continue to comply

I-COMP ATTACHMENT B

63.1219(a)(6)]			
Hydrogen Chloride Emission Limitation [Construction ...mits #83120053 and #87100024]	✓		Will continue to comply
DRE Standard [40 CFR 63.1219(c)(1) through (c)(3)]	✓		Will continue to comply
Operating Parameter Limits [40 CFR 63.1206(a) & (b), and 63.1209(j) through (p)]	✓		Will continue to comply
Documentation of Compliance [40 CFR 63.1206(c)(1) and 63.1211(c)]	✓		Will continue to comply
Startup, Shutdown and Malfunction [40 CFR 63.1206(c)(2) and 63.6(e)(3)]	✓		Will continue to comply
Automatic Waste Feed Cut-off System [40 CFR 63.1206(c)(3) and 35 IAC 201.149]	✓		Will continue to comply
Emergency Safety Vent Operations [40 CFR 63.1206(c)(4)]	✓		Will continue to comply
Combustion System Leaks [40 CFR 63.1206(c)(5)]	✓		Will continue to comply
Personnel Training [40 CFR 63.1206(c)(6)]	✓		Will continue to comply
Operation and Maintenance Plan [40 CFR 63.1206(c)(7) and 63.6(e)]	✓		Will continue to comply
CEMS and COMS [40 CFR 63.1209(a)(1)(i) and (a)(1)(iii)	✓		Will continue to comply
CEMS and COMS [40 CFR 63.1209(a)(2)]	✓		Will continue to comply
CEMS and COMS [40 CFR 63.1209(a)(5) and 63.8(f)]	✓		Will continue to comply
CEMS and COMS [40 CFR 63.1209(a)(6)]	✓		Will continue to comply
CMS [40 CFR 63.1209(b)(1) and (b)(2)	✓		Will continue to comply
CMS [40 CFR 63.1209(b)(3)]	✓		Will continue to comply
CMS [40 CFR 63.1209(b)(4)]	✓		Will continue to comply
CMS [40 CFR 63.1209(b)(5)]	✓		Will continue to comply
BLDS [40 CFR 63.1206(c)(8)]	✓		Will continue to comply
Feedstream Analysis Plan [40 CFR 63.1209(c)]	✓		Will continue to comply
CEMS and CMS Performance Evaluations [40 CFR 63.1209(d), 63.8(d) and 63.8(e)]	✓		Will continue to comply
Conduct of Monitoring [40 CFR 63.1209(e) and 63.8(b)]	✓		Will continue to comply
CMS Operation and Maintenance [40 CFR 63.1209(f) and 63.8(c)]	✓		Will continue to comply

I-COMP ATTACHMENT B

Reduction of Monitoring Data [40 CFR 63.1209(h) and 63.8(g)]	✓		Will continue to comply
rating Parameters for Multiple Standards [40 CFR 1209(i) through (p)	✓		Will continue to comply
Operating Parameter Limit Averaging Periods [40 CFR 63.1209(r)]	✓		Will continue to comply
Changes to the Source [40 CFR 63.1206(b)(5)(i)(B)]	✓		Will continue to comply
CO and THC Emission Standard Compliance [40 CFR 63.1206(b)(6)]	✓		Will continue to comply
Performance Tests [40 CFR 63.1207(b)]	✓		Will continue to comply
Performance Test Frequency [40 CFR 63.1207(d)]	✓		Will continue to comply
Comprehensive Performance Test Plans [40 CFR 63.1207(f)(1)]	✓		Will continue to comply
Confirmatory Performance Test Plans [40 CFR 63.1207(f)(2)]	✓		Will continue to comply
Operating Conditions During Testing [40 CFR 63.1207(g)(a) and (g)(b) and (h)]	✓		Will continue to comply
Test Methods [40 CFR 63.1208]	✓		Will continue to comply
ure of Performance Test [40 CFR 63.1207(l)(1), 2) and (l)(3)	✓		Will continue to comply
Notification Requirements [40 CFR 63.1210(a) and 63.9 and 63.10]	✓		Will continue to comply
Reporting Requirements [40 CFR 63.1211(a) and 63.10]	✓		Will continue to comply
Recordkeeping Requirements [40 CFR 63.1211(b) and 63.10]	✓		Will continue to comply
Waste Processing Unit Requirements (MP-1 and MP-2)			
Visible Emissions Limitations [35 IAC 212.123]	✓		Will continue to comply
Use of Organic Material [35 IAC 219.301]	✓		Will continue to comply
Off-site Waste and Recovery Operations [40 CFR 63 Subpart DD]	✓		Will continue to comply
Benzene Waste Operations [40 CFR 61 Subpart FF]	✓		Will continue to comply
Containers – Level 1 Controls [40 CFR 63.922 and 63.925]	✓		Will continue to comply
Containers – Level 1 Controls [40 CFR 71.6(a)(3)]	✓		Will continue to comply
Emission Calculation Requirements [40 CFR 71.6(a)(3)(i)(B)]	✓		Will continue to comply
.o Pack Repack Processing Unit (LPR)			
Visible Emissions Limitations [35 IAC 212.123]	✓		Will continue to comply
Use of Organic Material [35 IAC 219.301]	✓		Will continue to comply

