CLIENT : EECA2
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : H2-EECA

LOCATION ID : BH000163A
BEGIN DATE : 07/13/00
END DATE : 07/13/00
LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 8.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 8.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	968.000	
N. Coordinate :	0.0000	912249.6187
E. Coordinate :	0.0000	56953.1142

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; VERY COARSE 0-8'; NO RECOVERY; SEE BH000163.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000163A	0.0	4.0	GEO	6	48	0.0	0.5	5	95				POR	NON	Well-graded sand, SW			5	5	30	60
BH000163A	0.0	4.0	GEO	6	48	0.5	4.0								No Sample Recovered						
BH000163A	4.0	8.0	GEO	0	48	4.0	8.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	8.00
SITE NAME	H2-EECA	LOGGER	DAN STROBRIDGE
BORING ID	BH000163A	DRILLING COMPANY	GEOLOGIC
NORTHING	912249.6187 surveyed	DRILLING RIG	GEOPROBE
EASTING	56953.1142 surveyed	DATE STARTED	07/13/00
ELEVATION	968.000 estimated	DATE COMPLETED	07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			12	BRN/GRY Well-graded sand, SW		LSE	SAT			SAME AS 1-1 FROM BH000163
				No Sample Recovered						NO RECOVERY
967	1									
966	2									
965	3									
964	4			No Sample Recovered						NO RECOVERY; BORING ENDS @ 8'.
963	5									
962	6									
961	7									
960	8									
959	9									
958	10									

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CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000164
BEGIN DATE : 07/13/00
END DATE : 07/13/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00
Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE
Fluid : NONE
Borehole Diameter #2:
Interval:
Method :
Fluid :
Borehole Diameter #3:
Interval:
Method :
Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	970.000	
N. Coordinate :	0.0000	912248.2885
E. Coordinate :	0.0000	56938.7458

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-01 INSTALLED W/SCREEN 5-7' BELOW TOP OF SED SURFACE. 1 FT WATER & 3 FT OF STICKUP. HYDROCARBON ODOR OBSERVED. ARCHIVED SAMPLES.

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Well Point Completion Summary

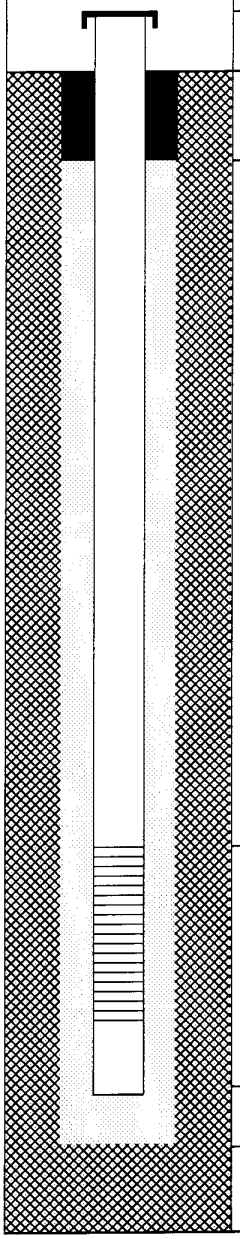
Roy F. Weston, Inc.

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000164
START DATE: 07/13/00
COMPLETION DATE: 07/13/00

WATER LEVELS:
3.00 FT (TOC) on 07/13/00



DEPTH		ELEV.
4.00	*TOC*	974.00
0.00	*GRS*	970.00
0.00	*TSP*	970.00
5.00	*TSC*	965.00
7.00	*WTD*	963.00
10.00	*BTD*	960.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 7.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 4.00 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 5.00 to 7.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-07; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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09/27/00

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000164	0.0	4.0	GEO	30	48	0.0	2.5	40	60				POR	NON	Well-graded sand with gravel, SW	5	15	20	15	20	25
BH000164	0.0	4.0	GEO	30	48	2.5	4.0								No Sample Recovered						
BH000164	4.0	8.0	GEO	24	48	4.0	6.0	40	60				POR	NON	Well-graded sand with gravel, SW	5	15	20	15	20	25
BH000164	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						
BH000164	8.0	10.0	GEO	0	48	8.0	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000164	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912248.2885 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56938.7458 surveyed	DATE STARTED	: 07/13/00
ELEVATION	: 970.000 estimated	DATE COMPLETED	: 07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			62	TAN/WHITE/GRY Well-graded sand with gravel, SW		LSE	SAT			HYDROCARBON ODOR BUT NO STAINING, SHEENING. SED. COARSENS DOWNWARD. SHAKE TEST YIELDS NO SHEEN.
969	1									
968	2									
				No Sample Recovered						
967	3									
966	4		50	GRY/TAN/WHITE Well-graded sand with gravel, SW		LSE	SAT		OVM 11.0	HYDROCARBON ODOR, NO STAINING/SHEENING.
965	5									
964	6			No Sample Recovered						
963	7									
962	8			No Sample Recovered						SHAKE SAMPLE 9-10', BACKUP SAMPLE 8-10'; BORING ENDS @ 10'.
961	9									
960	10									

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CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000165
BEGIN DATE : 07/13/00
END DATE : 07/13/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	969.000	
N. Coordinate :	0.0000	912243.9088
E. Coordinate :	0.0000	56932.3465

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-08 SCREENED FROM 0-2' BELOW SEDIMENT SURFACE. 1.5 FT WATER & 3 FT STICKUP. STRONG HYDROCARBON ODOR, DECREASES W/DEPTH; BLACK STAINING OBSERVED 0-0.75 FT. ARCHIVED SAMPLES

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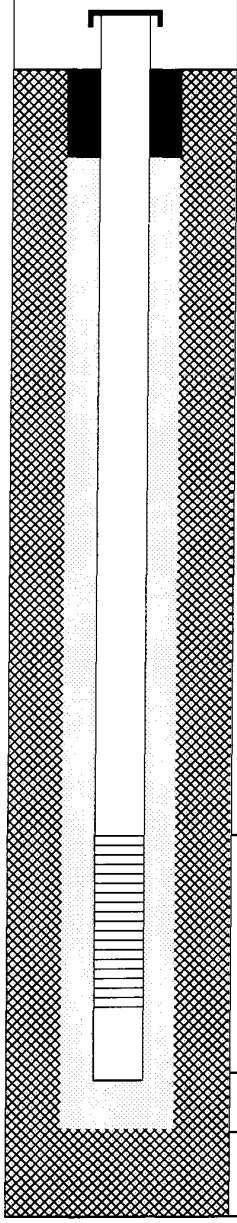
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000165
START DATE: 07/13/00
COMPLETION DATE: 07/13/00

WATER LEVELS:
3.00 FT (TOC) on 07/13/00



DEPTH		ELEV.
4.50	TOC	973.50
0.00	GRS	969.00
0.00	TSP	969.00
0.00	TSC	969.00
2.00	WTD	967.00
10.00	BTD	959.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 4.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-08; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000165	0.0	4.0	GEO	36	48	0.0	3.0	20	80				POR	NON	Well-graded sand with gravel, SW		5	15	15	25	40
BH000165	0.0	4.0	GEO	36	48	3.0	4.0								No Sample Recovered						
BH000165	4.0	8.0	GEO	42	48	4.0	5.5	60	40				POR	NON	Well-graded gravel with sand, GW		20	40	30	5	5
BH000165	4.0	8.0	GEO	42	48	5.5	7.5		95	5			POR	NON	Well-graded sand, SW				10	30	55
BH000165	4.0	8.0	GEO	42	48	7.5	8.0								No Sample Recovered						
BH000165	8.0	10.0	GEO	0	24	8.0	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000165	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912243.9088 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56932.3465 surveyed	DATE STARTED	: 07/13/00
ELEVATION	: 969.000 estimated	DATE COMPLETED	: 07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			75	GRY/BLACK Well-graded sand with gravel, SW		LSE	SAT		OVM 8.9	HYDROCARBON ODOR, BLK STN 0-0.75', COLLECTED STAIN REGION IN SHAKE TEST JAR.
968	1									
967	2									
966	3			No Sample Recovered						
965	4		87	TAN/WHITE/BRN Well-graded gravel with sand, GW		LSE	SAT			HYDROCARBON ODOR STRONGER AT TOP THAN AT BOTTOM.
964	5									
				GRAY Well-graded sand, SW		LSE	SAT		OVM 2.6	SAMPLE COLLECTED FOR BACK UP. ODOR DIMINISHES DOWNWARD.
963	6									
962	7									
				No Sample Recovered						
961	8			No Sample Recovered						BORING ENDS @ 10'.
960	9									
959	10									

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CLIENT : EECA1 LOCATION ID : BH000166
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/13/00
PROPERTY : END DATE : 07/13/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid :
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912231.1210
E. Coordinate :	0.0000	56941.8456

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
ARCHIVED SAMPLES.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000166	0.0	4.0	GEO	0	48	0.0	4.0								No Sample Recovered						
BH000166	4.0	8.0	GEO	12	48	4.0	5.0	5	85	10			POR	NON	Well-graded sand w/silt, SW-SM			5	15	25	45
BH000166	4.0	8.0	GEO	12	48	5.0	8.0								No Sample Recovered						
BH000166	8.0	10.0	GEO	24	24	8.0	9.0		30	60	10		MOD	LOW	Sandy silt, ML						30
BH000166	8.0	10.0	GEO	24	24	9.0	10.0		65	30	5		POR	NON	Silty sand, SM						65

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000166	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912231.1210 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56941.8456 surveyed	DATE STARTED	: 07/13/00
ELEVATION	: 972.000 estimated	DATE COMPLETED	: 07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
				No Sample Recovered						
971	1									
970	2									
969	3									
968	4		25	DRK GRY Well-graded sand w/silt, SW-SM		LSE	SAT			4-5' SMPLE COL. FOR SHAKE TEST. SOME STAINING.FAINT ODOR & SHEEN.
967	5			No Sample Recovered						
966	6									
965	7									
964	8		100	BROWN Sandy silt, ML		SFT	SAT			
963	9			GRY/BRN Silty sand, SM		SFT	SAT		OVM 0.0	BORING ENDS @ 10'; VERY FAINT ODOR.
962	10									

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CLIENT : EECA1 LOCATION ID : BH000167
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/13/00
PROPERTY : END DATE : 07/13/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	970.000	
N. Coordinate :	0.0000	912232.5972
E. Coordinate :	0.0000	56933.3995

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZ INSTALLED. ODOR OBSERVED BUT NO SHEEN/STAIN. SAMPLES ARCHIVED.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000167	0.0	4.0	GEO	12	48	0.0	1.0	5	90	5			POR	NON	Well-graded sand, SW			5	15	25	50
BH000167	0.0	4.0	GEO	12	48	1.0	4.0								No Sample Recovered						
BH000167	4.0	8.0	GEO	36	48	4.0	7.0	20	80				POR	NON	Well-graded sand with gravel, SW		5	15	20	20	40
BH000167	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000167	8.0	10.0	GEO	24	24	8.0	10.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	20	30	35

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000167	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912232.5972 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56933.3995 surveyed	DATE STARTED	: 07/13/00
ELEVATION	: 970.000 estimated	DATE COMPLETED	: 07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			25	GRAY Well-graded sand, SW		LSE	SAT		OVM 3.5	HYDROCARBON ODOR. 0-1 FT SAMPLE COLLECTED FOR SHEEN TEST. SHAKE TEST YIELDS NO SHEEN.
969	1			No Sample Recovered						
968	2									
967	3									
966	4		75	GRY/WHITE/TAN Well-graded sand with gravel, SW		LSE	SAT		OVM 0.5	SLIGHT ODOR.
965	5									
964	6									
963	7			No Sample Recovered						
962	8		100	GRY Well-graded sand with gravel, SW		LSE	SAT		OVM 3.1	SAME AS 0-1 FT (APPROX.). BORING ENDS @ 10'.
961	9									
960	10									

CLIENT : EECA1 LOCATION ID : BH000168
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/13/00
PROPERTY : END DATE : 07/13/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	970.000	
N. Coordinate :	0.0000	912245.6817
E. Coordinate :	0.0000	56914.5968

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-09 INSTALLED 0-2' BELOW SED. SURFACE. 1' WATER COLUMN, 3' STICKUP. ARCHIVE SAMPLE COLLECTED 0.5-1.5'. MOTTLED STAINING AT SURFACE WITH ODOR BUT NO SHEEN.

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Well Point Completion Summary

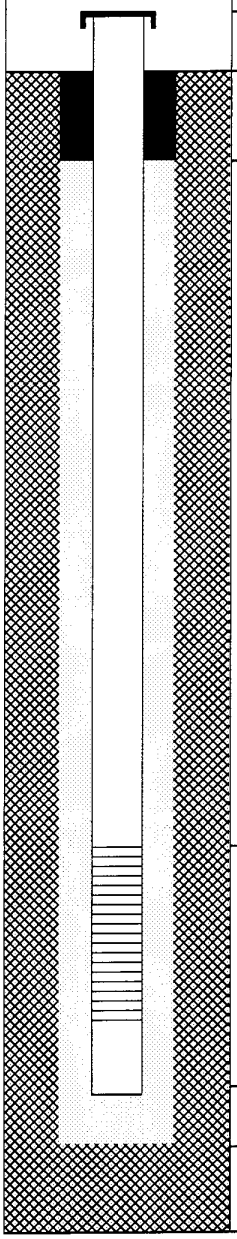
Roy F. Weston, Inc.

