Report

To:

Pennsylvania Department of Environmental Protection
2 Public Square
Wilkes Barre, PA 18702

Site Characterization Report

LochGen LP
1623 Route 590
Hawley, PA 18428

Pike County, Pennsylvania

Bluestone Project #2013-1045

Prepared by:

bluestone
ENVIRONMENTAL INC.

203 Eighmy Road
Honesdale, PA 18431

Date: June 2014

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July 1, 2014

Ms. Rebecca Albert
PA Department of Environmental Protection
2 Public Square
Wilkes Barre, PA 18701

RE: LochGen LP, Site Characterization Report
Used Motor Parts Area
Bluestone Project No: 2013-1045

Dear Ms. Albert:

Bluestone Environmental Inc. (Bluestone) is pleased to submit a Site Characterization Report (SCR) for LochGen LP in the area of concern identified with used motor parts as a follow up to the site visit in March 2014 with you as a representative of the Pennsylvania Department of Environmental Protection (PADEP).

As always, do not hesitate to contact me with any additional questions or concerns. I look forward to hearing from you on this remediation project.

Bluestone Environmental Inc.

Frederic H. Diehl
President

Xc: Linda Melvin, USTIF

Xc: George Korb, LochGen, LP

Xc: Dave Swetland, Converse Consultants

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Introduction

The Rosemergy's site is located at 1623 Route 590, Hawley, PA. The site was a retail gasoline station with an active convenience store at the property, until March 2012. Site history begins as an automotive repair shop with retail gasoline sales around 1965 continuing up to April 2000, under the ownership of Mr. Robert Rosemergy, Jr. In April 2000, the Rosemergy Estate took ownership of the property; the facility was out-of-service from April 2000, until February 2002, when Ms. Hoadley and her brother, Charles Rosemergy, became heirs of the Estate. In February 2002, retail gasoline sales resumed at the site and in October of 2002, a convenience store was added to the site. Retail Gasoline sales continued until March 2010.

In June of 2011, Bluestone Environmental Inc. (Bluestone) began a limited Phase II Environmental Assessment on site, as part of the property transaction on behalf of Woodloch Real Estate (Woodloch). The initial assessment would lead to remediation activities that have continued through June 2014. Remedial activities included delineating soil contamination, removal of contaminated soils, underground storage tank removals, and the installation of monitoring wells. LochGen took ownership of the property in 2012. Site work began in 2013 to update and rebuild a new convenience store and retail gas station on the site.

Site Investigation

LochGen began excavation for an underground storm water retention basin on September 26, 2013. The excavation began on the north side of the building. The soil in this area was backfill material, consisting of sub-base material and brown silty sand material with gravel. Within 2-3 feet below grade, the operator began encountering a rubbish layer consisting of scattered scrap motor parts (mufflers, exhaust pipes, exhaust manifolds, oil filters, motor oil containers, auto body parts, etc.). Site excavation came to a halt with the discovery of the rubbish layer. Bluestone was then contacted and mobilized to the site on October 1, 2013. On-site screening began with visual observation and with the use of a Photo Ionization Detector (PID). A test pit was dug and revealed the rubbish layer was below grade approximately 2.5 - 4 feet. The test pit soil was screened using the PID, readings ranged from 0 to 10 ppm.

After discussions took place with Ms. Rebecca Albert at the Pennsylvania Department of Environmental Protection (PADEP), a decision was made to remove the top layer of soil (0 – 2.5 Ft bgs. This material was screened with a PID and stockpiled on site. PID readings within 0 – 2.5 feet were taken both on the surface, and out of the bucket. The PID did not indicate the presence of organic compounds, as no readings above 0.0 ppm were found with the PID. Once the rubbish layer was exposed, a scrap metal roll-off container was brought on site in order to sort scrap metal from the dirt material. The area was excavated and all existing automotive

parts were removed by hand and placed in a roll-off container. The remaining soil was screened with the PID registering 0 – 10 ppm throughout the excavation. The rubbish layer of soil consisted of brown silty sand material and gravel. The rubbish layer soil was stockpiled on site near the excavation. The excavation covered an area roughly 63 Ft. wide by 44 Ft. long by 3 - 4 Ft. deep. At these dimensions, the rubbish layer was eliminated. The area of suspected impacted soil lies below the excavation depth of 3 – 4 Ft. Groundwater was not encountered with the suspected impacted soil layer. The area of suspected impacted soils consists of grayish sandy material containing gravel. Material has an organic odor.

On October 3, 2013 Bluestone sampled the suspect impacted area on a grid consisting of twelve (12) sample points. At each sample point, a test pit was advanced with a hydraulic excavator. The test pit was advanced to a depth at which the layer of grayish sandy material transitioned into a brownish glacial till material, which was very dense. The each test pit was approximately two (2) feet wide by four (4) feet long and four (4) to six (6) feet deep. The test pit was screened with a PID meter and the sample was collected at the area of the test pit exhibiting the high reading. A head space reading was collected prior to collection of soil sample. A summary of the head space readings are found below in Table 1.

TABLE 1 – HEAD SPACE READINGS
(parts per million)

LG-01	188	LG-13	35.4
LG-02	0.7	LG-14	2.4
LG-03	0.0	LG-15	304
LG-04	0.6	LG-16	15.5
LG-05	1.1	LG-17	0.0
LG-06	0.0	LG-18	0.0
LG-07	0.0	LG-19	48.6
LG-08	0.0	LG-20	2.4
LG-09	0.8	LG-21	18.9
LG-10	0.0	LG-22	0.8
LG-11	0.0	LG-23	0.0
LG-12	0.0	LG-24	0.0

Samples were generally collected at a depth 12 to 18" below the layer of rubbished. The second sample was then collected six (6) inches into the glacial till material. The area was screened with a PID prior to collecting a sample. The bottom of the suspected layer of contamination was determined using the PID (0 ppm). Our sample grid was sixty (60) feet long

by forty four (44) feet wide by a depth range of 4 – 9 Ft. See Table 2 below with sample depths. Grab samples were obtained at all 24 points and individual Head Space readings using a PID were recorded. Head Space readings ranged from 0 – 304ppm. Samples were labeled with the odd numbers (LG-01 through LG-23) representing the sample collected within the suspected area of contamination, with the highest head space reading. The even number samples (LG-02 through LG-24) represented the bottom of that suspected layer and were collected in the glacial till material. See Appendix A – Summary of Laboratory Results for a breakdown of the sample results. Samples were analyzed for Used Motor Oil and Total Lead. Samples were shipped October 3, 2013 to Suburban Testing Labs, 1037F MacArthur Road, Reading, PA, 19605. A complete copy of the Laboratory Results is provided in Appendix B.