I-COMP ATTACHMENT B

Off-site Waste and Recovery Operations [40 CFR 63 Subpart DD]	✓		Will continue to comply
,zene Waste Operations [40 CFR 61 Subpart FF]	✓		Will continue to comply
Containers – Level 1 Controls [40 CFR 63.922 and 63.925]	✓		Will continue to comply
Containers – Level 1 Controls [40 CFR 71.6(a)(3)]	✓		Will continue to comply
Emission Calculation Requirements [40 CFR 71.6(a)(3)(i)(B)]	✓		Will continue to comply
Liquid Waste Storage Tank Requirements			
Use of Organic Material [35 IAC 219.301]	✓		Will continue to comply
Organic Material Emission from Pumps and Compressors [35 IAC 219.142]	✓		Will continue to comply
Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 [40 CFR 60 Subpart Kb]	✓		Will continue to comply
Storage Tanks [35 IAC 219.122 and 219.129]	✓		Will continue to comply
NESHAP for Benzene Waste Operations [40 CFR 61 Subpart FF]	✓		Will continue to comply
-Site Waste and Recovery Operations [40 CFR 63 Subpart DD]	✓		Will continue to comply
Monitoring and Testing [40 CFR 71.6(a)(3)(i)(A) and (B)]	✓		Will continue to comply
Recordkeeping [40 CFR 71.6(a)(3)]	✓		Will continue to comply
Organic Material Emissions [CP #88030101]	✓		Will continue to comply
Bulk Solid Waste Storage Facility Requirements			
Particulate Emission from Process Units for Which Construction or Modification Commenced On or After April 14, 1972	✓		Will continue to comply
Use of Organic Material [35 IAC 219.301]	✓		Will continue to comply
Visible Emissions Limitations [35 IAC 212.123]	✓		Will continue to comply
NESHAP for Benzene Waste Operations [40 CFR 61 Subpart FF]	✓		Will continue to comply
NESHAP for Off-site Waste and Recovery Operations [40 CFR 63 Subpart DD]	✓		Will continue to comply
Work Practice and Operational Requirements [40 CF 71.6(a)(1)]	✓		Will continue to comply
Monitoring and Testing [40 CFR 71.6(a)(3)(i)(A) and (B)]	✓		Will continue to comply
. .ecordkeeping [40 CFR 71.6(a)(3)]	✓		Will continue to comply
Drum Crusher Requirements			

I-COMP ATTACHMENT B

Use of Organic Material [35 IAC 219.301]	✓		Will continue to comply
Particulate Matter Limitations [35 IAC 219.301]	✓		Will continue to comply
ole Emissions Limitations [35 IAC 212.123]	✓		Will continue to comply
Monitoring and Testing [40 CFR 71.6(a)(3)(i)(A) and (B)]	✓		Will continue to comply
Recordkeeping [40 CFR 71.6(a)(3)]	✓		Will continue to comply
Boiler Requirements			
Fuel Combustion Emission Sources (> 10 MMBtu/hr) [35 IAC 216.121]	✓		Will continue to comply
Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60 Subpart Dc]	✓		Will continue to comply
Visible Emissions Limitations [35 IAC 212.123]	✓		Will continue to comply
Emission and Operational Limitations [CP# 95080025]	✓		Will continue to comply
Emission Limitations [40 CFR 63.52]	✓		Will continue to comply
Emission Limitations [40 CFR 63 Subpart DDDDD]	✓		Will continue to comply
Monitoring and Testing [40 CFR 71.6(a)(3)(i)(A) and (B)]	✓		Will continue to comply
Recordkeeping [40 CFR 71.6(a)(3)]	✓		Will continue to comply
Emergency Generator Requirements			
Reciprocating Internal Combustion Engines [40 CFR 63 Subpart ZZZZ]	✓		Will continue to comply
Work Practice Standards [40 CFR 63.6602]	✓		Will continue to comply
Recordkeeping and Reporting [40 CFR 63.6655]	✓		Will continue to comply
Gasoline Storage Tank Requirements			
Storage of Gasoline [35 IAC 219.122]	✓		Will continue to comply
Gasoline Dispensing Operations [35 IAC 219.583]	✓		Will continue to comply
Recordkeeping and Reporting [40 CFR 71.6(a)(3)]	✓		Will continue to comply

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-1 - EMISSIONS UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a fuel combusting unit.