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000168
START DATE: 07/13/00
COMPLETION DATE: 07/13/00

WATER LEVELS:
3.00 FT (TOC) on 07/13/00



DEPTH		ELEV.
4.00	*TOC*	974.00
0.00	*GRS*	970.00
0.00	*TSP*	970.00
0.00	*TSC*	970.00
2.00	*WTD*	968.00
10.00	*BTD*	960.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 4.00 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-09; INSTALLED USING GEOPROBE, NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000168	0.0	4.0	GEO	18	48	0.0	1.5		90	10			POR	NON	Well-graded sand w/silt, SW-SM				10	35	45
BH000168	0.0	4.0	GEO	18	48	1.5	4.0								No Sample Recovered						
BH000168	4.0	8.0	GEO	33	48	4.0	6.8	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	20	20	45
BH000168	4.0	8.0	GEO	33	48	6.8	8.0								No Sample Recovered						
BH000168	8.0	10.0	GEO	24	24	8.0	10.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	20	20	45

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000168	DRILLING COMPANY	GEOLOGIC
NORTHING	912245.6817 surveyed	DRILLING RIG	GEOPROBE
EASTING	56914.5968 surveyed	DATE STARTED	07/13/00
ELEVATION	970.000 estimated	DATE COMPLETED	07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			37	GRY/BLACK Well-graded sand w/silt, SW-SM		LSE	SAT		OVM 2.1	SOME MOTTLED STAINING & ODOR, BUT NO SHEEN.
969	1									
				No Sample Recovered						
968	2									
967	3									
966	4		68	GRAY Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	SEDIMENT COARSENS DNWARD.
965	5									
964	6									
				No Sample Recovered						
963	7									
962	8		100	GRAY Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	BORING ENDS @ 10'.
961	9									
960	10									

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CLIENT : EECA1 LOCATION ID : BH000169
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/13/00
PROPERTY : END DATE : 07/13/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	970.000	
N. Coordinate :	0.0000	912243.5776
E. Coordinate :	0.0000	56898.4290

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-10 INSTALLED 0-2' BELOW SED SURFACE. STAINING AT SURFACE W/ODOR (NO SHEEN). 0-1' COLLECTED FOR SHAKE TEST, 4-6' FOR ARCHIVE. OVM RDG. 1.5 PPM.

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Well Point Completion Summary

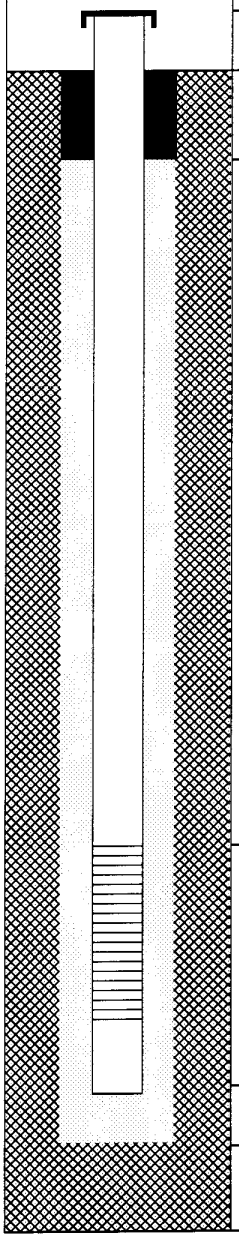
Roy F. Weston, Inc.

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000169
START DATE: 07/13/00
COMPLETION DATE: 07/13/00

WATER LEVELS:
3.00 FT (TOC) on 07/13/00



DEPTH		ELEV.
4.50	*TOC*	974.50
0.00	*GRS*	970.00
0.00	*TSP*	970.00
0.00	*TSC*	970.00
2.00	*WTD*	968.00
10.00	*BTD*	960.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 4.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-10; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale

Elevations in feet above Mean Sea Level

GEOLIS Copyright (c) 1990, 1995 Roy F. WESTON, Inc. (WELLPNT1-96)

09/27/00

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000169	0.0	4.0	GEO	12	48	0.0	1.0	5	75	15	5		POR	NON	Silty sand, SM			5	5	5	65
BH000169	0.0	4.0	GEO	12	48	1.0	4.0								No Sample Recovered						
BH000169	4.0	8.0	GEO	36	48	4.0	7.0	10	90				POR	NON	Well-graded sand, SW			10	15	35	40
BH000169	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000169	8.0	10.0	GEO	24	24	8.0	10.0		65	30	5		POR	NON	Silty sand, SM						65

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000169	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912243.5776 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56898.4290 surveyed	DATE STARTED	: 07/13/00
ELEVATION	: 970.000 estimated	DATE COMPLETED	: 07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			25	BLACK/BROWN Silty sand, SM		SFT	SAT		OVM 1.5	0-1' SMPLE TAKEN FOR SHEEN TEST. MOTTLED BLACK STAINING & ODOR. SHAKE TEST YIELDS NO SHEEN.
969	1			No Sample Recovered						
968	2									
967	3									
966	4		75	GRY/WHITE/TAN Well-graded sand, SW		LSE	SAT		OVM 1.0	TOOK 32 OZ SMPL OF 4-6'.
965	5									
964	6									
963	7			No Sample Recovered						
962	8		100	GRY/BRN Silty sand, SM		SFT	SAT		OVM 0.5	BORING ENDS @ 10'.
961	9									
960	10									

CLIENT : EECA1 LOCATION ID : BH000170
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/13/00
PROPERTY : END DATE : 07/13/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912227.4205
E. Coordinate :	0.0000	56906.3607

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
SAMPLES ARCHIVED.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000170	0.0	4.0	GEO	30	48	0.0	2.5	5	85	10			POR	NON	Well-graded sand w/silt, SW-SM			5	5	5	75
BH000170	0.0	4.0	GEO	30	48	2.5	4.0								No Sample Recovered						
BH000170	4.0	8.0	GEO	42	48	4.0	5.5	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	20	20	45
BH000170	4.0	8.0	GEO	42	48	5.5	7.5		85	15			POR	NON	Silty sand, SM					5	80
BH000170	4.0	8.0	GEO	42	48	7.5	8.0								No Sample Recovered						
BH000170	8.0	10.0	GEO	24	24	8.0	10.0		35	45	5	15	MOD	LOW	Sandy silt, ML						35

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000170	DRILLING COMPANY	GEOLOGIC
NORTHING	912227.4205 surveyed	DRILLING RIG	GEOPROBE
EASTING	56906.3607 surveyed	DATE STARTED	07/13/00
ELEVATION	972.000 estimated	DATE COMPLETED	07/13/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			62	DRK GRY Well-graded sand w/silt, SW-SM		LSE	SAT		OVM 0.5	SMALL PEBBLES PRESENT IN TOP 8". 32 OZ SMPL FOR 0-2.5.
971	1									
970	2									
				No Sample Recovered						
969	3									
968	4		87	TAN/WHITE/GRY Well-graded sand with gravel, SW		LSE	SAT		OVM 0.5	COARSENING DOWNWARD; EXTREMLY FAINT ODOR 0-10'
967	5									
				DRK GRAY Silty sand, SM		SFT	SAT		OVM 0.5	32 OZ SMPL FOR 5.5-7.5'.
966	6									
965	7									
				No Sample Recovered						
964	8		100	DRK GRY Sandy silt, ML		SFT	SAT		OVM 0.5	32 OZ BACKUP SMPL 8.5-10' BORING ENDS @ 10'.
963	9									
962	10									

CLIENT : EECA1 LOCATION ID : BH000171
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/14/00
PROPERTY : END DATE : 07/14/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912241.4712
E. Coordinate :	0.0000	56890.4832

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-11 INSTALLED 0-2' BELOW SED. SURFACE. 3' STICKUP, 1.5' WATER. SHAKE TEST & ARCHIVE SAMPLE TAKEN, BLACK STAIN 0-0.5' HYDROCARBON ODOR TO 8'; DK GRY STREAKING 8-10.

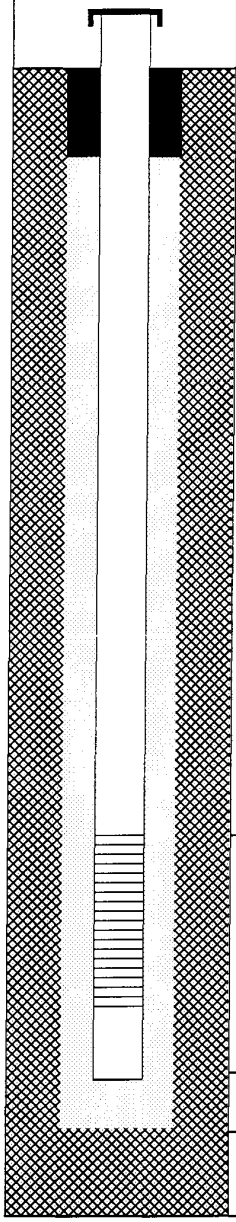
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000171
START DATE: 07/14/00
COMPLETION DATE: 07/14/00

WATER LEVELS:
3.00 FT (TOC) on 07/14/00



DEPTH		ELEV.
4.50	*TOC*	975.50
0.00	*GRS*	971.00
0.00	*TSP*	971.00
0.00	*TSC*	971.00
2.00	*WTD*	969.00
10.00	*BTD*	961.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 *inch* ***Interval:*** 0.00 to 2.00 *ft.*
Type : PVC Sch. 40

Stick Up Inner Casing: 4.50 *ft.* ***Outer Casing:*** 0.00 *ft.*

Casing Grout: NA ***Interval:*** 0.00 to 0.00 *ft.*

Seal Type: NA ***Interval:*** 0.00 to 0.00 *ft.*

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 *ft.*
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 *ft.*
Type : PVC ***Slots:*** 0.010 *inches*

Silt Trap Interval: 0.00 to 0.00 *ft.*
Backfill Type: NA ***Interval:*** 0.00 to 0.00 *ft.*
Top of Bedrock :
Comments:
PZ-11; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000171	0.0	4.0	GEO	33	48	0.0	2.8	35	65				POR	NON	Well-graded sand with gravel, SW		1	25	20	20	25
BH000171	0.0	4.0	GEO	33	48	2.8	4.0								No Sample Recovered						
BH000171	4.0	8.0	GEO	9	48	4.0	4.8		85	15			MOD	NON	Silty sand, SM						85
BH000171	4.0	8.0	GEO	9	48	4.8	8.0								No Sample Recovered						
BH000171	8.0	10.0	GEO	24	24	8.0	10.0		70	20		10	MOD	NON	Silty sand, SM						70

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000171	DRILLING COMPANY	GEOLOGIC
NORTHING	912241.4712 surveyed	DRILLING RIG	GEOPROBE
EASTING	56890.4832 surveyed	DATE STARTED	07/14/00
ELEVATION	971.000 estimated	DATE COMPLETED	07/14/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			68	GRY/BLACK Well-graded sand with gravel, SW		LSE	SAT		OVM 6.9	SHAKE TEST 0-6", TOP 6" STAINED PORTION. 32 OZ TEST TAKEN FOR OVM. SHAKE TEST YIELDS NO SHEEN.
970	1									
969	2									
				No Sample Recovered						
968	3									
967	4		18	DRK GRY Silty sand, SM		SFT	SAT			LESS ODOR THAN 0-2.75'.
				No Sample Recovered						
966	5									
965	6									
964	7									
963	8		100	GRAY/DK GRAY Silty sand, SM		SFT	SAT		OVM 1.0	32 OZ SAMPLE TAKEN FOR OVM BACKUP (8-10').BORING ENDS @ 10'.
962	9									
961	10									

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CLIENT : EECA1 LOCATION ID : BH000172
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/14/00
PROPERTY : END DATE : 07/14/00
SITE/AREA : EECO LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	968.000	
N. Coordinate :	0.0000	912230.2569
E. Coordinate :	0.0000	56890.6846

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. NO STAIN, ODOR, SHEEN OBSERVED. ARCHIVE SAMPLE TAKEN 0-1.25'.

GEOLIS Copyright (c) 1990, 1995, Roy F. WESTON, Inc. (PRNTLOC/EXPREPT)

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000172	0.0	4.0	GEO	24	48	0.0	1.3		95	5			WEL	NON	Poorly-graded sand, SP						95
BH000172	0.0	4.0	GEO	24	48	1.3	2.0	25	75				POR	NON	Well-graded sand with gravel, SW		10	15	15	25	35
BH000172	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000172	4.0	8.0	GEO	36	48	4.0	7.0	35	65				POR	NON	Well-graded sand with gravel, SW	5	15	15	15	20	30
BH000172	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000172	8.0	10.0	GEO	6	48	8.0	8.5	35	65				POR	NON	Well-graded sand with gravel, SW	5	15	15	15	20	30
BH000172	8.0	10.0	GEO	6	48	8.5	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECO	LOGGER	: D. STROBRIDGE
BORING ID	: BH000172	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912230.2569 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56890.6846 surveyed	DATE STARTED	: 07/14/00
ELEVATION	: 968.000 estimated	DATE COMPLETED	: 07/14/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	BROWN Poorly-graded sand, SP		LSE	SAT		OVM 1.0	32 OZ SMPL COL. FOR OVM BACKUP (0-1.25'). SHAKE TEST YIELDS NO SHEEN.
967	1									
				GRY/TAN/WHITE Well-graded sand with gravel, SW		LSE	SAT			
966	2			No Sample Recovered						
965	3									
964	4		75	GRY/TAN/WHITE Well-graded sand with gravel, SW		LSE	SAT			SED. COARSENS DOWNWARD.
963	5									
962	6									
961	7			No Sample Recovered						
960	8		12	GRY/TAN/WHITE Well-graded sand with gravel, SW		LSE	SAT			
				No Sample Recovered						BORING ENDS @ 10'.
959	9									
958	10									

CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000173
BEGIN DATE : 07/14/00
END DATE : 07/14/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912221.9370
E. Coordinate :	0.0000	56871.1022