TABLE 2 – Depth of Sample Collection

(Depth in feet below grade)

LG-01	4	LG-13	4
LG-02	8	LG-14	7
LG-03	4	LG-15	4
LG-04	7	LG-16	9
LG-05	5	LG-17	4
LG-06	7	LG-18	7
LG-07	4	LG-19	4
LG-08	7	LG-20	7
LG-09	4	LG-21	4
LG-10	7	LG-22	7
LG-11	4	LG-23	4
LG-12	7	LG-24	7

The laboratory first ran the odd numbered samples to identify if there was presence of contaminates above the Statewide Health Standards within the suspected contaminated zone. Laboratory results showed there were minimal detections within the suspected contaminated zone. All samples came back well below the Statewide Health Standards for Residential Use, No Water Encountered. Once the sample results where received back from the laboratory and reviewed, the decision was made not to run the even number samples, which were collected from the glacial till underneath the suspected layer of contamination and didn't exhibit evidence of contamination based on head space readings collected in the field.

Interim Remedial Action

On October 9, 2013, Bluestone Environmental returned to the site to assist in a Interim Remedial Action in an effort to remove the area of existing soil that had the highest PID reading during the site investigation phase. Although sample results in this area were not above Statewide Health Standards, the decision was made to conduct a soil excavation in a small area. The reason behind this soil excavation was due to the redevelopment of the property and the placement of an underground stormwater retention basin in the area where the auto parts were first identified.

The soil was stockpiled onsite during the excavation process and approval for disposal was confirmed at Clean Earth of Maryland. A total of 205.39 tons of soil was shipped to Clean Earth of Maryland on October 24, 2013 and October 28, 2013. See Appendix C for a copy of the manifests and weight tickets from Clean Earth of Maryland. No groundwater was encountered during the interim remedial action.

Site Characterization Report

Data demonstrating that the interim remedial actions have attained the Statewide health standard for the site in accordance with Chapter 250, Subchapter G (relating to demonstration of attainment).

According to Chapter 250; attainment sampling for soil attainment determination at each distinct area of contamination, subparagraph (i), (ii) or (iii) shall be met in addition to the attainment requirements in § 250.702 and 250.703 (relating to attainment requirements; and general attainment requirements for soil).

(i) Seventy-five percent of all samples, which shall be randomly collected in a single event from the site, shall be equal to or less than the Statewide health standard or the limit related to PQLs with no individual sample exceeding ten times the Statewide health standard.

(ii) As applied in accordance with EPA approved methods on statistical analysis of environmental data, as identified in subsection (e), the 95% UCL of the arithmetic mean shall be at or below the Statewide Health Standard.

(iii) For sites with a petroleum release where full site characterization, as defined in § 250.204(b) (relating to final report), has not been done in association with an excavation remediation, attainment of the Statewide health standard shall be demonstrated using the following procedure:

(A) For sites regulated under Chapter 245 (relating to administration of the storage tank and spill prevention program) where there is localized contamination as defined in the

document ''Closure Requirements for Underground Storage Tank Systems'' (DEP technical document 2530-BK-DEP2008), samples shall be taken in accordance with that document.

(B) For sites not covered by clause (A), including all sites being remediated under an NIR under this chapter, samples shall be taken from the bottom and sidewalls of the excavation in a biased fashion that concentrates on areas where any remaining contamination above the Statewide health standard would most likely be found. The samples shall be taken from these suspect areas based on visual observation and the use of field instruments. If a sufficient number of samples has been collected from all suspect locations and the minimum number of samples has not been collected, or if there are no suspect areas, the locations to meet the minimum number of samples shall be based on a random procedure.

Because basis sampling was an option when testing for Used Motor Oil, we elected to follow the results of head space readings with a PID as the sampling protocols identified in Chapter 250. A total of twelve (12) soil samples were obtained at random locations. See Appendix D for Sample Location Map. The soil samples were analyzed for Used Motor and Lead. All analytical results indicated the values for Used Motor Oil and total lead were below Statewide Health Standards; Residential.

(3) The basis for selection of the residential or nonresidential Statewide health standard.

Since the levels for total lead and Used Motor Oil were not exceeded for residential or nonresidential. Our client would request the residential standard be selected. At this time, we believe no further information will be required to obtain a release under Chapter 250.

Summary

Upon completion of Interim Remedial Actions in October 2013 at LochGen, LP with laboratory data showing all twelve (12) random samples below State Wide Health Standards, it is recommended that no further information will be required to obtain a release for soils under Chapter 250.

As always, do not hesitate to contact me with any additional questions or concerns. I look forward to continue servicing your environmental remediation requirements.

BLUESTONE ENVIRONMENTAL INC.