A. General Information

Emissions unit ID: Incineration Unit 2 Description: Fixed Hearth Incineration Unit used in the destruction of hazardouse waste

SIC Code (4-digit): 4953 SCC Code: 50300101

B. Emissions Unit Description

Primary use: Hazardous Waste Inceneration Temporary source: ☐ Yes ☒ No

Manufacturer: Trade Waste Incineration, Inc. Model No.: TWI-2000, Series 2

Serial Number: NA Installation date: 9/ / 1986

Boiler Type:

☐ Industrial Boiler ☐ Process Burner ☐ Electric utility boiler

☒ Other (describe): Waste Incinerator

Boiler horsepower rating: _____ Boiler steam flow (lb/hr): _____

Type of Fuel-Burning Equipment (coal burning only):

☐ Hand fired ☐ Spreader stoker ☐ Underfeed stoker ☐ Overfeed stoker

☐ Traveling grate ☐ Shaking grate ☐ Pulverized, wet bed ☐ Pulverized, dry bed

Actual (average) Heat Input _____ MM BTU/hr Maximum design heat input 16 MM BTU/hr

C. Fuel Data

Primary fuel type(s): Natural Gas Standby fuel type(s): _____

Instructions: Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (per cf, gal., or lb.)
Natural Gas	NA	NA	1050 BTU/cf

D. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the dimension for the fuel usage rate (e.g., gallons, cords, cubic feet).

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
Natural Gas	66 mmcft	0.0152	133 mmcft

E. Associated Air Pollution Control Equipment

Emission unit ID SDA-2 Device type Spray Dryer Absorber

Air pollutant(s) Controlled HCl and SO2 Manufacturer Joy-Niro

Model No. Custom Serial No. _____

Installation date 09/ / 86 Control efficiency (%) 99%.

Efficiency estimation method Performance Test 1/9/93

E. Associated Air Pollution Control Equipment

Emission unit ID BH-2 Device type Baghouse

Air pollutant(s) Controlled PM/PM10/Lead Manufacturer Puls Flo

Model No. Custom Serial No. _____

Installation date 09/ / 86 Control efficiency (%) <0.08. gr

Efficiency estimation method Performance Test 1/9/93

F. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-1 - EMISSIONS UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a fuel combusting unit.

A. General Information

Emissions unit ID: Incineration Unit 3 Description: Fixed Hearth Incineration Unit used in the destruction of hazardouse waste

SIC Code (4-digit): 4953 SCC Code: 50300101

B. Emissions Unit Description

Primary use: Hazardous Waste Inceneration Temporary source ☐ Yes ☒ No

Manufacturer: Trade Waste Incineration, Inc. Model No.: TWI-2000, Series 2

Serial Number: NA Installation date: 9/ / 1986

Boiler Type:

☐ Industrial Boiler ☐ Process Burner ☐ Electric utility boiler

☒ Other (describe): Waste Incinerator

Boiler horsepower rating: _____ Boiler steam flow (lb/hr): _____

Type of Fuel-Burning Equipment (coal burning only):

☐ Hand fired ☐ Spreader stoker ☐ Underfeed stoker ☐ Overfeed stoker

☐ Traveling grate ☐ Shaking grate ☐ Pulverized, wet bed ☐ Pulverized, dry bed

Actual (average) Heat Input: _____ MM BTU/hr Maximum design heat input: 16 MM BTU/hr

C. Fuel Data

Primary fuel type(s): Natural Gas Standby fuel type(s): _____

Instructions: Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (per cf, gal., or lb.)
Natural Gas	NA	NA	1050 BTU/cf

D. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the dimension for the fuel usage rate (e.g., gallons, cords, cubic feet).

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
Natural Gas	59 mmcft	0.0152	133 mmcft

E. Associated Air Pollution Control Equipment

Emission unit ID SDA-3 Device type Spray Dryer Absorber

Air pollutant(s) Controlled HCl & SO2 Manufacturer Joy-Niro

Model No. Custom Serial No. _____

Installation date 09/ / 86 Control efficiency (%) 99%.

Efficiency estimation method Performance test 1/9/93

E. Associated Air Pollution Control Equipment

Emission unit ID BH-3 Device type Baghouse

Air pollutant(s) Controlled PM/PM10/Lead Manufacturer Pulse Flo

Model No. Custom Serial No. _____

Installation date 09/ / 86 Control efficiency (%) <0.08.

Efficiency estimation method Performance Test 1/9/93

F. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-1 - EMISSIONS UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a fuel combusting unit.