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. TOP 4" DK BRWN/BLK W/ODOR, BUT ORGANIC MATERIAL-RICH. SHAKE TEST AND ARCHIVE SAMPLES TAKEN.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000173	0.0	4.0	GEO	24	48	0.0	2.0	25	60	5		10	POR	NON	Silty sand w/gravel, SM		10	15	15	20	25
BH000173	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000173	4.0	8.0	GEO	30	48	4.0	6.5	45	55				POR	NON	Well-graded sand with gravel, SW	10	15	20	15	20	20
BH000173	4.0	8.0	GEO	30	48	6.5	8.0								No Sample Recovered						
BH000173	8.0	10.0	GEO	12	24	8.0	9.0	5	95				POR	NON	Well-graded sand, SW			5	10	25	60
BH000173	8.0	10.0	GEO	12	24	9.0	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000173	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912221.9370 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56871.1022 surveyed	DATE STARTED	: 07/14/00
ELEVATION	: 972.000 estimated	DATE COMPLETED	: 07/14/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	GRAY/BLACK Silty sand w/gravel, SM		LSE	SAT		OVM 1.0	SHAKE TEST 0-4".0.3-2' FOR OVM BACKUP. COARSENS DOWNWARD; SLIGHT ODOR.
971	1									
970	2			No Sample Recovered						
969	3									
968	4		62	GRY/TAN/WHITE Well-graded sand with gravel, SW		LSE	SAT			45% F-M-C GRAVEL, 55% F-M-C SAND.
967	5									
966	6									
				No Sample Recovered						
965	7									
964	8		50	GRY/TAN/WHITE Well-graded sand, SW		LSE	SAT			
963	9			No Sample Recovered						BORING ENDS @ 10'.
962	10									

CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000174
BEGIN DATE : 07/14/00
END DATE : 07/14/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912235.7928
E. Coordinate :	0.0000	56860.5332

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. BLK MOTTLING IN TOP 4", SHAKE TEST & ARCHIVE SAMPLE COLLECTED. ODOR AT TOP FAINT, NO ODOR BELOW 1.5 FT.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000174	0.0	4.0	GEO	12	48	0.0	1.0		95	5			MOD	NON	Poorly-graded sand, SP					5	90
BH000174	0.0	4.0	GEO	12	48	1.0	4.0								No Sample Recovered						
BH000174	4.0	8.0	GEO	42	48	4.0	7.5	35	65				POR	NON	Well-graded sand with gravel, SW		5	30	15	20	30
BH000174	4.0	8.0	GEO	42	48	7.5	8.0								No Sample Recovered						
BH000174	8.0	10.0	GEO	24	24	8.0	10.0		100				MOD	NON	Poorly-graded sand, SP					25	75

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000174	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912235.7928 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56860.5332 surveyed	DATE STARTED	: 07/14/00
ELEVATION	: 971.000 estimated	DATE COMPLETED	: 07/14/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			25	GRAY Poorly-graded sand, SP			SAT			FAINT ODOR. BLK MOTTLING IN TOP 4". SHAKE TEST TAKEN 0-4". SHAKE TEST HAS THIN RIBBON SHEEN.
970	1			No Sample Recovered						
969	2									
968	3									
967	4		87	GRY/TAN/WHITE Well-graded sand with gravel, SW		LSE	SAT			35% GRAVEL, 65% F-M-C SAND.
966	5									
965	6									
964	7									
				No Sample Recovered						
963	8		100	GRAY Poorly-graded sand, SP		LSE	SAT			100% F-M SAND, SUBANGULAR BORING ENDS @ 10'.
962	9									
961	10									

CLIENT : EECA1 LOCATION ID : BH000175
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/14/00
PROPERTY : END DATE : 07/14/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	982.000	
N. Coordinate :	0.0000	912266.1885
E. Coordinate :	0.0000	56923.5304

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. FAINT ODOR @ TOP FOOT. ORGANIC MATTER (TWIGS)0-4", MOTTLED BLACK. ARCHIVE SAMPLE TAKEN 0-1.25'.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000175	0.0	4.0	GEO	15	48	0.0	1.3	15	75			10	POR	NON	Well-graded sand w/silt and gravel, SW-SM		5	10	15	20	40
BH000175	0.0	4.0	GEO	15	48	1.3	4.0								No Sample Recovered						
BH000175	4.0	8.0	GEO	42	48	4.0	5.5	25	75				POR	NON	Well-graded sand with gravel, SW		10	15	15	20	40
BH000175	4.0	8.0	GEO	42	48	5.5	7.5	60	30	10			POR	NON	Well-graded gravel with silt and sand, GW-GM		15	45	10	10	10
BH000175	4.0	8.0	GEO	42	48	7.5	8.0								No Sample Recovered						
BH000175	8.0	10.0	GEO	18	24	8.0	9.5	60	30	10			POR	NON	Well-graded gravel with silt and sand, GW-GM		15	45	10	10	10
BH000175	8.0	10.0	GEO	18	24	9.5	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000175	DRILLING COMPANY	GEOLOGIC
NORTHING	912266.1885 surveyed	DRILLING RIG	GEOPROBE
EASTING	56923.5304 surveyed	DATE STARTED	07/14/00
ELEVATION	982.000 estimated	DATE COMPLETED	07/14/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			31	BLK/GRY Well-graded sand w/silt and gravel, SW-SM		LSE	SAT		OVM 0.5	BLK MOTTLING IN TOP 4", ORGANIC MATTER, TWIGS. 32 OZ SMPL COLLECTED FOR OVM BACKUP.
981	1									
				No Sample Recovered						
980	2									
979	3									
978	4		87	GRAY Well-graded sand with gravel, SW		LSE	SAT			25% F-M GRAVEL, 75% F-M-C SAND.
977	5									
				TAN/LT BRN Well-graded gravel w/silt & sand, GW-GM		LSE	SAT			60% F-M GRAVEL, 30% F-M-C SAND.
976	6									
975	7									
				No Sample Recovered						
974	8		75	LT BRN Well-graded gravel with silt and sand, GW-GM		LSE	SAT			SAME AS ABOVE.
973	9									
				No Sample Recovered						BORING ENDS @ 10'.
972	10									

```
CLIENT    :  EECA1                    LOCATION ID :  BH000176
PROJECT :  HOUSATONIC RIVER           BEGIN DATE :  07/18/00
PROPERTY :                            END DATE :  07/18/00
SITE/AREA :  EECA                     LOGGER :  D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) :  O

Total Depth :  10.00                  Depth to Bedrock : 0.00

Borehole Diameter #1:  2.00
            Interval:  0.00 ft. to 10.00 ft. BGS
            Method  :  GEOPROBE                 Fluid : NONE
Borehole Diameter #2:
            Interval:
            Method  :                           Fluid :
Borehole Diameter #3:
            Interval:
            Method  :                           Fluid :

Drilling Company : GEOLOGIC
Driller          : JUSTIN RAYMOND
Drill Rig Type   : GEOPROBE


                        Estimated                 Surveyed
    Surface
    Elevation :         969.000

N. Coordinate :         0.0000                  912231.7561

E. Coordinate :         0.0000                    56836.3901

Well Permit......(Y)es (N)o: N    Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N  No. of Wells : 0
Well Nest........(Y)es (N)o: N  No. of Wells : 0
Pumps Installed..(Y)es (N)o: N                Type            Depth
                                  Purge  :                    0
                                  Sample :                    0
Borehole Testing
   Borehole Geophysics.....(Y)es (N)o: N
   Slug Tests..............(Y)es (N)o: N
   Packer Tests............(Y)es (N)o: N
   Pumping Tests...........(Y)es (N)o: N
Comments :
   NO SHEEN, ODOR, STAINING, BUT INSTALLED PZ-12 WITH 0-2 FT
   SCREEN; REGION FILLED IN OXBOW, LOCA. CLOSEST TO/ON BANK.
   2 ARCHIVE SAMPLES TAKEN.OVM RDG. 0-2 FT=0.8 PPM.
```

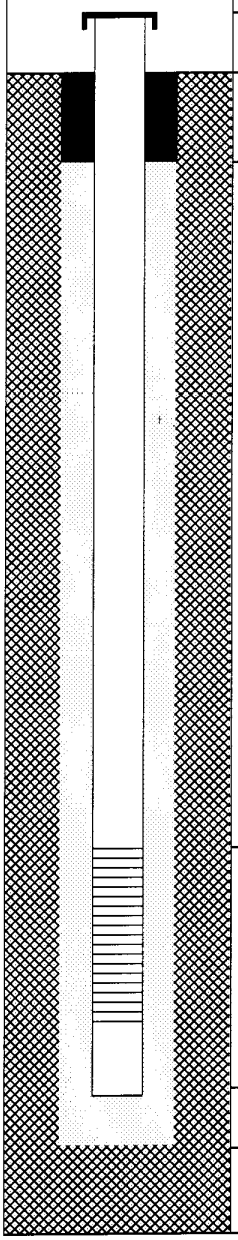
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000176
START DATE: 07/18/00
COMPLETION DATE: 07/18/00

WATER LEVELS:
3.00 FT (TOC) on 07/18/00



DEPTH		ELEV.
4.50	*TOC*	973.50
0.00	*GRS*	969.00
0.00	*TSP*	969.00
0.00	*TSC*	969.00
2.00	*WTD*	967.00
10.00	*BTD*	959.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 4.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-12; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000176	0.0	4.0	GEO	24	48	0.0	2.0		80	10		10	POR	NON	Silty sand, SM				10	30	40
BH000176	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000176	4.0	8.0	GEO	24	48	4.0	6.0	10	90				POR	NON	Well-graded sand, SW		5	5	10	35	45
BH000176	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						
BH000176	8.0	10.0	GEO	6	24	8.0	8.5	25	75				POR	NON	Well-graded sand with gravel, SW	5	10	10	25	20	30
BH000176	8.0	10.0	GEO	6	24	8.5	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000176	DRILLING COMPANY	GEOLOGIC
NORTHING	912231.7561 surveyed	DRILLING RIG	GEOPROBE
EASTING	56836.3901 surveyed	DATE STARTED	07/18/00
ELEVATION	969.000 estimated	DATE COMPLETED	07/18/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	GRY LT BLK Silty sand, SM		LSE	SAT		OVM 0.8	FEW THIN HORIZ. ORGANIC MATTER LAMINAE; 32 OZ. AT 0-2 FT INTERVAL.
968	1									
967	2			No Sample Recovered						NO RECOVERY.
966	3									
965	4		50	GRY Well-graded sand, SW		LSE	SAT		OVM 0.2	16 OZ SAMPLE ARCHIVED FOR 5-6 FT. ACCIDENTIALLY DUMPED 4-5 FT SOIL.
964	5									
963	6			No Sample Recovered						NO RECOVERY
962	7									
961	8		25	GRY Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	NO SAMPLES ARCHIVED.
				No Sample Recovered						NO RECOVERY; BORING ENDS @ 10'.
960	9									
959	10									

CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000177
BEGIN DATE : 07/18/00
END DATE : 07/18/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912208.2032
E. Coordinate :	0.0000	56818.5399

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED B/C NO ODOR, SHEEN, STAINING, OR OVM RDGS. LOCATION STAKED INSTEAD OF PINFLAGGED. ARCHIVE SAMPLE TAKEN.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000177	0.0	4.0	GEO	24	48	0.0	2.0		75	10		15	POR	NON	Silty sand, SM				5	5	65
BH000177	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000177	4.0	8.0	GEO	36	48	4.0	7.0	5	93			2	POR	NON	Well-graded sand, SW			5	5	30	58
BH000177	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000177	8.0	10.0	GEO	24	24	8.0	10.0		100				MOD	NON	Poorly-graded sand, SP					20	80

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000177	DRILLING COMPANY	GEOLOGIC
NORTHING	912208.2032 surveyed	DRILLING RIG	GEOPROBE
EASTING	56818.5399 surveyed	DATE STARTED	07/18/00
ELEVATION	972.000 estimated	DATE COMPLETED	07/18/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	BRN Silty sand, SM		SFT	SAT		OVM 0.2	2.5 IN LAYER OF C-M SAND FROM 1.2-1.5 FT; 0-2 FT COLLECTED IN 32'OZ JAR.
971	1									
970	2			No Sample Recovered						NO RECOVERY
969	3									
968	4		75	GRY Well-graded sand, SW		LSE	SAT		OVM 0.2	1 INCH THICK ORGANIC BED FROM 6.2-6.3 FT. 93% F-M-C SAND.
967	5									
966	6									
965	7			No Sample Recovered						NO RECOVERY
964	8		100	TAN,WHT,GRY Poorly-graded sand, SP		LSE	SAT		OVM 0.0	BORING ENDS @ 10'; 100% F-M SAND.
963	9									
962	10									

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CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000178
BEGIN DATE : 07/18/00
END DATE : 07/18/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912194.8995
E. Coordinate :	0.0000	56799.6429

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
INSTALLED PZ-13 @ 0-2' SCREENED INTERVAL. DEPTH H20 = 2-3", STICKUP=3'. NO ODOR, SHEEN/STAIN.OVM 0.8 PPM IN 0-2' INTERVAL. 2 SAMPLES COLL. - 0-0.5 FT-SHAKE TEST, 5-7'=BACKUP

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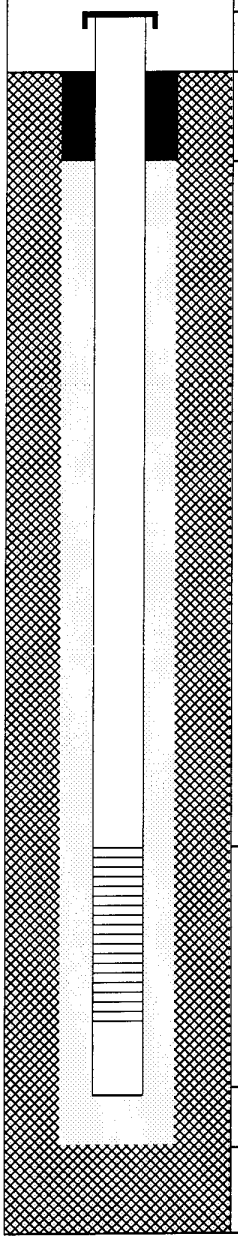
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000178
START DATE: 07/18/00
COMPLETION DATE: 07/18/00