Frederic H. Diehl

President

Appendix A

Summary of Laboratory Results

Site Characterization
Loch Gen
Hawley, PA

Sample ID	Statewide Health Standards			LG-01	LG-02	LG-03	LG-04	LG-05
Lab Sample Number		Non-Residential	Non-Residential	13100498 - 01	Not Analyzed	13100498 - 03	Not Analyzed	13100498 - 05
Sampling Date		Unsaturated Soil	Unsaturated Soil	10/3/2013	10/3/2013	10/3/2013	10/3/2013	10/3/2013
Matrix		0-2 Ft. Interval	2-15 Ft. Interval	Soil	Soil	Soil	Soil	Soil
Units				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
VOLATILE ORGANIC COMPOUNDS								
Benzene		0.5	0.5	<0.006	Not Analyzed	<0.006	Not Analyzed	<0.006
Toluene		100	100	<0.006	Not Analyzed	<0.006	Not Analyzed	<0.006
Ethylbenzene		70	70	**0.010**	Not Analyzed	<0.006	Not Analyzed	<0.006
Cumene		2500	2500	**0.028**	Not Analyzed	<0.006	Not Analyzed	<0.006
Naphthalene		25	25	**0.013**	Not Analyzed	<0.006	Not Analyzed	<0.006
SEMI-VOLATILE ORGANIC COMPOUNDS								
Pyrene		2200	2200	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Benzo(a)anthracene		110	320	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Chrysene		230	230	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Benzo(b)flouranthene		110	170	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Benzo(a)pyrene		11	46	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Ideno(1,2,3-cd)pyrene		110	28,000	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Benzo(g,h,i)perylene		180	180	<0.039	Not Analyzed	<0.037	Not Analyzed	<0.037
Heavy Metals								
Lead		450	450	**94.4**	Not Analyzed	**8.68**	Not Analyzed	**27.6**
Sample Location on Site Map								
Horizontal Axis (West)				60	55	40	40	25
Vertical Axis (North)				0	0	0	0	0
Depth (Below Grade)				4	7	4	6	6.5
Head Space PID (ppm)				0	0.7	0	0.6	1.1
Time				10:00	10:10	10:20	10:30	10:35

Site Characterization
Loch Gen
Hawley, PA

Sample ID	Statewide Health Standards			LG-06	LG-07	LG-08	LG-09	LG-10
Lab Sample Number		Non-Residential	Non-Residential	Not Analyzed	13100498 - 07	Not Analyzed	13100498 - 09	Not Analyzed
Sampling Date		Unsaturated Soil	Unsaturated Soil	10/3/2013	10/3/2013	10/3/2013	10/3/2013	10/3/2013
Matrix		0-2 Ft. Interval	2-15 Ft. Interval	Soil	Soil	Soil	Soil	Soil
Units				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
VOLATILE ORGANIC COMPOUNDS								
Benzene		0.5	0.5	Not Analyzed	<0.005	Not Analyzed	<0.001	Not Analyzed
Toluene		100	100	Not Analyzed	<0.005	Not Analyzed	<0.001	Not Analyzed
Ethylbenzene		70	70	Not Analyzed	<0.005	Not Analyzed	<0.001	Not Analyzed
Cumene		2500	2500	Not Analyzed	<0.005	Not Analyzed	<0.001	Not Analyzed
Naphthalene		25	25	Not Analyzed	<0.005	Not Analyzed	<0.001	Not Analyzed
SEMI-VOLATILE ORGANIC COMPOUNDS								
Pyrene		2200	2200	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Benzo(a)anthracene		110	320	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Chrysene		230	230	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Benzo(b)flouranthene		110	170	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Benzo(a)pyrene		11	46	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Ideno(1,2,3-cd)pyrene		110	28,000	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Benzo(g,h,i)perylene		180	180	Not Analyzed	<0.036	Not Analyzed	<0.037	Not Analyzed
Heavy Metals								
Lead		450	450	Not Analyzed	**10.3**	Not Analyzed	**49.1**	Not Analyzed
Sample Location on Site Map								
Horizontal Axis (West)				22	0	0	9	9
Vertical Axis (North)				0	0	0	20	20
Depth (Below Grade)				7.5	5.5	7.5	5	7
Head Space PID (ppm)				0	1	0	0.8	0
Time				10:45	10:55	11:00	11:10	11:15

Site Characterization
Loch Gen
Hawley, PA

Sample ID		Statewide Health Standards		LG-11	LG-12	LG-13	LG-14	LG-15
Lab Sample Number		Non-Residential	Non-Residential	13100498 - 11	Not Analyzed	13100498 - 13	Not Analyzed	13100498 - 15
Sampling Date		Unsaturated Soil	Unsaturated Soil	10/3/2013	10/3/2013	10/3/2013	10/3/2013	10/3/2013
Matrix		0-2 Ft. Interval	2-15 Ft. Interval	Soil	Soil	Soil	Soil	Soil
Units				(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
VOLATILE ORGANIC COMPOUNDS								
Benzene		0.5	0.5	<0.006	Not Analyzed	<0.006	Not Analyzed	<0.025
Toluene		100	100	<0.006	Not Analyzed	<0.006	Not Analyzed	<0.025
Ethylbenzene		70	70	<0.006	Not Analyzed	**0.025**	Not Analyzed	**0.096**
Cumene		2500	2500	<0.006	Not Analyzed	**0.014**	Not Analyzed	<0.025
Naphthalene		25	25	<0.006	Not Analyzed	**0.053**	Not Analyzed	**0.289**
SEMI-VOLATILE ORGANIC COMPOUNDS								
Pyrene		2200	2200	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Benzo(a)anthracene		110	320	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Chrysene		230	230	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Benzo(b)flouranthene		110	170	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Benzo(a)pyrene		11	46	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Ideno(1,2,3-cd)pyrene		110	28,000	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Benzo(g,h,i)perylene		180	180	<0.040	Not Analyzed	<0.042	Not Analyzed	<0.042
Heavy Metals								
Lead		450	450	**70.8**	Not Analyzed	**113.0**	Not Analyzed	**24.8**
Sample Location on Site Map								
Horizontal Axis (West)				20	20	40	40	60
Vertical Axis (North)				20	20	20	20	20
Depth (Below Grade)				5	7	5	7	4
Head Space PID (ppm)				0	0	35.4	2.5	304
Time				11:20	11:25	11:30	11:35	12:15

Appendix B

Complete Copy of Laboratory Results

Preliminary Results Report

Order ID: 13100498

Bluestone Environmental Inc.	Project: Lochgen - Clean Earth of MD Disposal
203 Eighmy Road	
Honesdale, PA 18431	
Attn: Fred Diehl	PWSID:

Sample Number: 13100498-01 Site: LG-01 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 10:00 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	85.6	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	94.4	mg/kg (Dry)	SW 846 6020A	5.96	10/04/13	TRH	10/08/13 14:42	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS
Benzo(a)pyrene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS
Benzo(b)fluoranthene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS
Benzo(g,h,i)perylene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS
Chrysene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS
Indeno(1,2,3-cd)pyrene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS
Pyrene	<0.0389	mg/kg (Dry)	SW 846 8270D	0.0389	10/04/13	ESS	10/07/13 17:12	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	168	µg/L	84	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	102	µg/L	102	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	59.5	µg/L	60	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	151	µg/L	76	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	88.6	µg/L	89	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	163	µg/L	82	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-02 Site: lg-02 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 10:10 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					

SUBURBAN TESTING LABS
1038 MacArthur Road, Reading PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com
PADEP 06-00208

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST			
Benzene	mg/kg (Dry)	SW 846 8260B	
Ethylbenzene	mg/kg (Dry)	SW 846 8260B	
Isopropylbenzene	mg/kg (Dry)	SW 846 8260B	
Naphthalene	mg/kg (Dry)	SW 846 8260B	
Toluene	mg/kg (Dry)	SW 846 8260B	

Comments:

Sample Number: 13100498-03 Site: LG-03 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 10:20 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	89.3	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	8.68	mg/kg (Dry)	SW 846 6020A	5.71	10/04/13	TRH	10/08/13 14:46	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS
Benzo(a)pyrene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS
Benzo(b)fluoranthene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS
Benzo(g,h,i)perylene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS
Chrysene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS
Indeno(1,2,3-cd)pyrene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS
Pyrene	<0.0373	mg/kg (Dry)	SW 846 8270D	0.0373	10/04/13	ESS	10/07/13 13:49	ESS

SUBURBAN TESTING LABS
1007 E MacArthur Road, Reading, PA 19605 Phone: 800-433-6505 Fax: 610-375-4090 suburbantestinglabs.com
PADEP 06-00208

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date By	Analysis Date By
Surrogate Recoveries		*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		142	µg/L	71	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		81.1	µg/L	81	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		75.0	µg/L	75	SW 846 8270D	8.39 - 94.6
2-Fluorophenol		141	µg/L	71	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		68.0	µg/L	68	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		147	µg/L	74	SW 846 8270D	3.08 - 79.1
Volatiles, UST						
Benzene		mg/kg (Dry)	SW 846 8260B			
Ethylbenzene		mg/kg (Dry)	SW 846 8260B			
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B			
Naphthalene		mg/kg (Dry)	SW 846 8260B			
Toluene		mg/kg (Dry)	SW 846 8260B			

Comments:

Sample Number: 13100498-04 Site: LG-04 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 10:30 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date By	Analysis Date By
Inorganics						
Total Solids (TS)		%	SM 2540-G			
Metals						
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01		
Organics						
Semivolatiles, UST						
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1		
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1		
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1		
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1		
Chrysene		mg/kg (Dry)	SW 846 8270D	1		
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1		
Pyrene		mg/kg (Dry)	SW 846 8270D	1		
Surrogate Recoveries		*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6			µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14			µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5			µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol			µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl			µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol			µg/L		SW 846 8270D	3.08 - 79.1
Volatiles, UST						
Benzene		mg/kg (Dry)	SW 846 8260B			
Ethylbenzene		mg/kg (Dry)	SW 846 8260B			
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B			
Naphthalene		mg/kg (Dry)	SW 846 8260B			
Toluene		mg/kg (Dry)	SW 846 8260B			

Comments:

Sample Number: 13100498-05	Site: LG-05			Customer Sample ID:				
Collector: FD	Collect Date: 10/3/2013	10:35 AM		Sample Type: Grab				
Department / Test / Parameter	**Result**	**Units**	**Method**	**R.L.**	**Prep Date**	**By**	**Analysis Date**	**By**
Inorganics								
Total Solids (TS)	89.7	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	27.6	mg/kg (Dry)	SW 846 6020A	5.81	10/04/13	TRH	10/08/13 14:51	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS
Benzo(a)pyrene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS
Benzo(b)fluoranthene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS
Benzo(g,h,i)perylene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS
Chrysene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS
Indeno(1,2,3-cd)pyrene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS
Pyrene	<0.037	mg/kg (Dry)	SW 846 8270D	0.037	10/04/13	ESS	10/07/13 15:30	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	132	µg/L	66	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	77.1	µg/L	77	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	72.0	µg/L	72	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	128	µg/L	64	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	68.3	µg/L	68	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	141	µg/L	71	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-06	Site: LG-06			Customer Sample ID:				
Collector: FD	Collect Date: 10/3/2013	10:45 AM		Sample Type: Grab				
Department / Test / Parameter	**Result**	**Units**	**Method**	**R.L.**	**Prep Date**	**By**	**Analysis Date**	**By**
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-07 Site: LG-07 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 10:55 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	91.4	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	10.3	mg/kg (Dry)	SW 846 6020A	5.58	10/04/13	TRH	10/08/13 14:56	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS
Benzo(a)pyrene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS
Benzo(b)fluoranthene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS
Benzo(g,h,i)perylene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS
Chrysene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS
Indeno(1,2,3-cd)pyrene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS
Pyrene	<0.0363	mg/kg (Dry)	SW 846 8270D	0.0363	10/04/13	ESS	10/07/13 18:02	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	145	µg/L	73	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	80.6	µg/L	81	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	76.0	µg/L	76	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	132	µg/L	66	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	74.7	µg/L	75	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	153	µg/L	77	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

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Comments:

Sample Number: 13100498-08	Site: LG-08			Customer Sample ID:				
Collector: FD	Collect Date: 10/3/2013	11:00 AM		Sample Type: Grab				
Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST			
Benzene	mg/kg (Dry)	SW 846 8260B	
Ethylbenzene	mg/kg (Dry)	SW 846 8260B	
Isopropylbenzene	mg/kg (Dry)	SW 846 8260B	
Naphthalene	mg/kg (Dry)	SW 846 8260B	
Toluene	mg/kg (Dry)	SW 846 8260B	

Comments:

Sample Number: 13100498-09	Site: LG-09				Customer Sample ID:				
Collector: FD	Collect Date: 10/3/2013		11:10 AM		Sample Type: Grab				
Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By	
Inorganics									
Total Solids (TS)	89.1	%	SM 2540-G				10/04/13 17:51	APR	
Metals									
Lead, Total	49.1	mg/kg (Dry)	SW 846 6020A	5.2	10/04/13	TRH	10/08/13 15:00	RPV	
Organics									
Semivolatiles, UST									
Benzo(a)anthracene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS	
Benzo(a)pyrene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS	
Benzo(b)fluoranthene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS	
Benzo(g,h,i)perylene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS	

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Chrysene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS
Indeno(1,2,3-cd)pyrene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS
Pyrene	<0.0374	mg/kg (Dry)	SW 846 8270D	0.0374	10/04/13	ESS	10/07/13 18:52	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	133	µg/L	67	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	109	µg/L	109	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	72.7	µg/L	73	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	135	µg/L	68	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	70.4	µg/L	70	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	153	µg/L	77	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-10 Site: LG-10 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 11:15 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-11 Site: LG-11 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 11:20 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	83.0	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	70.8	mg/kg (Dry)	SW 846 6020A	5.79	10/04/13	TRH	10/08/13 15:05	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS
Benzo(a)pyrene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS
Benzo(b)fluoranthene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS
Benzo(g,h,i)perylene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS
Chrysene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS
Indeno(1,2,3-cd)pyrene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS
Pyrene	<0.04	mg/kg (Dry)	SW 846 8270D	0.04	10/04/13	ESS	10/07/13 19:43	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	135	µg/L	68	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	71.7	µg/L	72	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	68.9	µg/L	69	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	129	µg/L	65	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	53.5	µg/L	54	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	150	µg/L	75	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-12 Site: LG-12 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 11:25 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST

Benzene		mg/kg (Dry)	SW 846 8260B
Ethylbenzene		mg/kg (Dry)	SW 846 8260B
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B
Naphthalene		mg/kg (Dry)	SW 846 8260B
Toluene		mg/kg (Dry)	SW 846 8260B

Comments:

Sample Number: 13100498-13 Site: LG-13 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 11:30 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	87.5	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	113	mg/kg (Dry)	SW 846 6020A	5.83	10/04/13	TRH	10/08/13 15:10	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS
Benzo(a)pyrene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS
Benzo(b)fluoranthene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS
Benzo(g,h,i)perylene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS
Chrysene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS
Indeno(1,2,3-cd)pyrene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS
Pyrene	<3.8	mg/kg (Dry)	SW 846 8270D	3.8	10/04/13	ESS	10/08/13 3:35	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	82.6	µg/L	41	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	81.1	µg/L	81	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	63.8	µg/L	64	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	97.8	µg/L	49	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	75.0	µg/L	75	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	41.2	µg/L	21	SW 846 8270D	3.08 - 79.1

Volatiles, UST

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-14 Site: LG-14 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 11:35 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-15 Site: LG-15 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 12:15 PM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	79.5	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	24.8	mg/kg (Dry)	SW 846 6020A	6.69	10/04/13	TRH	10/08/13 15:14	RPV

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS
Benzo(a)pyrene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS
Benzo(b)fluoranthene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS
Benzo(g,h,i)perylene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS
Chrysene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS
Indeno(1,2,3-cd)pyrene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS
Pyrene	<0.0419	mg/kg (Dry)	SW 846 8270D	0.0419	10/04/13	ESS	10/07/13 23:22	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	135	µg/L	68	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	74.9	µg/L	75	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	79.8	µg/L	80	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	129	µg/L	65	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	66.9	µg/L	67	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	125	µg/L	63	SW 846 8270D	3.08 - 79.1

Volatiles, UST			
Benzene	mg/kg (Dry)	SW 846 8260B	
Ethylbenzene	mg/kg (Dry)	SW 846 8260B	
Isopropylbenzene	mg/kg (Dry)	SW 846 8260B	
Naphthalene	mg/kg (Dry)	SW 846 8260B	
Toluene	mg/kg (Dry)	SW 846 8260B	

Comments:

Sample Number: 13100498-16	Site: LG-16		Customer Sample ID:
Collector: FD	Collect Date: 10/3/2013	12:25 PM	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Surrogate Recoveries		*Results*	*Units*	*% Recovery*	*Method*		*Limits (% Recovery)*	
Phenol-d6			µg/L		SW 846 8270D		4.6 - 87.6	
p-Terphenyl-d14			µg/L		SW 846 8270D		41.2 - 93.8	
Nitrobenzene-d5			µg/L		SW 846 8270D		8.39 - 94.6	
2-Fluorophenol			µg/L		SW 846 8270D		0.1 - 78.9	
2-Fluorobiphenyl			µg/L		SW 846 8270D		16.1 - 86	
2,4,6-Tribromophenol			µg/L		SW 846 8270D		3.08 - 79.1	
Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-17 Site: LG-17 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 11:45 AM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	88.3	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	31.9	mg/kg (Dry)	SW 846 6020A	6.02	10/04/13	TRH	10/08/13 15:42	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.0378	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Benzo(a)pyrene	<0.0378	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Benzo(b)fluoranthene	<0.0378	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Benzo(g,h,i)perylene	<0.0378	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Chrysene	<0.0378	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Indeno(1,2,3-cd)pyrene	<0.0378	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Pyrene	0.157	mg/kg (Dry)	SW 846 8270D	0.0378	10/04/13	ESS	10/08/13 0:12	ESS
Surrogate Recoveries		*Results*	*Units*	*% Recovery*	*Method*		*Limits (% Recovery)*	
Phenol-d6		142	µg/L	71	SW 846 8270D		4.6 - 87.6	
p-Terphenyl-d14		69.8	µg/L	70	SW 846 8270D		41.2 - 93.8	
Nitrobenzene-d5		73.1	µg/L	73	SW 846 8270D		8.39 - 94.6	
2-Fluorophenol		136	µg/L	68	SW 846 8270D		0.1 - 78.9	
2-Fluorobiphenyl		63.6	µg/L	64	SW 846 8270D		16.1 - 86	
2,4,6-Tribromophenol		155	µg/L	78	SW 846 8270D		3.08 - 79.1	
Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