A. General Information

Emissions unit ID: Incineration Unit 4 — Description: Fixed Hearth Incineration Unit used in the destruction of hazardouse waste

SIC Code (4-digit): 4953 — SCC Code: 50300101

B. Emissions Unit Description

Primary use: Hazardous Waste Inceneration — Temporary source ☐ Yes ☒ No

Manufacturer: International Waste Energy — Model No.: PY*ROX

Serial Number: NA — Installation date: 6/ / 1988

Boiler Type:

☐ Industrial Boiler ☐ Process Burner ☐ Electric utility boiler

☒ Other (describe): Rotary Kiln Incinerator

Boiler horsepower rating: _____ Boiler steam flow (lb/hr): _____

Type of Fuel-Burning Equipment (coal burning only):

☐ Hand fired ☐ Spreader stoker ☐ Underfeed stoker ☐ Overfeed stoker

☐ Traveling grate ☐ Shaking grate ☐ Pulverized, wet bed ☐ Pulverized, dry bed

Actual (average) Heat Input _____ MM BTU/hr Maximum design heat input 50 MM BTU/hr

C. Fuel Data

Primary fuel type(s): Natural Gas — Standby fuel type(s): _____

Instructions: Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (per cf, gal., or lb.)
Natural Gas	NA	NA	1050 BTU/cf

D. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the dimension for the fuel usage rate (e.g., gallons, cords, cubic feet).

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
Natural Gas	156 mmcft	0.0476	417.14

E. Associated Air Pollution Control Equipment

Emission unit ID SDA-4 Device type Spray Dryer Absorber

Air pollutant(s) Controlled HCl and SO2 Manufacturer

Model No. Custom Serial No.

Installation date 6/ / 88 Control efficiency (%) 99%.

Efficiency estimation method

E. Associated Air Pollution Control Equipment

Emission unit ID BH-4 Device type Baghouse

Air pollutant(s) Controlled PM/PM10 Lead Manufacturer Wheelabrator

Model No. Custom Design Serial No.

Installation date 6/ / 88 Control efficiency (%) 99%.

Efficiency estimation method

E. Associated Air Pollution Control Equipment

Emission unit ID BH-4 Device type Carbon Injection

Air pollutant(s) Controlled Hg and Dioxin/Furan Manufacturer Norit Americas, Inc.

Model No. NA Serial No. NA

Installation date 2/ 06/ 01 Control efficiency (%) Hg – Unknown Dioxin/Furans – 99.2%

Efficiency estimation method Performance Test

F. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID Lab Pack Repack Description Repacking of Lab Packs

SIC Code (4-digit) _____ SCC Code 30180001

B. Emissions Unit Description

Equipment type _____ Temporary source: ☐ Yes ☒ No

Manufacturer Custom Built Model No. Custom Built

Serial No. _____ Installation date / /

Articles being coated or degreased _____

Application method _____

Overspray (surface coating) (%) _____ Drying method _____

No. of dryers _____ Tank capacity (degreasers) (gal) _____

C. Associated Air Pollution Control Equipment

Emissions unit ID NONE Device Type _____

Manufacturer _____ Model No. _____

Serial No. _____ Installation date / /

Control efficiency (%) _____ Capture efficiency (%) _____

Air pollutant(s) controlled _____ Efficiency estimation method _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
N/A						

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Material Processing Area 1 Description: Repackaging of containerized solid wastes

SIC Code (4-digit): _____ SCC Code: 50300810

B. Emissions Unit Description

Equipment type: _____ Temporary source: ☐ Yes ☒ No

Manufacturer: Custom Built Model No.: Custom Built

Serial No.: _____ Installation date: / / 1988

Articles being coated or degreased: _____

Application method: _____

Overspray (surface coating) (%): _____ Drying method: _____

No. of dryers: _____ Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: NONE Device Type: _____

Manufacturer: _____ Model No.: _____

Serial No.: _____ Installation date: / /

Control efficiency (%): _____ Capture efficiency (%): _____

Air pollutant(s) controlled: _____ Efficiency estimation method: _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): N/A. Inside stack diameter (ft): _____

Stack temp (°F): _____ Design stack flow rate (ACFM): _____

Actual stack flow rate (ACFM): _____ Velocity (ft/sec): _____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
N/A						

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID Material Processing Area 2 Description Repackaging of containerized solid wastes