WATER LEVELS:
3.00 FT (TOC) on 07/18/00



DEPTH		ELEV.
3.50	*TOC*	975.50
0.00	*GRS*	972.00
0.00	*TSP*	972.00
0.00	*TSC*	972.00
2.00	*WTD*	970.00
10.00	*BTD*	962.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-13; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000178	0.0	4.0	GEO	24	48	0.0	2.0	15	75	5		5	POR	NON	Well-graded sand w/silt and gravel, SW-SM			15	15	15	45
BH000178	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000178	4.0	8.0	GEO	36	48	4.0	7.0	30	70				POR	NON	Well-graded sand with gravel, SW		10	20	20	20	30
BH000178	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000178	8.0	10.0	GEO	12	24	8.0	9.0	55	45				POR	NON	Well-graded gravel with sand, GW		25	30	15	20	10
BH000178	8.0	10.0	GEO	12	24	9.0	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000178	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912194.8995 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56799.6429 surveyed	DATE STARTED	: 07/18/00
ELEVATION	: 972.000 estimated	DATE COMPLETED	: 07/18/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	GRY,TAN,WHT Well-graded sand w/silt and gravel, SW-		LSE	SAT		OVM 0.8	SAMPLED 0-0.5 FOR SHAKE TEST, YIELDS NO SHEEN.
971	1									
970	2			No Sample Recovered						NO RECOVERY
969	3									
968	4		75	GRY,TAN,WHT Well-graded sand with gravel, SW		LSE	SAT		OVM 0.2	32 OZ. SAMPLE FROM 5-7 FT 70% F-M-C SAND.
967	5									
966	6									
965	7			No Sample Recovered						NO RECOVERY
964	8		50	GRY,TAN,BRN Well-graded gravel with sand, GW		LSE	SAT		OVM 0.2	NO SAMPLE ARCHIVED.
963	9			No Sample Recovered						NO RECOVERY; BORING ENDS @ 10'.
962	10									

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```
CLIENT    :  EECA1                    LOCATION ID :  BH000179
PROJECT :  HOUSATONIC RIVER           BEGIN DATE :  07/18/00
PROPERTY :                            END DATE :  07/18/00
SITE/AREA :  EECA                     LOGGER :  D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) :  O

Total Depth :  10.00                  Depth to Bedrock : 0.00

Borehole Diameter #1:  2.00
            Interval:  0.00 ft. to 10.00 ft. BGS
            Method  :  GEOPROBE                Fluid : NONE
Borehole Diameter #2:
            Interval:
            Method  :                          Fluid :
Borehole Diameter #3:
            Interval:
            Method  :                          Fluid :

Drilling Company : GEOLOGIC
Driller          : JUSTIN RAYMOND
Drill Rig Type   : GEOPROBE


                        Estimated                 Surveyed
    Surface
    Elevation :         970.000

N. Coordinate :         0.0000                  912182.9271

E. Coordinate :         0.0000                    56791.5125

Well Permit......(Y)es (N)o: N    Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N  No. of Wells : 0
Well Nest........(Y)es (N)o: N  No. of Wells : 0
Pumps Installed..(Y)es (N)o: N                Type            Depth
                                  Purge  :                    0
                                  Sample :                    0
Borehole Testing
   Borehole Geophysics.....(Y)es (N)o: N
   Slug Tests..............(Y)es (N)o: N
   Packer Tests............(Y)es (N)o: N
   Pumping Tests...........(Y)es (N)o: N
Comments :
   INSTALLED PZ-14 W/SCREENED INTERV. = 0-2', 3"=H20 DEPTH,
   3'=STICKUP.2 SMPLS ARCHIVED. MAX OVM=0.8 PPM.NO SHEEN
   STAINING, SOME FAINT ODOR IN 0-2'.
```

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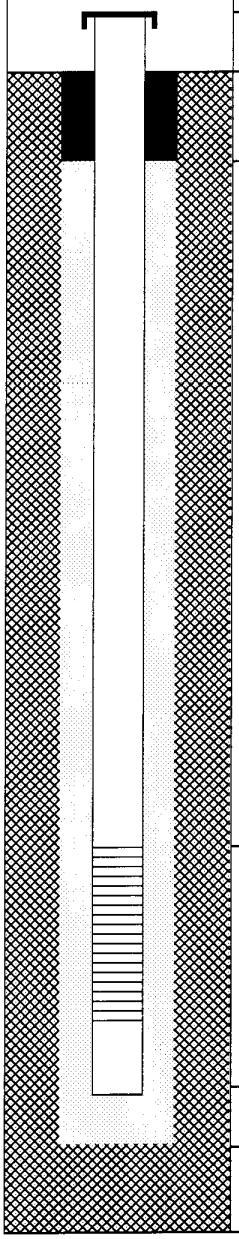
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000179
START DATE: 07/18/00
COMPLETION DATE: 07/18/00

WATER LEVELS:
3.00 FT (TOC) on 07/18/00



DEPTH		ELEV.
3.50	*TOC*	973.50
0.00	*GRS*	970.00
0.00	*TSP*	970.00
0.00	*TSC*	970.00
2.00	*WTD*	968.00
10.00	*BTD*	960.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-14; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000179	0.0	4.0	GEO	24	48	0.0	2.0	10	75	10		5	POR	NON	Silty sand, SM			10	20	20	35
BH000179	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000179	4.0	8.0	GEO	36	48	4.0	7.0	10	90				POR	NON	Well-graded sand, SW		5	5	15	25	50
BH000179	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000179	8.0	10.0	GEO	24	24	8.0	10.0	5	90	5			POR	NON	Well-graded sand, SW			5	10	15	65

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000179	DRILLING COMPANY	GEOLOGIC
NORTHING	912182.9271 surveyed	DRILLING RIG	GEOPROBE
EASTING	56791.5125 surveyed	DATE STARTED	07/18/00
ELEVATION	970.000 estimated	DATE COMPLETED	07/18/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	BRN/GRY Silty sand, SM		LSE	SAT		OVM 0.8	COLLECTED 0-0.5 FT SAMPLE FOR SHAKE TEST, YIELDS NO SHEEN.
969	1									
968	2			No Sample Recovered						NO RECOVERY
967	3									
966	4		75	GRY Well-graded sand, SW		LSE	SAT		OVM 0.0	32 OZ. SAMPLE FROM 5.5-7 FT; 90% F-M-C SAND.
965	5									
964	6									
963	7			No Sample Recovered						NO RECOVERY
962	8		100	GRY,TAN,BRN Well-graded sand, SW		LSE	SAT		OVM 0.0	3 IN LAYER AT 9.2-9.5 FT THAT CONTAINS MOST OF THE GRAVEL FRACTION LISTED. BORING ENDS @ 10'.
961	9									
960	10									

CLIENT : EECA1 LOCATION ID : BH000180
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/19/00
PROPERTY : END DATE : 07/19/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	974.000	
N. Coordinate :	0.0000	912217.5052
E. Coordinate :	0.0000	56857.8807

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
INSTALLED PZ-15 B/C OF ODOR, STAINING IN 0-2' INTERVAL;
SCREEN @ 0-2'. 8"=H20, 3'=STICKUP. SOME ODOR NO STAIN @ 4-6'
2 SAMPLES ARCHIVED. SIGNIFICANT SHEENING ON WATER SURFACE.

Well Point Completion Summary

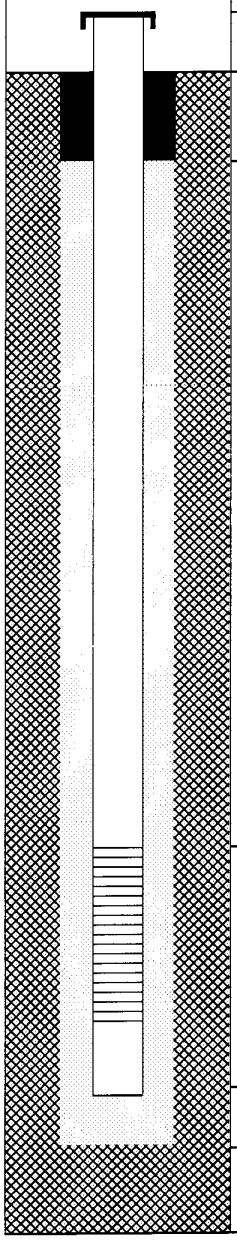
Roy F. Weston, Inc.

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000180
START DATE: 07/19/00
COMPLETION DATE: 07/19/00

WATER LEVELS:
3.00 FT (TOC) on 07/19/00



DEPTH		ELEV.
3.50	*TOC*	977.50
0.00	*GRS*	974.00
0.00	*TSP*	974.00
0.00	*TSC*	974.00
2.00	*WTD*	972.00
10.00	*BTD*	964.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-15; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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09/27/00

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000180	0.0	4.0	GEO	9	48	0.0	0.8		85	5		10	POR	NON	Silty sand, SM				5	10	70
BH000180	0.0	4.0	GEO	9	48	0.8	4.0								No Sample Recovered						
BH000180	4.0	8.0	GEO	24	48	4.0	6.0	5	80	5		10	POR	NON	No Sample Recovered			5	5	10	65
BH000180	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						
BH000180	8.0	10.0	GEO	24	48	8.0	10.0	15	85				POR	NON	Well-graded sand with gravel, SW			15	25	20	40

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000180	DRILLING COMPANY	GEOLOGIC
NORTHING	912217.5052 surveyed	DRILLING RIG	GEOPROBE
EASTING	56857.8807 surveyed	DATE STARTED	07/19/00
ELEVATION	974.000 estimated	DATE COMPLETED	07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			18	BRN/GRY/BLK Silty sand, SM		LSE	SAT			HYDROCAR ODOR, STAIN & POSS. SHEEN; 0-0.5 FT FOR SHAKE, NO SHEEN OR NAPL; SHEEN ON RIVER WHILE WORK
				No Sample Recovered						NO RECOVERY
973	1									
972	2									
971	3									
970	4		50	BRN/GRY/BLK No Sample Recovered		LSE	SAT		OVM 0.0	SAME AS ABOVE W/5% FINE GRAVEL COLLECTED 32 OZ. FROM 2-4 FT.
969	5									
968	6			No Sample Recovered						NO RECOVERY
967	7									
966	8		50	Well-graded sand with gravel, SW		LSE	SAT			COARSENING DOWNWARD; BORING ENDS @ 10'.
965	9									
964	10									

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CLIENT : EECA1 LOCATION ID : BH000181
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/19/00
PROPERTY : END DATE : 07/19/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912233.7365
E. Coordinate :	0.0000	56851.7202

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. NO ODOR, NO STAINING/SHEENING. 2 SAMPLES ARCHIVED. MAX. OVM RDG.=1.4 PPM. NO RECOVERY: 1.5-4, 7-8, & 9-10 FT BGS.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000181	0.0	4.0	GEO	18	48	0.0	1.5	5	75	10		10	POR	NON	Silty sand, SM			5	5	25	45
BH000181	0.0	4.0	GEO	18	48	1.5	4.0								No Sample Recovered						
BH000181	4.0	8.0	GEO	36	48	4.0	7.0	10	85	5			POR	NON	Well-graded sand, SW		5	5	10	25	50
BH000181	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000181	8.0	10.0	GEO	9	24	8.0	8.8	50	50				POR	NON	Well-graded sand with gravel, SW	5	20	25	10	20	20
BH000181	8.0	10.0	GEO	9	24	8.8	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000181	DRILLING COMPANY	GEOLOGIC
NORTHING	912233.7365 surveyed	DRILLING RIG	GEOPROBE
EASTING	56851.7202 surveyed	DATE STARTED	07/19/00
ELEVATION	971.000 estimated	DATE COMPLETED	07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			37	BLK/GRY/BRN Silty sand, SM		LSE	SAT		OVM 1.4	TOP 3.5 IN. BLACK; FAINT HYDROC. ODOR; BLACK IS ORGANIC MATTER (COARSE WOOD TEXT) 32 OZ ARCHIVE
970	1									
				No Sample Recovered						NO RECOVERY
969	2									
968	3									
967	4		75	Well-graded sand, SW		LSE	SAT		OVM 0.0	32 OZ. ARCHIVE SAMPLE;10% GRAVEL, 55% F-M-C SAND.
966	5									
965	6									
964	7			No Sample Recovered						NO RECOVERY
963	8		37	TAN/WHT/GRY Well-graded sand with gravel, SW		LSE	SAT			50% GRAVEL/50% F-M-C SAND
				No Sample Recovered						NO RECOVERY; BORING ENDS @ 10'.
962	9									
961	10									

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CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000182
BEGIN DATE : 07/19/00
END DATE : 07/19/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 8.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912225.2173
E. Coordinate :	0.0000	56822.6374

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. NO ODOR, SHEEN, STAINING. 0-6" SHAKETEST SAMPLE TAKEN. REFUSAL @ 8 FT. TOOK 32 OZ ARCHIVE SAMPLE.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000182	0.0	4.0	GEO	30	48	0.0	1.5		60	20	5	15	POR	NON	Silty sand, SM					5	55
BH000182	0.0	4.0	GEO	30	48	1.5	2.5	10	90				POR	NON	Well-graded sand, SW			10	20	25	45
BH000182	0.0	4.0	GEO	30	48	2.5	4.0								No Sample Recovered						
BH000182	4.0	8.0	GEO	9	48	4.0	4.8	10	90				POR	NON	Well-graded sand, SW			10	20	25	45
BH000182	4.0	8.0	GEO	9	48	4.8	8.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	8.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000182	DRILLING COMPANY	GEOLOGIC
NORTHING	912225.2173 surveyed	DRILLING RIG	GEOPROBE
EASTING	56822.6374 surveyed	DATE STARTED	07/19/00
ELEVATION	971.000 estimated	DATE COMPLETED	07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			62	BRND/BLK Silty sand, SM		SFT	SAT			0-0.5' SHAKE TEST YIELDS NO SHEEN.
970	1									
				BRN/TAN/WHT Well-graded sand, SW		LSE	SAT			NO ARCHIVE SAMPLE.
969	2									
				No Sample Recovered						NO RECOVERY
968	3									
967	4		18	Well-graded sand, SW		LSE	SAT			SAME AS ABOVE.
				No Sample Recovered						NO RECOVERY; BORING ENDS @ 8'.
966	5									
965	6									
964	7									
963	8									
962	9									
961	10									

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CLIENT : EECA1
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : EECA

LOCATION ID : BH000183
BEGIN DATE : 07/19/00
END DATE : 07/19/00
LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	974.000	
N. Coordinate :	0.0000	912210.8255
E. Coordinate :	0.0000	56833.4040

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED. ARCHIVE SAMPLE TAKEN. NO ODOR, SHEENING OR STAINING. NO OVMS RDGS. NO RECOVERY: 1.5-4, 6.5-8 FT BGS.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000183	0.0	4.0	GEO	18	48	0.0	1.5		70	20		10	MOD	NON	Silty sand, SM						70
BH000183	0.0	4.0	GEO	18	48	1.5	4.0								No Sample Recovered						
BH000183	4.0	8.0	GEO	30	48	4.0	6.5	40	60				POR	NON	Well-graded sand with gravel, SW		15	25	20	20	20
BH000183	4.0	8.0	GEO	30	48	6.5	8.0								No Sample Recovered						
BH000183	8.0	10.0	GEO	24	24	8.0	10.0	5	95				POR	NON	Well-graded sand, SW			5	10	30	55

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000183	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912210.8255 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56833.4040 surveyed	DATE STARTED	: 07/19/00
ELEVATION	: 974.000 estimated	DATE COMPLETED	: 07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			37	BRN Silty sand, SM		SFT	SAT		OVM 0.0	WOOD FRAG (100%) FROM 0.8 -1.5'; COLLECTED 32 OZ. FOR ARCHIVE (0-1.5); LONG TIME TO PUSH THROUGH.
973	1									
				No Sample Recovered						NO RECOVERY
972	2									
971	3									
970	4		62	GRY/TAN/WHT Well-graded sand with gravel, SW		LSE	SAT			2" LENS OF WELL SORTED FINE SAND FROM 4.8-5'.
969	5									
968	6									
				No Sample Recovered						NO RECOVERY
967	7									
966	8		100	GRY/WHT Well-graded sand, SW		LSE	SAT			END OF BORING @ 10'.
965	9									
964	10									

CLIENT : EECA1 LOCATION ID : BH000184
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/19/00
PROPERTY : END DATE : 07/19/00
SITE/AREA : EECA LOGGER : D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 8.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 8.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912217.6517
E. Coordinate :	0.0000	56807.5763

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
INSTALLED PZ-16 W/SCREEN @ 0-2'. FAINT ODOR BUT NO STAIN OR SHEEN. SHAKE TEST OF 0-0.5'. 3 ARCHIVE SAMPLES TAKEN. NO RECOVERY: 1-4' BGS. NO OVM RDGS. NO SHEEN IN SHAKE TEST.

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Well Point Completion Summary

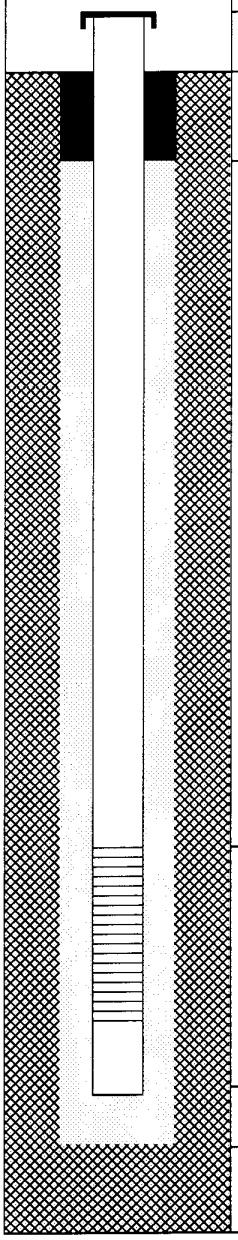
Roy F. Weston, Inc.

CLIENT: HOUSATONIC RIVER
SITE NAME: EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000184
START DATE: 07/19/00
COMPLETION DATE: 07/19/00

WATER LEVELS:
3.00 FT (TOC) on 07/19/00



DEPTH		ELEV.
3.50	*TOC*	974.50
0.00	*GRS*	971.00
0.00	*TSP*	971.00
0.00	*TSC*	971.00
2.00	*WTD*	969.00
8.00	*BTD*	963.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-16; INSTALLED USING GEOPROBE; NO BENTONITE SEAL, NO BACK FILL, NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale

Elevations in feet above Mean Sea Level

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09/27/00

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000184	0.0	4.0	GEO	12	48	0.0	1.0		65	20		15	MOD	NON	Silty sand, SM						65
BH000184	0.0	4.0	GEO	12	48	1.0	4.0								No Sample Recovered						
BH000184	4.0	8.0	GEO	48	48	4.0	6.5		95			5	WEL	NON	Poorly-graded sand, SP					5	90
BH000184	4.0	8.0	GEO	48	48	6.5	8.0		5	65	15	15	MOD	LOW	Silt, ML						5

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	8.00
SITE NAME	EECA	LOGGER	D. STROBRIDGE
BORING ID	BH000184	DRILLING COMPANY	GEOLOGIC
NORTHING	912217.6517 surveyed	DRILLING RIG	GEOPROBE
EASTING	56807.5763 surveyed	DATE STARTED	07/19/00
ELEVATION	971.000 estimated	DATE COMPLETED	07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			25	BRN Silty sand, SM		SFT	SAT			0-0.5' SHAKE TEST YIELDS NO SHEEN; BLK LAMINATIONS OF ORGANIC MATTER; SOME WOOD FRG GIVING DK COLOR.
970	1			No Sample Recovered						NO RECOVERY
969	2									
968	3									
967	4		100	TAN/GRY Poorly-graded sand, SP		LSE	SAT		OVM 0.0	RUNNING SAND CAME UP 2' IN RODS; 2" ORGANIC LAYER 6.3-6.5'; 32 OZ SAMPLE FOR ARCHIVE.
966	5									
965	6									
				BRN Silt, ML		SFT	SAT		OVM 0.0	TOO TIGHT TO GET 8-10'; TOOK 3 DRILLERS 10 MIN TO PULL SPOON OUT; 32 OZ. SAMPLE ARCHIVE OF BOTH
964	7									
963	8									
962	9									
961	10									

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CLIENT : EECA2 LOCATION ID : BH000185
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/19/00
PROPERTY : END DATE : 07/19/00
SITE/AREA : H2 LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NON
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	970.000	
N. Coordinate :	0.0000	912207.1710
E. Coordinate :	0.0000	56792.5238

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; NO ODOR, SHEEN OR STAIN; COLLECTED 0-2, 5-7' IN 32 OZ JAR FOR ARCHIVING; NO RECOVERY 2-4 & 7-8 FT.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000185	0.0	4.0	GEO	24	48	0.0	2.0	5	90	5			POR	NON	Well-graded sand, SW			5	15	25	50
BH000185	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000185	4.0	8.0	GEO	36	48	4.0	7.0	25	73			2	POR	NON	Well-graded sand with gravel, SW			25	20	25	28
BH000185	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000185	8.0	10.0	GEO	24	24	8.0	10.0	25	75				POR	NON	Well-graded sand with gravel, SW		5	20	30	25	20

Borehole Log

Roy F. Weston, Inc.

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: H2	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000185	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912207.1710 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56792.5238 surveyed	DATE STARTED	: 07/19/00
ELEVATION	: 970.000 estimated	DATE COMPLETED	: 07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	GRY/BRN Well-graded sand, SW		LSE	SAT		OVM 0.0	COARSENING DOWNWARD; 32 OZ. OVM/BACKUP; OVM READ ON 7/20/00.
969	1									
968	2			No Sample Recovered						NO RECOVERY.
967	3									
966	4		75	Well-graded sand with gravel, SW		LSE	SAT			COARSENING DOWNWARD; 32 OZ BACKUP & OVM OF 5-7'.
965	5									
964	6									
963	7			No Sample Recovered						NO RECOVERY
962	8		100	BRN/TAN/WHT Well-graded sand with gravel, SW		LSE	SAT			NO SAMPLE ARCHIVED; END OF BORING @ 10'.
961	9									
960	10									

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```
CLIENT    :  EECA2                    LOCATION ID :  BH000186
PROJECT :  HOUSATONIC RIVER           BEGIN DATE :  07/20/00
PROPERTY :                            END DATE :  07/20/00
SITE/AREA :  H2-EECA                  LOGGER :  DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) :  O

Total Depth :  7.00                   Depth to Bedrock : 0.00

Borehole Diameter #1:  2.00
            Interval:  0.00 ft. to 10.00 ft. BGS
            Method  :  GEOPROBE                Fluid : NONE
Borehole Diameter #2:
            Interval:
            Method  :                          Fluid :
Borehole Diameter #3:
            Interval:
            Method  :                          Fluid :

Drilling Company : GEOLOGIC
Driller          : JUSTIN RAYMOND
Drill Rig Type   : GEOPROBE


                        Estimated                 Surveyed
    Surface
    Elevation :         970.000

N. Coordinate :         0.0000                  912187.1628

E. Coordinate :         0.0000                    56774.5669

Well Permit......(Y)es (N)o: N    Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N  No. of Wells : 0
Well Nest........(Y)es (N)o: N  No. of Wells : 0
Pumps Installed..(Y)es (N)o: N                Type            Depth
                                  Purge  :                    0
                                  Sample :                    0
Borehole Testing
   Borehole Geophysics.....(Y)es (N)o: N
   Slug Tests..............(Y)es (N)o: N
   Packer Tests............(Y)es (N)o: N
   Pumping Tests...........(Y)es (N)o: N
Comments :
   INSTALLED PZ-17; FAINT ODOR @ 0-5'; NO STAIN,SHEEN OR NAPL;
   REFUSAL ON TREE ROOTS @ 7 FT; COLLECTED 0-0.5' FOR SHAKE
   TEST AND 4-5' FOR ARCHIVE.
```