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Sample Number: 13100498-18	Site: LG-18		Customer Sample ID:					
Collector: FD	Collect Date: 10/3/2013	11:50 AM	Sample Type: Grab					
Department / Test / Parameter	**Result**	**Units**	**Method**	**R.L.**	**Prep Date**	**By**	**Analysis Date**	**By**
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST			
Benzene	mg/kg (Dry)	SW 846 8260B	
Ethylbenzene	mg/kg (Dry)	SW 846 8260B	
Isopropylbenzene	mg/kg (Dry)	SW 846 8260B	
Naphthalene	mg/kg (Dry)	SW 846 8260B	
Toluene	mg/kg (Dry)	SW 846 8260B	

Comments:

Sample Number: 13100498-19	Site: LG-19		Customer Sample ID:					
Collector: FD	Collect Date: 10/3/2013	12:00 PM	Sample Type: Grab					
Department / Test / Parameter	**Result**	**Units**	**Method**	**R.L.**	**Prep Date**	**By**	**Analysis Date**	**By**
Inorganics								
Total Solids (TS)	85.3	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	151	mg/kg (Dry)	SW 846 6020A	11.7	10/04/13	TRH	10/08/13 16:28	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS
Benzo(a)pyrene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS
Benzo(b)fluoranthene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS
Benzo(g,h,i)perylene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS
Chrysene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS
Indeno(1,2,3-cd)pyrene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Pyrene	<0.782	mg/kg (Dry)	SW 846 8270D	0.782	10/04/13	ESS	10/08/13 2:44	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	103	µg/L	52	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	80.8	µg/L	81	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	79.3	µg/L	79	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	111	µg/L	56	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	76.1	µg/L	76	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	75.4	µg/L	38	SW 846 8270D	3.08 - 79.1

Volatiles, UST			
Benzene	mg/kg (Dry)	SW 846 8260B	
Ethylbenzene	mg/kg (Dry)	SW 846 8260B	
Isopropylbenzene	mg/kg (Dry)	SW 846 8260B	
Naphthalene	mg/kg (Dry)	SW 846 8260B	
Toluene	mg/kg (Dry)	SW 846 8260B	

Comments:

Sample Number: 13100498-20	Site: LG-20	Customer Sample ID:
Collector: FD	Collect Date: 10/3/2013 12:05 PM	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST		
Benzene	mg/kg (Dry)	SW 846 8260B
Ethylbenzene	mg/kg (Dry)	SW 846 8260B
Isopropylbenzene	mg/kg (Dry)	SW 846 8260B
Naphthalene	mg/kg (Dry)	SW 846 8260B
Toluene	mg/kg (Dry)	SW 846 8260B

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Comments:

Sample Number: 13100498-21	Site: LG-21			Customer Sample ID:				
Collector: FD	Collect Date: 10/3/2013	12:10 PM		Sample Type: Grab				
Department / Test / Parameter	**Result**	**Units**	**Method**	**R.L.**	**Prep Date**	**By**	**Analysis Date**	**By**
Inorganics								
Total Solids (TS)	88.0	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	96.0	mg/kg (Dry)	SW 846 6020A	5.17	10/04/13	TRH	10/08/13 15:51	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS
Benzo(a)pyrene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS
Benzo(b)fluoranthene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS
Benzo(g,h,i)perylene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS
Chrysene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS
Indeno(1,2,3-cd)pyrene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS
Pyrene	<0.189	mg/kg (Dry)	SW 846 8270D	0.189	10/04/13	ESS	10/08/13 1:53	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	121	µg/L	61	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	83.2	µg/L	83	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	77.7	µg/L	78	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	125	µg/L	63	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	71.6	µg/L	72	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	71.2	µg/L	36	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-22	Site: LG-22			Customer Sample ID:				
Collector: FD	Collect Date: 10/3/2013	12:30 PM		Sample Type: Grab				
Department / Test / Parameter	**Result**	**Units**	**Method**	**R.L.**	**Prep Date**	**By**	**Analysis Date**	**By**
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-23 Site: LG-23 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 12:40 PM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)	87.7	%	SM 2540-G				10/04/13 17:51	APR
Metals								
Lead, Total	13.9	mg/kg (Dry)	SW 846 6020A	5.82	10/04/13	TRH	10/08/13 15:56	RPV
Organics								
Semivolatiles, UST								
Benzo(a)anthracene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS
Benzo(a)pyrene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS
Benzo(b)fluoranthene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS
Benzo(g,h,i)perylene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS
Chrysene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS
Indeno(1,2,3-cd)pyrene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS
Pyrene	<0.0379	mg/kg (Dry)	SW 846 8270D	0.0379	10/04/13	ESS	10/08/13 1:03	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	137	µg/L	69	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	84.7	µg/L	85	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	73.4	µg/L	73	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	127	µg/L	64	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	69.8	µg/L	70	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	130	µg/L	65	SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

Sample Number: 13100498-24 Site: LG-24 Customer Sample ID:

Collector: FD Collect Date: 10/3/2013 12:45 PM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Total Solids (TS)		%	SM 2540-G					
Metals								
Lead, Total		mg/kg (Dry)	SW 846 6020A	0.01				
Organics								
Semivolatiles, UST								
Benzo(a)anthracene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(a)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(b)fluoranthene		mg/kg (Dry)	SW 846 8270D	1				
Benzo(g,h,i)perylene		mg/kg (Dry)	SW 846 8270D	1				
Chrysene		mg/kg (Dry)	SW 846 8270D	1				
Indeno(1,2,3-cd)pyrene		mg/kg (Dry)	SW 846 8270D	1				
Pyrene		mg/kg (Dry)	SW 846 8270D	1				

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6		µg/L		SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14		µg/L		SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5		µg/L		SW 846 8270D	8.39 - 94.6
2-Fluorophenol		µg/L		SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl		µg/L		SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol		µg/L		SW 846 8270D	3.08 - 79.1

Volatiles, UST								
Benzene		mg/kg (Dry)	SW 846 8260B					
Ethylbenzene		mg/kg (Dry)	SW 846 8260B					
Isopropylbenzene		mg/kg (Dry)	SW 846 8260B					
Naphthalene		mg/kg (Dry)	SW 846 8260B					
Toluene		mg/kg (Dry)	SW 846 8260B					