SIC Code (4-digit) _____ SCC Code 50300810

B. Emissions Unit Description

Equipment type _____ Temporary source: ☐ Yes ☒ No

Manufacturer Custom Built Model No. Custom Built

Serial No. _____ Installation date / / 1988

Articles being coated or degreased _____

Application method _____

Overspray (surface coating) (%) _____ Drying method _____

No. of dryers _____ Tank capacity (degreasers) (gal) _____

C. Associated Air Pollution Control Equipment

Emissions unit ID NONE Device Type _____

Manufacturer _____ Model No. _____

Serial No. _____ Installation date / /

Control efficiency (%) _____ Capture efficiency (%) _____

Air pollutant(s) controlled _____ Efficiency estimation method _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
N/A						

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID Bulk Feed Building Description Temporary Storage of bulk solid wastes before being feed to unit 4

SIC Code (4-digit) _____ SCC Code 50300830

B. Emissions Unit Description

Equipment type _____ Temporary source: ☐ Yes ☒ No

Manufacturer Custom Built Model No. Custom Built

Serial No. _____ Installation date / /

Articles being coated or degreased _____

Application method _____

Overspray (surface coating) (%) _____ Drying method _____

No. of dryers _____ Tank capacity (degreasers) (gal) _____

C. Associated Air Pollution Control Equipment

Emissions unit ID BF Bldg-BH1 Device Type baghouse

Manufacturer Airtol Inc. Model No. 49ASO7

Serial No. _____ Installation date 11/ / 1988

Control efficiency (%) _____ Capture efficiency (%) _____

Air pollutant(s) controlled PM/PM10 Efficiency estimation method _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) 70. Inside stack diameter (ft) _____

Stack temp (°F) ambient. Design stack flow rate (ACFM) 5,000.

Actual stack flow rate (ACFM) 2,500. Velocity (ft/sec) _____

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
N/A						

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-1 - EMISSIONS UNIT DESCRIPTION FOR FUEL COMBUSTION SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a fuel combusting unit.

A. General Information

Emissions unit ID Boiler #1 Description Boiler used for steam generation at the plant

SIC Code (4-digit) _____ SCC Code 10300602

B. Emissions Unit Description

Primary use Steam Generation Temporary source ☐ Yes ☒ No

Manufacturer Cleaver Brooks Model No. 250

Serial Number NA Installation date 11/ / 95

Boiler Type:

☒ Industrial Boiler ☐ Process Burner ☐ Electric utility boiler

☐ Other (describe) _____

Boiler horsepower rating _____ Boiler steam flow (lb/hr) _____

Type of Fuel-Burning Equipment (coal burning only):

☐ Hand fired ☐ Spreader stoker ☐ Underfeed stoker ☐ Overfeed stoker

☐ Traveling grate ☐ Shaking grate ☐ Pulverized, wet bed ☐ Pulverized, dry bed

Actual (average) Heat Input 10.6 MM BTU/hr Maximum design heat input 10.6 MM BTU/hr

C. Fuel Data

Primary fuel type(s) Natural Gas Standby fuel type(s) _____

Instructions: Describe each fuel expected to be used during the term of the permit.

Fuel Type	Max. Sulfur Content (%)	Max. Ash Content (%)	BTU Value (per cf, gal., or lb.)
Natural Gas	NA	NA	1050 BTU/cf

D. Fuel Usage Rates

Instructions: For each fuel described above, enter actual and maximum fuel usage rates on a worst-case hourly and annual basis. Indicate the dimension for the fuel usage rate (e.g., gallons, cords, cubic feet).

Fuel Type	Annual Actual Usage	Maximum Usage	
		Hourly	Annual
Natural Gas	10.2mmcft	90.15mmcft	789727 mmcft

E. Associated Air Pollution Control Equipment

Emission unit ID N/A Device type _____

Air pollutant(s) Controlled _____ Manufacturer _____

Model No. _____ Serial No. _____

Installation date ___/___/___ Control efficiency (%) _____

Efficiency estimation method _____

F. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID Drum Crusher Description Drums are crushed

SIC Code (4-digit) _____ SCC Code 30180001

B. Emissions Unit Description

Equipment type _____ Temporary source: ☐ Yes ☒ No

Manufacturer Custom Built Model No. Custom Built

Serial No. _____ Installation date / /

Articles being coated or degreased _____

Application method _____

Overspray (surface coating) (%) _____ Drying method _____

No. of dryers _____ Tank capacity (degreasers) (gal) _____

C. Associated Air Pollution Control Equipment

Emissions unit ID NONE Device Type _____

Manufacturer _____ Model No. _____

Serial No. _____ Installation date / /

Control efficiency (%) _____ Capture efficiency (%) _____

Air pollutant(s) controlled _____ Efficiency estimation method _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) N/A. Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
N/A						

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #2 Description: 4931 Gallon Tank used for storage of liquid waste

SIC Code (4-digit): _____ SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank Temporary source: ☐ Yes ☒ No

Manufacturer: Modern Welding Model No.: _____

Serial No.: S-4869-TK2 Installation date: 5/ / 88

Articles being coated or degreased: _____

Application method: _____

Overspray (surface coating) (%): _____ Drying method: _____

No. of dryers: _____ Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister #2 Device Type: Carbon Canister

Manufacturer: TIGG Corporation Model No.: N-100XP or equivalent

Serial No.: _____ Installation date: 5/ / 88

Control efficiency (%): 95-98 . Capture efficiency (%): 100 .