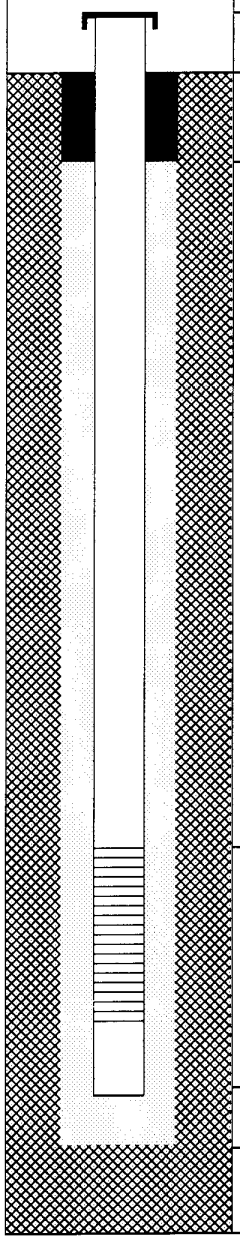
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000186
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	973.50
0.00	*GRS*	970.00
0.00	*TSP*	970.00
0.00	*TSC*	970.00
2.00	*WTD*	968.00
7.00	*BTD*	963.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-17; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000186	0.0	4.0	GEO	12	48	0.0	1.0		70	20		10	POR	NON	Silty sand, SM						70
BH000186	0.0	4.0	GEO	12	48	1.0	4.0								No Sample Recovered						
BH000186	4.0	7.0	GEO	12	36	4.0	5.0								No Sample Recovered						
BH000186	4.0	7.0	GEO	12	36	5.0	6.0	5	95				POR	NON	Well-graded sand, SW			5	20	35	40
BH000186	4.0	7.0	GEO	12	36	6.0	7.0								No Sample Recovered						

Borehole Log

Roy F. Weston, Inc.

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 7.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000186	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912187.1628 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56774.5669 surveyed	DATE STARTED	: 07/20/00
ELEVATION	: 970.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			25	BRN Silty sand, SM		SFT	SAT			0-6" SHAKE TEST: YIELDS 1-0.5MM THICK RIBBON OF SHEEN
969	1			No Sample Recovered						NO RECOVERY
968	2									
967	3									
966	4		33	No Sample Recovered						NO RECOVERY
965	5			Well-graded sand, SW		SHP	SAT		OVM 0.0	
964	6			No Sample Recovered						NO RECOVERY: REFUSAL @7 FT; MOVE OVER SLTLY TO TRY 8-10 FT(SAME REFUSAL) COLLECTED 10 OZ ARCHIVE
963	7									
962	8									
961	9									
960	10									

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CLIENT : EECA2 LOCATION ID : BH000187
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/19/00
PROPERTY : END DATE : 07/19/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912171.8590
E. Coordinate :	0.0000	56785.7376

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; NO RECOVERY 1-4, 7-8 FT; SHAKE TEST SHOWS A COUPLE OF SMALL SPECKS OF RAINBOW SHEEN. 2 SAMPLES ARCHIVED.