Comments:

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PADEP 06-00208

SUBURBAN TESTING LABS

Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605
610-375-TEST - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Check One): Standard [ ] 24hr [ ] 48hr [X] 72hr [ ] Other
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID:

Client Name: Bluestone Environmental Inc.
Address: 203 Eighmy Road
Honesdale PA 18431
Contact Name: FRED DIEHL
Phone: 570-729-0705
Fax: 570-729-0708
Email: fdiehl@bluestoneenv.com

Project Name: Loch Gen
Address: 1623 Route 590
Hawley PA 18428
Payment / P.O. Info:

Comments: Please run odd number samples first. Even number samples will be released after results are seen from ODD # samples

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below: Matrix	Sample Type	Bottle Type	Preservative	Comments / Field Data:
	LG-01	10/3/13	1000	FD	Waste Oil Parameter	4	Sold	G	G	N	
	LG-02		1010		UNDER PADEP Short List						
	LG-03		1020		Including LEAD						
	LG-04		1030								
	LG-05		1035								
	LG-06		1045								
	LG-07		1055								
	LG-08		1100								

Relinquished By: [signature] Date: 10/3/13 Time: 1430
Received By: Date: Time: Temp °C: Acceptable: Y / N
Relinquished By: Date: Time: Temp °C: Acceptable: Y / N
Received in Lab By: [signature] UPS Date: 10/4 Time: 10:00 Temp °C: 15.8 Acceptable: Y / N

Sample Conditions
- Submitted with COC? Y / N
- Number of containers match number on COC? Y / N
- All containers in tact? Y / N
- Tests within holding times Y / N
- 40 mL VOA vials free of headspace? Y / N

Matrix Key
NPW = Non-Potable Water
Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)
PW = Potable Water (not for SDWA compliance)
SDWA = Safe Drinking Water Act Potable Sample

Sample Type Key
G = Grab
8HC = 8 Hr. Composite
24HC = 24 Hr. Composite

SDWA Sample Types
D=Distribution
E=Entry Point
R=Raw
C=Check
S=Special
M=Maximum Residence

Bottle Type Key
P = Plastic
G = Glass
O = Other

Preservative Key
N = Sodium Thiosulfate
A = Ascorbic Acid
H = HNO_3
C = HCl
S = H_2SO_4
OH = NaOH
O = Other
NA = None Required

Reporting Options
[ ] SDWA Reporting
PWSID:
[ ] Fax
[ ] Email
[ ] Other
[ ] Return a copy of this form with Report

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Chain of Custody Record

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TAT (Check One): Standard ☐ 24hr ☐ 48hr ☒ 72hr ☐ Other ____
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: ____

Client Name: Bluestone Environmental Inc.
Address: 203 Eighmy Road
Honesdale PA 18431
Contact Name: FRED DIEHL
Phone: 570-729-0705
Fax: 570-729-0708
Email: fdiehl@bluestoneenv.com

Project Name: Lock Gen
Address: 1623 Route 590
Hawley PA 18428
Payment / P.O. Info: ____

Comments: Please run odd number samples first. Even number samples will be released after results are seen from ODD # samples

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below: Matrix	Sample Type	Bottle Type	Preservative	Comments / Field Data:
	LG-09	10/3/13	1110	FD	Waste Oil Parameter	4	Solid	G	G	N	
	LG-10	↓	1115	↓	UNDER PADEP Short List	↓	↓	↓	↓	↓	
	LG-11		1120		Including LEAD						
	LG-12		1125		↓						
	LG-13		1130								
	LG-14		1135								
	LG-15		1215								
	LG-16	↓	1225	↓	↓	↓	↓	↓	↓	↓	

Relinquished By: [signature] Date: 10/3/13 Time: 1430
Received By: Date: ____ Time: ____ Temp °C: ____ Acceptable: Y / N
Relinquished By: Date: ____ Time: ____ Temp °C: ____ Acceptable: Y / N
Received In Lab By: [signature] UPS Date: 10/4 Time: 1000 Temp °C: 15.3 Acceptable: (Y) / N

Sample Conditions

Submitted with COC?	(Y) / N
Number of containers match number on COC?	(Y) / N
All containers in tact?	(Y) / N
Tests within holding times	(Y) / N
40 mL VOA vials free of headspace?	Y / N

Matrix Key

NPW = Non-Potable Water
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Sample Type Key

G = Grab
8HC = 8 Hr. Composite
24HC = 24 Hr. Composite

SDWA Sample Types

D=Distribution
E=Entry Point
R=Raw
C=Check
S=Special
M=Maximum Residence

Bottle Type Key

P = Plastic
G = Glass
O = Other

Preservative Key

N = Sodium Thiosulfate
A = Ascorbic Acid
H = HNO_3
C = HCl
S = H_2SO_4
OH = NaOH
O = Other
NA = None Required

Reporting Options

[ ] SDWA Reporting
PWSID: ____
[ ] Fax
[ ] Email
[ ] Other ____
[ ] Return a copy of this form with Report

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Chain of Custody Record

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TAT (Check One): Standard [ ]24hr [ ]48hr [X]72hr [ ]Other
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID:

Client Name: Bluestone Environmental Inc.
Address: 203 Eighmy Road
Honesdale PA 18431
Contact Name: FRED DIEHL
Phone: 570-729-0705
Fax: 570-729-0708
Email: fdiehl@bluestoneenv.com

Project Name: Loch Gen
Address: 1623 Route 590
Hawley PA 18428
Payment / P.O. Info:

Comments: Please run odd number samples first. Even number samples will be released after results are seen from ODD # samples

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below: Matrix	Sample Type	Bottle Type	Preservative	Comments / Field Data:
	LG-17	10/3/13	1145	FD	Waste Oil Parameter	4	Solid	G	G	N	
	LG-18	↓	1150	↓	UNDER PADEP Short List	↓	↓	↓	↓	↓	
	LG-19		1200		Including LEAD						
	LG-20		1205		↓						
	LG-21		1210								
	LG-22		1230								
	LG-23		1240								
	LG-24	↓	1245	↓	↓	↓	↓	↓	↓	↓	