Air pollutant(s) controlled: VOM/Benzene Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4. Inside stack diameter (ft): 0. 33

Stack temp (°F): 62. 4 Design stack flow rate (ACFM): 100.

Actual stack flow rate (ACFM): <100. Velocity (ft/sec): _____ .

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			602000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #4
Description: 4931 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK4
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister #4
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			602000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #6
Description: 7,200 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK6
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister #6
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			3061000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #8
Description: 5,280 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK8
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister #8
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			2461000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #10
Description: 12,869 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK10
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			500000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #20
Description: 12,869 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK20
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#20
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			310000	2000 gal/hr	17520000	

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #30 Description: 12,869 Gallon Tank used for storage of liquid waste

SIC Code (4-digit): _____ SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank Temporary source: ☐ Yes ☒ No

Manufacturer: Modern Welding Model No.: _____

Serial No.: S-4869-TK30 Installation date: 5/ / 88

Articles being coated or degreased: _____

Application method: _____

Overspray (surface coating) (%): _____ Drying method: _____

No. of dryers: _____ Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#30 Device Type: Carbon Canister

Manufacturer: TIGG Corporation Model No.: N-100XP or equivalent

Serial No.: _____ Installation date: 5/ / 88

Control efficiency (%): 95-98 . Capture efficiency (%): 100 .

Air pollutant(s) controlled: VOM/Benzene Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4. Inside stack diameter (ft): 0. 33

Stack temp (°F): 62. 4 Design stack flow rate (ACFM): 100.

Actual stack flow rate (ACFM): <100. Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			79000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #40
Description: 12,869 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK40
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#40
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			657000	2000 gal/hr	17520000	

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #50
Description: 12,869 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK50
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#50
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			764000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #60
Description: 12,869 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK60
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#60
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			950000	2000 gal/hr	17520000	

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #300
Description: 30,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK300
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#30
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			580000	2000 gal/hr	17520000	

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #302 Description: 30,000 Gallon Tank used for storage of liquid waste

SIC Code (4-digit): _____ SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank Temporary source: ☐ Yes ☒ No

Manufacturer: Modern Welding Model No.: _____

Serial No.: S-4869-TK302 Installation date: 5/ / 88

Articles being coated or degreased: _____

Application method: _____

Overspray (surface coating) (%): _____ Drying method: _____

No. of dryers: _____ Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#30 Device Type: Carbon Canister

Manufacturer: TIGG Corporation Model No.: N-100XP or equivalent

Serial No.: _____ Installation date: 5/ / 88

Control efficiency (%): 95-98 . Capture efficiency (%): 100 .

Air pollutant(s) controlled: VOM/Benzene Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4. Inside stack diameter (ft): 0. 33

Stack temp (°F): 62. 4 Design stack flow rate (ACFM): 100.

Actual stack flow rate (ACFM): <100. Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			543000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #304
Description: 30,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit):
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.:
Serial No.: S-4869-TK304
Installation date: 5/ / 88
Articles being coated or degreased:
Application method:
Overspray (surface coating) (%):
Drying method:
No. of dryers:
Tank capacity (degreasers) (gal):

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#30
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.:
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			434000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #306
Description: 30,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit):
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.:
Serial No.: S-4869-TK306
Installation date: 5/ / 88
Articles being coated or degreased:
Application method:
Overspray (surface coating) (%):
Drying method:
No. of dryers:
Tank capacity (degreasers) (gal):

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#30
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.:
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			466000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #308
Description: 30,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK308
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#30
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			389000	2000 gal/hr	17520000	

OMB Control No. 2060-0336

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #310
Description: 30,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK310
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#31
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			308000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #312
Description: 10,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit):
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.:
Serial No.: S-4869-TK312
Installation date: 5/ / 88
Articles being coated or degreased:
Application method:
Overspray (surface coating) (%):
Drying method:
No. of dryers:
Tank capacity (degreasers) (gal):

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#31
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.:
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): .