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000187	0.0	4.0	GEO	9	48	0.0	0.8		95	5			WEL	NON	Poorly-graded sand, SP						95
BH000187	0.0	4.0	GEO	9	48	0.8	4.0								No Sample Recovered						
BH000187	4.0	8.0	GEO	36	48	4.0	7.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	30	25	30
BH000187	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000187	8.0	10.0	GEO	24	24	8.0	10.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	30	25	30

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000187	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912171.8590 surveyed	DRILLING RIG	: GEOPROBE
EASTING	: 56785.7376 surveyed	DATE STARTED	: 07/19/00
ELEVATION	: 972.000 estimated	DATE COMPLETED	: 07/19/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			18	BROWN Poorly-graded sand, SP		LSE	SAT			0-0.5' SHAKE TEST; TEST SHOWS COUPLE OF 1MM DIA. CIRCLES OF RAINBOW SHEEN.
971	1			No Sample Recovered						NO RECOVERY.
970	2									
969	3									
968	4		75	TAN/GRY/BRN Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	32 OZ. ARCHIVE OF 4-6 FT.
967	5									
966	6									
965	7			No Sample Recovered						NO RECOVERY
964	8		100	TAN/GRY/BRN Well-graded sand with gravel, SW		LSE	SAT			SAME AS ABOVE; END OF BORING @ 10'.
963	9									
962	10									

CLIENT : EECA2 LOCATION ID : BH000188
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : GEOPROBE

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912158.4871
E. Coordinate :	0.0000	56759.2028

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
INSTALLED PZ-18; 0-2' SCREEN, 3" H2O, 3' STICKUP; FAINT ODOR LOCATION IN CENTER OF OXBOW FILL; THICK VEG; SHAKE TEST - NO SHEEN; NO OVM RDG; RECOVERY: 2-4, 6-10 FT. SAMPLES ARCHIVED.

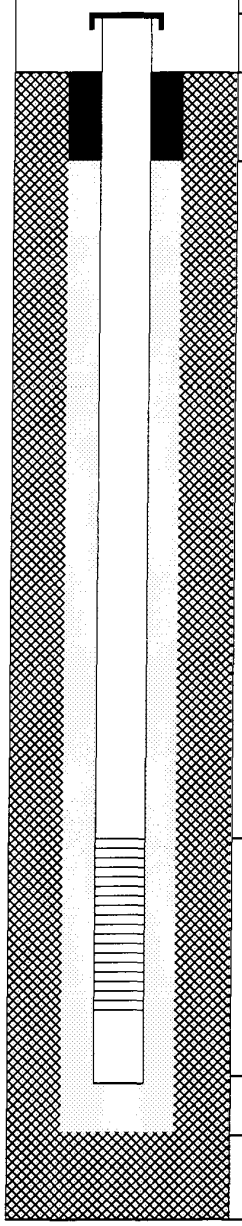
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000188
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	974.50
0.00	*GRS*	971.00
0.00	*TSP*	971.00
0.00	*TSC*	971.00
2.00	*WTD*	969.00
10.00	*BTD*	961.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-18; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000188	0.0	4.0	GEO	24	48	0.0	0.8		80	10		10	MOD	NON	Silty sand, SM						80
BH000188	0.0	4.0	GEO	24	48	0.8	2.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	35	30	20
BH000188	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000188	4.0	8.0	GEO	24	48	4.0	6.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	35	30	20
BH000188	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						
BH000188	8.0	10.0	GEO	0	24	8.0	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	H2-EECA	LOGGER	DAN STROBRIDGE
BORING ID	BH000188	DRILLING COMPANY	GEOLOGIC
NORTHING	912158.4871 surveyed	DRILLING RIG	GEOPROBE
EASTING	56759.2028 surveyed	DATE STARTED	07/20/00
ELEVATION	971.000 estimated	DATE COMPLETED	07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	DK. GRY Silty sand, SM		SFT	SAT			0-6" SHAKE TEST; NO SHEEN FAINT ODOR.
970	1			TAN/GRY/BRN Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	16 OZ IN JAR FOR ARCHIVE; OVM RDG TAKEN @ 1810 IN OFFICE.
969	2			No Sample Recovered						NO RECOVERY.
968	3									
967	4		50	Well-graded sand with gravel, SW		LSE	SAT			SAME AS ABOVE.
966	5									
965	6			No Sample Recovered						NO RECOVERY
964	7									
963	8			No Sample Recovered						NO RECOVERY; BORING END AT 10'.
962	9									
961	10									

CLIENT : EECA2 LOCATION ID : BH000189
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER W/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	971.000	
N. Coordinate :	0.0000	912160.8015
E. Coordinate :	0.0000	56778.0937

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-19 INSTALLED W/SCREEN SET @ 0-2 FT.; FAINT ODOR @ 0-2 FT INTERVAL; SHAKE TEST YIELDS RAINBOW SHEEN, ARCHIVED SAMPLES; NO RECOVERY 2-4;7-8 FT. NO STAIN OR SHEEN VISIBLE IN SED.

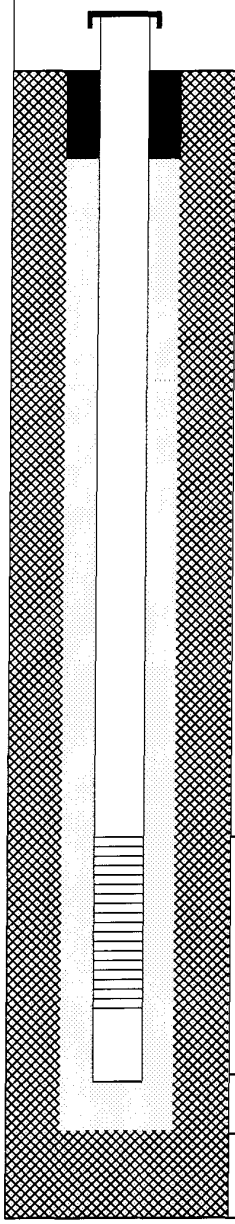
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000189
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	3.50
0.00	*GRS*	0.00
0.00	*TSP*	0.00
0.00	*TSC*	0.00
2.00	*WTD*	-2.00
10.00	*BTD*	-10.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 *inch* ***Interval:*** 0.00 to 2.00 *ft.*
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 *ft.* ***Outer Casing:*** 0.00 *ft.*

Casing Grout: NA ***Interval:*** 0.00 to 0.00 *ft.*

Seal Type: NA ***Interval:*** 0.00 to 0.00 *ft.*

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 *ft.*
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 *ft.*
Type : PVC ***Slots:*** 0.010 *inches*

Silt Trap Interval: 0.00 to 0.00 *ft.*
Backfill Type: NA ***Interval:*** 0.00 to 0.00 *ft.*
Top of Bedrock :
Comments:
PZ-19; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000189	0.0	4.0	GEO	24	48	0.0	0.8		80	10		10	MOD	NON	Silty sand, SM						80
BH000189	0.0	4.0	GEO	24	48	0.8	2.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	35	30	20
BH000189	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000189	4.0	8.0	GEO	36	48	4.0	7.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	35	30	20
BH000189	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000189	8.0	10.0	GEO	18	24	8.0	9.5	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	35	30	20
BH000189	8.0	10.0	GEO	18	24	9.5	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	H2-EECA	LOGGER	DAN STROBRIDGE
BORING ID	BH000189	DRILLING COMPANY	GEOLOGIC
NORTHING	912160.8015 surveyed	DRILLING RIG	JACKHAMMER W/GEOPROBE SPOONS
EASTING	56778.0937 surveyed	DATE STARTED	07/20/00
ELEVATION	971.000 estimated	DATE COMPLETED	07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	DK. GRY/BRN Silty sand, SM		SFT	SAT			0-6" SHAKE TEST: YIELDS SOME RAINBOW SHEEN.
970	1			Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	
969	2			No Sample Recovered						NO RECOVERY
968	3									
967	4		75	Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	SAME AS ABOVE; 4-6' ARCHIVED.
966	5									
965	6									
964	7			No Sample Recovered						NO RECOVERY
963	8		75	Well-graded sand with gravel, SW		LSE	SAT			SAME AS ABOVE.
962	9									
				No Sample Recovered						END OF BORING @ 10'.
961	10									

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```
CLIENT    :  EECA2                    LOCATION ID :  BH000190
PROJECT :  HOUSATONIC RIVER           BEGIN DATE :  07/20/00
PROPERTY :                            END DATE :  07/20/00
SITE/AREA :  H2-EECA                  LOGGER :  D. STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) :  O

Total Depth :  10.00                  Depth to Bedrock : 0.00

Borehole Diameter #1:  2.00
            Interval:  0.00 ft. to 10.00 ft. BGS
            Method  :  GEOPROBE                 Fluid : NONE
Borehole Diameter #2:
            Interval:
            Method  :                           Fluid :
Borehole Diameter #3:
            Interval:
            Method  :                           Fluid :

Drilling Company : GEOLOGIC
Driller          : JUSTIN RAYMOND
Drill Rig Type   : JACKHAMMER W/GEOPROBE SPOONS


                        Estimated                 Surveyed
    Surface
    Elevation :         970.000

N. Coordinate :         0.0000                  912149.8843

E. Coordinate :         0.0000                    56759.4679

Well Permit......(Y)es (N)o: N    Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N  No. of Wells : 0
Well Nest........(Y)es (N)o: N  No. of Wells : 0
Pumps Installed..(Y)es (N)o: N                Type            Depth
                                  Purge  :                    0
                                  Sample :                    0
Borehole Testing
   Borehole Geophysics.....(Y)es (N)o: N
   Slug Tests..............(Y)es (N)o: N
   Packer Tests............(Y)es (N)o: N
   Pumping Tests...........(Y)es (N)o: N
Comments :
   PZ-20 INSTALLED W/SCREEN SET @ 0-4 FT. OBSERVED SLIGHT
   RAINBOW SHEEN @ SED. SURFACE; ARCHIVED 4-6 FT; ODOR OBSERVED
   DOWN TO 6' BGS; NO OVM RDGS.
```

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Well Point Completion Summary

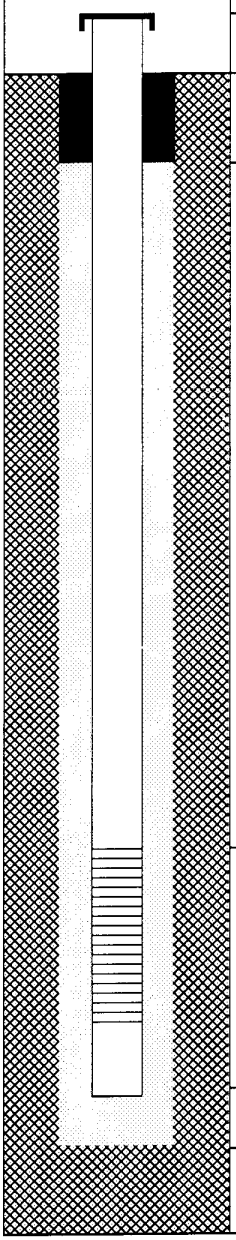
Roy F. Weston, Inc.

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000190
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	973.50
0.00	*GRS*	970.00
0.00	*TSP*	970.00
0.00	*TSC*	970.00
4.00	*WTD*	966.00
10.00	*BTD*	960.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 4.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 4.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-20; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

GEOLIS Copyright (c) 1990, 1995 Roy F. WESTON, Inc. (WELLPNT1-96)

09/27/00

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000190	0.0	4.0	GEO	6	48	0.0	0.5		80	10		10	MOD	NON	Silty sand, SM						80
BH000190	0.0	4.0	GEO	6	48	0.5	4.0								No Sample Recovered						
BH000190	4.0	8.0	GEO	24	48	4.0	6.0	10	80	5		5	POR	NON	Well-graded sand w/silt, SW-SM		5	5	35	25	20
BH000190	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						
BH000190	8.0	10.0	GEO	6	24	8.0	8.5	10	80	5		5	POR	NON	Well-graded sand w/silt, SW-SM		5	5	35	25	20
BH000190	8.0	10.0	GEO	6	24	8.5	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: H2-EECA	LOGGER	: D. STROBRIDGE
BORING ID	: BH000190	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912149.8843 surveyed	DRILLING RIG	: JACKHAMMER W/GEOPROBE SPOONS
EASTING	: 56759.4679 surveyed	DATE STARTED	: 07/20/00
ELEVATION	: 970.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			12	BRN Silty sand, SM		SFT	SAT			SLIGHT RAINBOW SHEEN @ SED. SURFACE.
				No Sample Recovered						
969	1									
968	2									
967	3									
966	4		50	TAN/BRN/GRY Well-graded sand w/silt, SW-SM		LSE	SAT		OVM 0.0	
965	5									
964	6			No Sample Recovered						NO RECOVERY
963	7									
962	8		25	Well-graded sand w/silt, SW-SM		LSE	SAT			SAME AS ABOVE.
				No Sample Recovered						NO RECOVERY; BORING END AT 10'.
961	9									
960	10									

```
CLIENT    :  EECA2                    LOCATION ID :  BH000191
PROJECT :  HOUSATONIC RIVER           BEGIN DATE :  07/20/00
PROPERTY :                            END DATE :  07/20/00
SITE/AREA :  H2-EECA                  LOGGER :  DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) :  O

Total Depth :  10.00                  Depth to Bedrock : 0.00

Borehole Diameter #1:  2.00
            Interval:  0.00 ft. to 10.00 ft. BGS
            Method  :  GEOPROBE                Fluid : NONE
Borehole Diameter #2:
            Interval:
            Method  :                          Fluid :
Borehole Diameter #3:
            Interval:
            Method  :                          Fluid :

Drilling Company : GEOLOGIC
Driller          : JUSTIN RAYMOND
Drill Rig Type   : JACKHAMMER/GEOPROBE SPOONS