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			210000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID: Tank #314
Description: 10,000 Gallon Tank used for storage of liquid waste
SIC Code (4-digit): _____
SCC Code: 30199998

B. Emissions Unit Description

Equipment type: Storage Tank
Temporary source: ☐ Yes ☒ No
Manufacturer: Modern Welding
Model No.: _____
Serial No.: S-4869-TK314
Installation date: 5/ / 88
Articles being coated or degreased: _____
Application method: _____
Overspray (surface coating) (%): _____
Drying method: _____
No. of dryers: _____
Tank capacity (degreasers) (gal): _____

C. Associated Air Pollution Control Equipment

Emissions unit ID: Carbon Canister#31
Device Type: Carbon Canister
Manufacturer: TIGG Corporation
Model No.: N-100XP or equivalent
Serial No.: _____
Installation date: 5/ / 88
Control efficiency (%): 95-98 .
Capture efficiency (%): 100 .
Air pollutant(s) controlled: VOM/Benzene
Efficiency estimation method: 95-98

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft): 4.
Inside stack diameter (ft): 0. 33
Stack temp (°F): 62. 4
Design stack flow rate (ACFM): 100.
Actual stack flow rate (ACFM): <100.
Velocity (ft/sec): _____

Form EUD-2 Continued Emission Unit ID_____

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Hazardous Waste			210000	2000 gal/hr	17520000	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

APPLICATION FORM EUD-2 - EMISSIONS UNIT DESCRIPTION FOR VOC EMITTING SOURCES

INSTRUCTIONS: Complete this form for each significant emissions unit best described as a VOC emitting unit.

A. General Information

Emissions unit ID Tank #390 Description 30,000 Gallon Tank used for storage of No. 2 Diesel Fuel

SIC Code (4-digit) _____ SCC Code _____

B. Emissions Unit Description

Equipment type Storage Tank Temporary source: ☐ Yes ☒ No

Manufacturer Modern Welding Model No. _____

Serial No. S-4869-TK390 Installation date 5/ / 88

Articles being coated or degreased _____

Application method _____

Overspray (surface coating) (%) _____ Drying method _____

No. of dryers _____ Tank capacity (degreasers) (gal) _____

C. Associated Air Pollution Control Equipment

Emissions unit ID _____ Device Type _____

Manufacturer _____ Model No. _____

Serial No. _____ Installation date / /

Control efficiency (%) _____ Capture efficiency (%) _____

Air pollutant(s) controlled _____ Efficiency estimation method _____

D. Ambient Impact Assessment

Instructions: This information must be completed by temporary sources or when ambient impact assessment is an applicable requirement for this emissions unit.

Stack height (ft) _____ Inside stack diameter (ft) _____

Stack temp (°F) _____ Design stack flow rate (ACFM) _____

Actual stack flow rate (ACFM) _____ Velocity (ft/sec) _____

Form EUD-2 Continued Emission Unit ID_____ 2

E. VOC-containing Substance Data

Instructions: List each VOC-containing substance consumed, processed or produced at the emissions unit that is emitted into the atmosphere. In the same column, if providing a brand name of a substance, include the name of the manufacture;if the substance contains HAP, list the constituent HAP.

VOC-Containing Substance Name (e.g., Chemical or Brand Name)	CAS No. (if available)	Substance Type (e.g., coating, solvent, ink, etc.)	Actual Usage (gal/yr)	Maximum Usage		VOC Content (lb/gal)
				gal/day	gal/year	
Diesel Fuel			N/A			

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Unit 2 (1 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM		0.5845	2.56	
HCl/CL2		0.9340	4.09	
NOx		NA	4.0	
CO		2.31	6.6	
SO2		NA	7.7	
VOM		8.0	0.90	
Hg		0.0026	0.00114	7439-97-6
As		0.0018	0.0081	7440-38-2
Be		0.0018	0.0081	7440-41-7
Cd		0.0046	0.0202	7440-43-9
Cr		0.0018	0.0081	7440-47-3
Sb		0.0000342	0.000015	7440-31-5

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID UNIT 2 (2 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
Pb		0.0046	0.0202	7439-92-1
Ni		0.00000446	0.000020	7440-02-0
Se		0.00000854	0.000037	7782-49-2
Dioxin/Furan		4.38E-09	1.92E-08	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Unit 3 (1 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM		0.5775	2.53	
HCl/CL2		0.9340	4.09	
NOx		NA	4.0	
CO		2.31	6.6	
SO2		NA	7.7	
VOM		8.0	0.90	
Hg		0.0026	0.00114	7439-97-6
As		0.0018	0.0081	7440-38-2
Be		0.0018	0.0081	7440-41-7
Cd		0.0046	0.0202	7440-43-9
Cr		0.0018	0.0081	7440-47-3
Sb		0.0000342	0.000015	7440-31-5