                        Estimated                 Surveyed
    Surface
    Elevation :         969.000

N. Coordinate :         0.0000                  912141.8555

E. Coordinate :         0.0000                    56767.3176

Well Permit......(Y)es (N)o: N    Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N  No. of Wells : 0
Well Nest........(Y)es (N)o: N  No. of Wells : 0
Pumps Installed..(Y)es (N)o: N                Type            Depth
                                  Purge  :                    0
                                  Sample :                    0
Borehole Testing
   Borehole Geophysics.....(Y)es (N)o: N
   Slug Tests..............(Y)es (N)o: N
   Packer Tests............(Y)es (N)o: N
   Pumping Tests...........(Y)es (N)o: N
Comments :
   PZ-21 INSTALLED;SCREEN SET @ 0-2 FT.; NO SHEEN OR STAIN SEEN
   SHAKE TEST 0-0.5' YIELDS RAINBOW SHEEN; 0 PID READ.; ODOR IN
   0-2' FAINTER DOWN TO 6.5'; 4-6' ARCHIVED.
```

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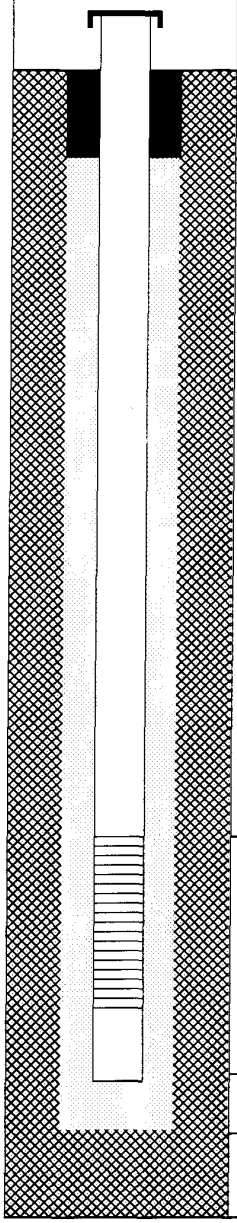
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000191
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	972.50
0.00	*GRS*	969.00
0.00	*TSP*	969.00
0.00	*TSC*	969.00
2.00	*WTD*	967.00
10.00	*BTD*	959.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-21; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000191	0.0	4.0	GEO	18	48	0.0	1.5	10	80	5		5	POR	NON	Well-graded sand w/silt, SW-SM			10	30	30	20
BH000191	0.0	4.0	GEO	18	48	1.5	4.0								No Sample Recovered						
BH000191	4.0	8.0	GEO	30	48	4.0	6.5	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	30	30	25
BH000191	4.0	8.0	GEO	30	24	6.5	8.0								No Sample Recovered						
BH000191	8.0	10.0	GEO	24	24	8.0	10.0	5	90	5			POR	NON	Well-graded sand, SW			5		15	75

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	H2-EECA	LOGGER	DAN STROBRIDGE
BORING ID	BH000191	DRILLING COMPANY	GEOLOGIC
NORTHING	912141.8555 surveyed	DRILLING RIG	JACKHAMMER/GEOPROBE SPOONS
EASTING	56767.3176 surveyed	DATE STARTED	07/20/00
ELEVATION	969.000 estimated	DATE COMPLETED	07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			37	BRN Well-graded sand w/silt, SW-SM		LSE	SAT		OVM 0.0	TOP 1.25' (F SAND/LITTLE SILT) COARSENING DOWN TO C-M SAND W/F GRAVEL; SHAKE TEST YIELDS SHEEN.
968	1									
				No Sample Recovered						NO RECOVERY
967	2									
966	3									
965	4		62	TAN/BRN/WHT Well-graded sand with gravel, SW		LSE	SAT		OVM 0.0	32 OZ FOR ARCHIVE OF 4-6'
964	5									
963	6									
				No Sample Recovered						NO RECOVERY
962	7									
961	8		100	GRY/WHT Well-graded sand, SW		LSE	SAT			END OF BORING @ 10'.
960	9									
959	10									

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CLIENT : EECA2
PROJECT : HOUSATONIC RIVER
PROPERTY :
SITE/AREA : H2-EECA

LOCATION ID : BH000192
BEGIN DATE : 07/20/00
END DATE : 07/20/00
LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	969.000	
N. Coordinate :	0.0000	912129.3026
E. Coordinate :	0.0000	56754.1899

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-22 INSTALLED W/SCREEN SET @ 0-2 FT; FAINT ODOR @ 0-2'ONLY NO STAIN/SHEEN/NAPL; COLLECTED ORGANIC PORTIONS (3) TO SEE IF ODOR IS FROM OM OR HYDROCARBON; ARCHIVE 1 SAMPLE.

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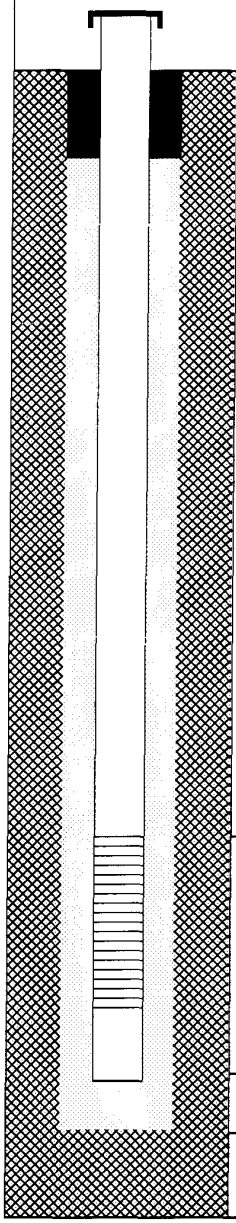
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000192
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	972.50
0.00	*GRS*	969.00
0.00	*TSP*	969.00
0.00	*TSC*	969.00
2.00	*WTD*	967.00
10.00	*BTD*	959.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-22; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000192	0.0	4.0	GEO	24	48	0.0	2.0	10	70	5		15	POR	NON	Silty sand, SM			10	5	10	55
BH000192	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000192	4.0	8.0	GEO	36	48	4.0	7.0	15	85				POR	NON	Well-graded sand with gravel, SW		5	10	35	35	15
BH000192	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000192	8.0	10.0	GEO	24	24	8.0	10.0		100				MOD	NON	Poorly-graded sand, SP					20	80

Borehole Log

Roy F. Weston, Inc.

PROJECT :	HOUSATONIC RIVER	TOTAL DEPTH :	10.00
SITE NAME :	H2-EECA	LOGGER :	DAN STROBRIDGE
BORING ID :	BH000192	DRILLING COMPANY :	GEOLOGIC
NORTHING :	912129.3026 surveyed	DRILLING RIG :	JACKHAMMER/GEOPROBE SPOONS
EASTING :	56754.1899 surveyed	DATE STARTED :	07/20/00
ELEVATION :	969.000 estimated	DATE COMPLETED :	07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	BRN/BLK Silty sand, SM		LSE	SAT		OVM 0.0	3 ORGANIC ZONES(2 INCHES EACH);SHAKE TEST YIELDS THIN RIBBONS OF RAINBOW SHEEN; 2 ARCHIVE SAMPLES;
968	1									
967	2			No Sample Recovered						NO RECOVERY
966	3									
965	4		75	BRN/TAN/WHT Well-graded sand with gravel, SW		LSE	SAT			LAST 3" IS GRAY WELL SORTED FINE SAND, SHARP CONTRAST.
964	5									
963	6									
962	7			No Sample Recovered						NO RECOVERY
961	8		100	GRY/WHT Poorly-graded sand, SP		LSE	SAT			END OF BORING @ 10'.
960	9									
959	10									

CLIENT : EECA2 LOCATION ID : BH000193
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	969.000	
N. Coordinate :	0.0000	912126.4349
E. Coordinate :	0.0000	56766.8199

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-23 INSTALLED SCREEN 0-2'; STRONG HYDROCARBON ODOR & STAIN (MOTTLED) IN 0-1'; ODOR FADES W/DEPTH; 2 SAMPLES ARCHIVED, 1 FOR SHAKE (0.5-1)& 1 FOR OVM; SM SHEEN-SHAKE TEST, HIGH OM.

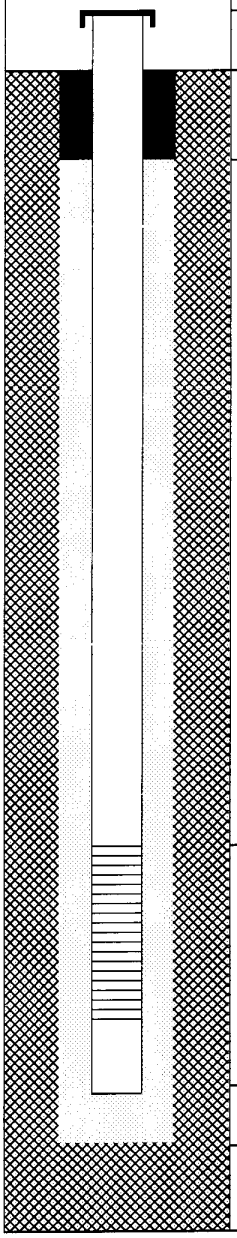
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000193
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	972.50
0.00	*GRS*	969.00
0.00	*TSP*	969.00
0.00	*TSC*	969.00
2.00	*WTD*	967.00
10.00	*BTD*	959.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-23; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000193	0.0	4.0	GEO	18	48	0.0	1.5	5	55	15	5	20	POR	NON	Silty sand, SM			5	5	10	40
BH000193	0.0	4.0	GEO	18	48	1.5	4.0								No Sample Recovered						
BH000193	4.0	8.0	GEO	36	48	4.0	7.0	15	75	5		5	POR	NON	Well-graded sand w/silt and gravel, SW-SM			15	30	30	15
BH000193	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000193	8.0	10.0	GEO	0	24	8.0	10.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000193	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912126.4349 surveyed	DRILLING RIG	: JACKHAMMER/GEOPROBE SPOONS
EASTING	: 56766.8199 surveyed	DATE STARTED	: 07/20/00
ELEVATION	: 969.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			37	BRN/BLK Silty sand, SM		SFT	SAT			MOTTLED STAIN & ODOR THRU INTERVAL: 0.5-1 FOR SHAKE TEST YIELDS SOME RAINBOW SHEEN.
968	1									
				No Sample Recovered						NO RECOVERY
967	2									
966	3									
965	4		75	GRY/BRN/WHT Well-graded sand w/silt and gravel, SW-		LSE	SAT		OVM 0.0	COLLECTED 4-6' FOR OVM/ ARCHIVE.
964	5									
963	6									
962	7			No Sample Recovered						NO RECOVERY
961	8			No Sample Recovered						NO RECOVERY; BORING END @ 10'.
960	9									
959	10									

CLIENT : EECA2 LOCATION ID : BH000194
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 8.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 8.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	973.000	
N. Coordinate :	0.0000	912113.7796
E. Coordinate :	0.0000	56770.9563

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; NO ODOR/STAIN/NAPL; NO OVM READINGS;
NO RECOVERY 1-4;7-10 FT BGS. 1 SAMPLE ARCHIVED.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000194	0.0	4.0	GEO	15	48	0.0	1.3		80	5		15	POR	NON	Silty sand, SM				5	5	70
BH000194	0.0	4.0	GEO	15	48	1.3	4.0								No Sample Recovered						
BH000194	4.0	8.0	GEO	36	48	4.0	7.0	5	85			10	POR	NON	Well-graded sand w/silt, SW-SM			5	10	10	65
BH000194	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	8.00
SITE NAME	H2-EECA	LOGGER	DAN STROBRIDGE
BORING ID	BH000194	DRILLING COMPANY	GEOLOGIC
NORTHING	912113.7796 surveyed	DRILLING RIG	JACKHAMMER/GEOPROBE SPOONS
EASTING	56770.9563 surveyed	DATE STARTED	07/20/00
ELEVATION	973.000 estimated	DATE COMPLETED	07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			31	BRN/GRY Silty sand, SM		LSE	SAT		OVM 0.0	COLLECTED 0-1.25 FOR ARCHIVE.
972	1									
				No Sample Recovered						NO RECOVERY
971	2									
970	3									
969	4		75	TAN/GRY/WHT Well-graded sand w/silt, SW-SM		LSE	SAT			REFUSAL ON DECAYED WOOD @ 8 FT.
968	5									
967	6									
966	7			No Sample Recovered						NO RECOVERY; BORING END @ 8'.
965	8									
964	9									
963	10									

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CLIENT : EECA2 LOCATION ID : BH000195
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 10.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 10.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	970.000	
N. Coordinate :	0.0000	912098.6746
E. Coordinate :	0.0000	56761.9185

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; NO SHEEN/STAIN/ODOR/NAPL; 2 SAMPLES ARCHIVED; NO RECOVERY 2-4, 7-8 FT BGS.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000195	0.0	4.0	GEO	24	48	0.0	2.0	5	90			5	POR	NON	Well-graded sand, SW			5	30	30	30
BH000195	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000195	4.0	8.0	GEO	36	48	4.0	7.0	5	95				POR	NON	Well-graded sand, SW			5	30	30	35
BH000195	4.0	8.0	GEO	36	48	7.0	8.0								No Sample Recovered						
BH000195	8.0	10.0	GEO	24	24	8.0	10.0	10	90				POR	NON	Well-graded sand, SW			10	10	10	70

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	HOUSATONIC RIVER	TOTAL DEPTH	10.00
SITE NAME	H2-EECA	LOGGER	DAN STROBRIDGE
BORING ID	BH000195	DRILLING COMPANY	GEOLOGIC
NORTHING	912098.6746 surveyed	DRILLING RIG	JACKHAMMER/GEOPROBE SPOONS
EASTING	56761.9185 surveyed	DATE STARTED	07/20/00
ELEVATION	970.000 estimated	DATE COMPLETED	07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	Well-graded sand, SW		LSE	SAT		OVM 0.0	TOP 3" WELL SORTED F.SAND COLLECTED 0-0.5' SHAKE TEST YIELDS NO SHEEN; 0.5 -1.5 FOR ARCHIVE.
969	1									
968	2			No Sample Recovered						NO RECOVERY
967	3									
966	4		75	BRN/TAN/WHT Well-graded sand, SW		LSE	SAT			SAME AS ABOVE.
965	5									
964	6									
963	7			No Sample Recovered						NO RECOVERY
962	8		100	TAN/BRN Well-graded sand, SW		LSE	SAT			NO SAMPLE ARCHIVED. END OF BORING @ 10'.
961	9									
960	10									

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CLIENT : EECA2 LOCATION ID : BH000196
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 4.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 4.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	968.000	
N. Coordinate :	0.0000	912087.5394
E. Coordinate :	0.0000	56755.5725

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N

	Type	Depth
Purge :		0
Sample :		0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; NO ODOR/SHEEN/STAIN/NAPL; 2 SAMPLES ARCHIVED; HAD TO MOVE TO H2-BH000196A FOR SAMPLING @ 4-10 FT INTERVAL; NO RECOVERY 0.5-4, 6-8 FT.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000196	0.0	4.0	GEO	6	48	0.0	0.5		85	5		10	POR	NON	Silty sand, SM					10	75
BH000196	0.0	4.0	GEO	6	48	0.5	4.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 4.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000196	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912087.5394 surveyed	DRILLING RIG	: JACKHAMMER/GEOPROBE SPOONS
EASTING	: 56755.5725 surveyed	DATE STARTED	: 07/20/00
ELEVATION	: 968.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			12	GRY/BRN Silty sand, SM		LSE	SAT			0-0.5' FOR SHAKE TEST YIELDS NO SHEEN.
				No Sample Recovered						NO RECOVERY; BORING END @ 4 FT; SEE BH000196A.
967	1									
966	2									
965	3									
964	4									
963	5									
962	6									
961	7									
960	8									
959	9									
958	10									

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```
CLIENT    :  EECA2                    LOCATION ID :  BH000196A
PROJECT :  HOUSATONIC RIVER           BEGIN DATE :  07/20/00
PROPERTY :                            END DATE :  07/20/00
SITE/AREA :  H2-EECA                  LOGGER :  DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) :  O

Total Depth :  10.00                  Depth to Bedrock : 0.00

Borehole Diameter #1:  2.00
            Interval:  0.00 ft. to 10.00 ft. BGS
            Method  :  GEOPROBE                Fluid : NONE
Borehole Diameter #2:
            Interval:
            Method  :                          Fluid :
Borehole Diameter #3:
            Interval:
            Method  :                          Fluid :

Drilling Company : GEOLOGIC
Driller          : JUSTIN RAYMOND
Drill Rig Type   : JACKHAMMER/GEOPROBE SPOONS


                        Estimated                  Surveyed
    Surface
    Elevation :         968.000

N. Coordinate :         0.0000

E. Coordinate :         0.0000

Well Permit......(Y)es (N)o: N    Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N  No. of Wells : 0
Well Nest........(Y)es (N)o: N  No. of Wells : 0
Pumps Installed..(Y)es (N)o: N                Type              Depth
                                  Purge  :                      0
                                  Sample :                      0
Borehole Testing
   Borehole Geophysics.....(Y)es (N)o: N
   Slug Tests..............(Y)es (N)o: N
   Packer Tests............(Y)es (N)o: N
   Pumping Tests...........(Y)es (N)o: N
Comments :
   CONTINUATION OF BH000196.
```

GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000196A	0.0	4.0	GEO	0	0	0.0	4.0								Interval Not Sampled						
BH000196A	4.0	8.0	GEO	24	48	4.0	6.0	5	90			5	POR	NON	Well-graded sand, SW			5		25	65
BH000196A	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						
BH000196A	8.0	10.0	GEO	24	24	8.0	10.0	10	90				POR	NON	Well-graded sand, SW			10	5	20	65

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 10.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000196A	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 0.0000 estimated	DRILLING RIG	: JACKHAMMER/GEOPROBE SPOONS
EASTING	: 0.0000 estimated	DATE STARTED	: 07/20/00
ELEVATION	: 968.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
				Interval Not Sampled						NOT SAMPLED; SEE BH000196
967	1									
966	2									
965	3									
964	4		50	TAN/WHT/GRY Well-graded sand, SW		LSE	SAT		OVM 0.0	CONTINUATION OF BH000196; LAST 3' IS F. GRAVEL; 32 OZ SAMPLE ARCHIVE.
963	5									
962	6			No Sample Recovered						NO RECOVERY
961	7									
960	8		100	Well-graded sand, SW		LSE	SAT			END OF BORING @ 10'.
959	9									
958	10									

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CLIENT : EECA2 LOCATION ID : BH000197
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 8.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 8.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912070.5573
E. Coordinate :	0.0000	56756.2768

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: Y
Well Installed...(Y)es (N)o: N
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
NO PIEZO INSTALLED; NO ODOR/SHEEN/STAIN; 2 SAMPLES ARCHIVED; 0-0.5 FOR SHAKE; 0.5-2.5 FOR BACKUP; REFUSAL @ 8 FT; NO RECOVERY 2.5-4; 6-8; 8-10 FT. SHAKE TEST-NO SHEEN.

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000197	0.0	4.0	GEO	30	48	0.0	2.5	5	80	5		10	POR	NON	Silty sand, SM			5	20	25	35
BH000197	0.0	4.0	GEO	30	48	2.5	4.0								No Sample Recovered						
BH000197	4.0	8.0	GEO	24	48	4.0	6.0	15	80			5	POR	NON	Well-graded sand with gravel, SW		5	10	30	30	20
BH000197	4.0	8.0	GEO	24	48	6.0	8.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 8.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000197	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912070.5573 surveyed	DRILLING RIG	: JACKHAMMER/GEOPROBE SPOONS
EASTING	: 56756.2768 surveyed	DATE STARTED	: 07/20/00
ELEVATION	: 972.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			62	BRN/GRY Silty sand, SM		LSE	SAT		OVM 0.0	0-0.5' FOR SHAKE TEST YIELDS NO SHEEN; 0.5-2.5 FOR ARCHIVE.
971	1									
970	2									
				No Sample Recovered						NO RECOVERY
969	3									
968	4		50	GRY/WHT/BRN Well-graded sand with gravel, SW		LSE	SAT			REFUSAL ON COARSE PEBBLES MOVED OVER BUT NO SPOT AMONG RIP RAP.
967	5									
966	6			No Sample Recovered						NO RECOVERY; BORING END AT 8'.
965	7									
964	8									
963	9									
962	10									

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CLIENT : EECA2 LOCATION ID : BH000198
PROJECT : HOUSATONIC RIVER BEGIN DATE : 07/20/00
PROPERTY : END DATE : 07/20/00
SITE/AREA : H2-EECA LOGGER : DAN STROBRIDGE

Borehole Completed In (<O>verburden <B>edrock) : O

Total Depth : 5.00 Depth to Bedrock : 0.00

Borehole Diameter #1: 2.00
Interval: 0.00 ft. to 5.00 ft. BGS
Method : GEOPROBE Fluid : NONE
Borehole Diameter #2:
Interval:
Method : Fluid :
Borehole Diameter #3:
Interval:
Method : Fluid :

Drilling Company : GEOLOGIC
Driller : JUSTIN RAYMOND
Drill Rig Type : JACKHAMMER/GEOPROBE SPOONS

	Estimated	Surveyed
Surface Elevation :	972.000	
N. Coordinate :	0.0000	912058.3447
E. Coordinate :	0.0000	56748.3364

Well Permit.....(Y)es (N)o: N Permit # :

Hole Abandoned...(Y)es (N)o: N
Well Installed...(Y)es (N)o: Y
Well Cluster.....(Y)es (N)o: N No. of Wells : 0
Well Nest.....(Y)es (N)o: N No. of Wells : 0
Pumps Installed..(Y)es (N)o: N Type Depth
Purge : 0
Sample : 0

Borehole Testing
Borehole Geophysics.....(Y)es (N)o: N
Slug Tests.....(Y)es (N)o: N
Packer Tests.....(Y)es (N)o: N
Pumping Tests.....(Y)es (N)o: N

Comments :
PZ-24 INSTALLED SCREEN @ 0-2 FT; ODOR & STAINING; 0-0.5 FOR SHAKE TEST; EFFLUENT FROM 0-2 SPOON LEFT RAINBOW SHEEN ON RIVER; REFUSAL @ 5 FT. NO RECOVERY 2-10 FT. ARCHIVE 1 SAMPLE

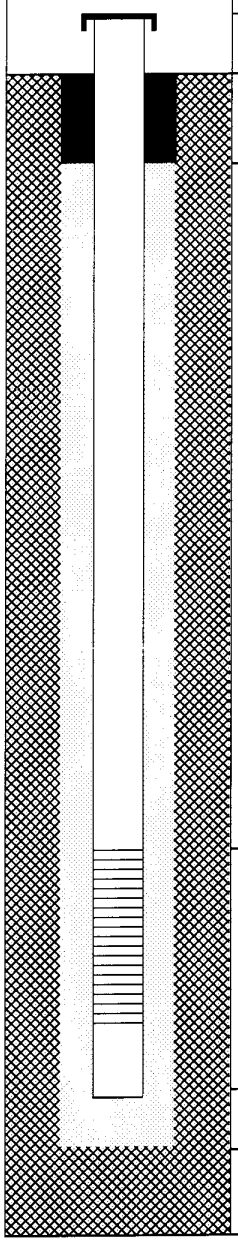
Well Point Completion Summary — *Roy F. Weston, Inc.*

CLIENT: HOUSATONIC RIVER
SITE NAME: H2-EECA

DRILLING FIRM: GEOLOGIC
INSPECTOR: D. STROBRIDGE

WELL ID: BH000198
START DATE: 07/20/00
COMPLETION DATE: 07/20/00

WATER LEVELS:
3.00 FT (TOC) on 07/20/00



DEPTH		ELEV.
3.50	*TOC*	975.50
0.00	*GRS*	972.00
0.00	*TSP*	972.00
0.00	*TSC*	972.00
2.00	*WTD*	970.00
5.00	*BTD*	967.00

DRILLING SUMMARY

Driller: JUSTIN RAYMOND
Drilling Fluid: NONE
Well Type: SINGLE CASED WELL POINT

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 1.00 ***inch*** ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC Sch. 40

Stick Up Inner Casing: 3.50 ***ft.*** ***Outer Casing:*** 0.00 ***ft.***

Casing Grout: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Seal Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***

Sand Pack Type : NA ***Interval:*** 0.00 to 0.00 ***ft.***
Grain Size : ***Median Diameter:***
Screen Diameter: 1.00 ***Interval:*** 0.00 to 2.00 ***ft.***
Type : PVC ***Slots:*** 0.010 ***inches***

Silt Trap Interval: 0.00 to 0.00 ***ft.***
Backfill Type: NA ***Interval:*** 0.00 to 0.00 ***ft.***
Top of Bedrock :
Comments:
PZ-24; INSTALLED USING GEOPROBE; NO BENTONITE SEAL; NO BACK FILL; NO PROTECTIVE CASING.

WELL DEVELOPMENT

Date: / /
Method:
Yield: ***Purged Volume:***

WELL SCHEMATIC CODES AND SYMBOLS

TOC = Top of Casing	TSP = Top of Sand Pack	= Grout
GRS = Ground Surface	TSC = Top of Screen	= Seal
TBS = Top of Seal	TST = Top of Silt Trap	= Sand Pack
BTD = Borehole Depth	WTD = Well Total Depth	= Formation

NOTE: Well Diagram Not to Scale ***Elevations in feet above Mean Sea Level***

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GEOLIS Sampling and Lithology Data Summary

Location ID	Sample Start Depth (feet)	Sample End Depth (feet)	Soil Sampling Method	Sample Recovered (inches)	Sampling Length (inches)	Lithology Start Depth (feet)	Lithology End Depth (feet)	Gvavel %	Sand %	Silt %	Clay %	Organic %	Sorting	Plasticity	ASTM / USCS Soil Classification	Coarse Gravel %	Medium Gravel %	Fine Gravel %	Coarse Sand %	Medium Sand %	Fine Sand %
BH000198	0.0	4.0	GEO	24	48	0.0	2.0	5	80	5		10	POR	NON	Silty sand, SM			5	5	5	70
BH000198	0.0	4.0	GEO	24	48	2.0	4.0								No Sample Recovered						
BH000198	4.0	5.0	GEO	0	12	4.0	5.0								No Sample Recovered						

Borehole Log — *Roy F. Weston, Inc.*

PROJECT	: HOUSATONIC RIVER	TOTAL DEPTH	: 5.00
SITE NAME	: H2-EECA	LOGGER	: DAN STROBRIDGE
BORING ID	: BH000198	DRILLING COMPANY	: GEOLOGIC
NORTHING	: 912058.3447 surveyed	DRILLING RIG	: JACKHAMMER/GEOPROBE SPOONS
EASTING	: 56748.3364 surveyed	DATE STARTED	: 07/20/00
ELEVATION	: 972.000 estimated	DATE COMPLETED	: 07/20/00

ELEVATION	DEPTH	MATERIAL	% RECOVERY	COLOR & CLASSIFICATION	SAMPLE ID	STRENGTH	MOISTURE	BLOW COUNT	INSTRUMENT READING	COMMENTS
			50	Silty sand, SM		LSE	SAT			TOP 3" STAINED W/STRONG ODOR, SHEEN.
971	1									
970	2			No Sample Recovered						NO RECOVERY
969	3									
968	4			No Sample Recovered						NO RECOVERY. REFUSAL @ 5 FT.
967	5									
966	6									
965	7									
964	8									
963	9									
962	10									

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