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID UNIT 3 (2 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
Pb		0.0046	0.0202	7439-92-1
Ni		0.00000446	0.000020	7440-02-0
Se		0.00000854	0.000037	7782-49-2
Dioxin/Furan		4.56E-09	2.00E-08	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Unit 4 (1 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
PM		1.63	7.15	
HCl/CL2		2.64	11.57	
NOx		NA	61.6	
CO		6.52	13.86	
SO2		NA	50.76	
VOM		8.0	0.90	
Hg		0.0073	0.0319	7439-97-6
As		0.0052	0.0226	7440-38-2
Be		0.0052	0.0226	7440-41-7
Cd		0.0129	0.0564	7440-43-9
Cr		0.0052	0.0226	7440-47-3
Sb		0.0000111	0.0000486	7440-31-5

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID: UNIT 4 (2 of 2)

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
Pb		0.0129	0.0564	7439-92-1
Ni		0.000011	0.000048	7440-02-0
Se		0.0000277	0.00012	7782-49-2
Dioxin/Furan		1.38E-08	6.05E-08	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Lab Pack Repack

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.3321	1.45	
Benzene		0.0552	0.2418	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID MP-1

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0545	0.2387	
Benzene		0.0113	0.0495	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID MP-2

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0545	0.2387	
Benzene		0.0113	0.0495	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID: Bulk Solids Storage

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.5836	2.56	
Benzene		0.0043	0.0188	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Boiler #1

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
CO		0.864	3.79	
VOM		0.057	0.248	
NOx		1.03	4.51	
PM2.5		0.078	0.343	
PM10		0.078	0.343	
Part		0.078	0.343	
NH3		0.033	0.144	
SOx		0.006	0.027	

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Drum Crusher

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.8833	3.87	
Benzene		0.000157	0.00006	71-43-2
Methanol		0.0929	0.4069	67-56-1

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #2

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0052	0.0230	
Benzene		4.98E-06	2.18E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #4

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0057	0.0252	
Benzene		5.65E-05	2.47E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

JRM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #6

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0018	0.0079	
Benzene		1.76E-06	7.73E-06	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

JRM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #8

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0023	0.0100	
Benzene		2.19E-06	9.61E-06	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #10

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0427	0.1871	
Benzene		4.16E-05	1.82E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #12

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0072	0.0316	
Benzene		7.10E-06	3.11E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #30

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0590	0.2584	
Benzene		5.82E-05	2.55E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #40

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0074	0.0323	
Benzene		7.00E-06	3.07E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form GIS. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #50

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0020	0.0088	
Benzene		1.83E-06	8.03E-06	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

JRM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #60

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0117	0.0512	
Benzene		1.14E-05	4.98E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

. ORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #300

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0066	0.0287	
Benzene		6.21E-06	2.71E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #302

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0432	0.1894	
Benzene		4.20E-05	1.84E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

RM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #304

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0130	0.0567	
Benzene		1.24E-05	5.45E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #306

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0227	0.0993	
Benzene		2.19E-05	9.59E-05	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #308

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0506	0.2218	
Benzene		4.90E-05	2.15E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #310

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0587	0.2569	
Benzene		5.67E-05	2.48E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form FEE does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #312

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0803	0.3517	
Benzene		7.81E-05	3.42E-04	71-43-2

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR FEDERAL OPERATING PERMIT, 40 CFR PART 71

FORM EMISS - EMISSIONS CALCULATIONS

INSTRUCTIONS: Use this form to calculate potential to emit (PTE) for applicability purposes and actual emissions for fee purposes for each emissions unit, control device, or alternative operating scenario identified in section I of form **GIS**. If form **FEE** does not need to be submitted with the application, do not calculate actual emissions.

A. Emissions Unit ID Tank #314

B. Identification and Quantification of Emissions

Instructions: First, list each air pollutant that is either regulated at the unit or present in major amounts. Second, list any other regulated pollutant (for fee calculation) emitted at the unit that have not already been listed. Each HAP added to the list in this step may be simply listed as "HAP". Next, calculate PTE for applicability purposes and actual emissions for fee purposes for each listed air pollutant. Do not calculate PTE for air pollutants listed solely for fee purposes. Include all fugitives, including those that do not count towards applicability, when calculating actual emissions. At a minimum, round to the nearest tenth of a ton for yearly values or tenth of a pound for hourly values. Attach examples of calculations that illustrates the methodology used.

Air Pollutants (including regulated air pollutants and pollutants for which the source is major)	Emission Rates			CAS No.
	Actual Annual Emissions (tons/yr)	Potential to Emit		
		Hourly (lb/hr)	Annual (tons/yr)	
VOM		0.0483	0.2117	
Benzene		4.69E-05	2.05E-04	71-43-2