Relinquished By: [signature] Date: 10/3/13 Time: 1430
Received By: Date: Time:
Relinquished By: Date: Time:
Received in Lab By: [signature] UPS Date: 10/4 Time: 1000

Temp °C: Acceptable: Y / N
Temp °C: Acceptable: Y / N
Temp °C: 15.8 Acceptable: Y / N

Sample Conditions

Submitted with COC?	Y / N
Number of containers match number on COC?	Y / N
All containers in tact?	Y / N
Tests within holding times	Y / N
40 mL VOA vials free of headspace?	Y / N

Matrix Key

NPW = Non-Potable Water
Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)
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E=Entry Point
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Bottle Type Key

P = Plastic
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O = Other

Preservative Key

N = Sodium Thiosulfate
A = Ascorbic Acid
H = HNO_3
C = HCl
S = H_2SO_4
OH = NaOH
O = Other
NA = None Required

Reporting Options

[ ] SDWA Reporting
PWSID:
[ ] Fax
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Results Report

Order ID: 13100500

Bluestone Environmental Inc.
203 Eighmy Road
Honesdale, PA 18431
Attn: Fred Diehl

Project: Lochgen - Clean Earth of MD Disposal
PWSID:

Sample Number: 13100500-01 Site: LG-Pile Customer Sample ID:
Collector: FD Collect Date: 10/3/2013 1:30 PM Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Inorganics								
Moisture	11.1	%	SM 2540-G				10/04/13 18:44	APR
Total Solids (TS)	88.9	%	SM 2540-G				10/04/13 18:44	APR
Metals								
Arsenic, Total	6.17	mg/kg (Dry)	SW 846 6020A	5.62	10/04/13	TRH	10/08/13 16:47	RPV
Barium, Total	119	mg/kg (Dry)	SW 846 6020A	56.2	10/04/13	TRH	10/08/13 16:47	RPV
Cadmium, Total	< 2.25	mg/kg (Dry)	SW 846 6020A	2.25	10/04/13	TRH	10/08/13 16:47	RPV
Chromium, Total	14.7	mg/kg (Dry)	SW 846 6020A	5.62	10/04/13	TRH	10/08/13 16:47	RPV
Lead, Total	979	mg/kg (Dry)	SW 846 6020A	56.2	10/04/13	TRH	10/08/13 16:47	RPV
Mercury, Total	0.052	mg/kg (Dry)	SW 846 7471A	0.011	10/08/13	RPV	10/10/13 17:36	RPV
Selenium, Total	< 11.2	mg/kg (Dry)	SW 846 6020A	11.2	10/04/13	TRH	10/08/13 16:47	RPV
Silver, Total	< 5.62	mg/kg (Dry)	SW 846 6020A	5.62	10/04/13	TRH	10/08/13 16:47	RPV
Organics								
PCBs								
Aroclor 1016	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Aroclor 1221	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Aroclor 1232	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Aroclor 1242	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Aroclor 1248	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Aroclor 1254	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Aroclor 1260	<1.8	mg/kg (Dry)	SW 846 8082	1.8			10/14/13 0:00	SUB
Semivolatiles, TCL								
Acenaphthene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Acenaphthylene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Anthracene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Benzo(a)anthracene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Benzo(a)pyrene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Benzo(b)fluoranthene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Benzo(g,h,i)perylene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Benzo(k)fluoranthene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
4-Bromophenyl phenyl ether	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Butyl benzyl phthalate	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Diethyl phthalate	<11.2	mg/kg (Dry)	SW 846 8270D	11.2	10/04/13	ESS	10/08/13 4:26	ESS
Carbazole	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
4-Chloro-3-methylphenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
4-Chloroaniline	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
bis(2-Chloroethoxy) methane	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
bis(2-Chloroethyl) ether	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
bis(2-Chloroisopropyl) ether	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2-Chloronaphthalene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2-Chlorophenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
4-Chlorophenyl phenyl ether	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Chrysene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
m,p-cresol (3,4-Methylphenol)	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
o-cresol (2-Methylphenol)	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Di-n-butyl phthalate	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Di-n-octyl phthalate	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
1,2-Dichlorobenzene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
1,3-Dichlorobenzene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
1,4-Dichlorobenzene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
3,3'-Dichlorobenzidine	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2,4-Dichlorophenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Dibenz(a,h)anthracene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2,4-Dimethylphenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Dibenzofuran	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2,4-Dinitrophenol	<11.2	mg/kg (Dry)	SW 846 8270D	11.2	10/04/13	ESS	10/08/13 4:26	ESS
2,4-Dinitrotoluene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2,6-Dinitrotoluene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
bis(2-Ethylhexyl) phthalate	<11.2	mg/kg (Dry)	SW 846 8270D	11.2	10/04/13	ESS	10/08/13 4:26	ESS
Fluoranthene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Fluorene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Hexachlorobenzene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Hexachlorobutadiene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Hexachlorocyclopentadiene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Hexachloroethane	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Indeno(1,2,3-cd)pyrene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Isophorone	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2-Methylnaphthalene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
4,6-Dinitro-2-methylphenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
n-Nitroso-di-n-propylamine	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2-Nitroaniline	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
3-Nitroaniline	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
4-Nitroaniline	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
n-Nitrosodiphenylamine	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2-Nitrophenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
4-Nitrophenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Napthalene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Nitrobenzene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Dimethyl phthalate	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Pentachlorophenol	<11.2	mg/kg (Dry)	SW 846 8270D	11.2	10/04/13	ESS	10/08/13 4:26	ESS
Phenanthrene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS

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PADEP 05-00206

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Phenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
Pyrene	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2,4,5-Trichlorophenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS
2,4,6-Trichlorophenol	<3.74	mg/kg (Dry)	SW 846 8270D	3.74	10/04/13	ESS	10/08/13 4:26	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	79.7	µg/L	40	SW 846 8270D	4.6 - 87.6
p-Terphenyl-d14	106	µg/L	106	SW 846 8270D	41.2 - 93.8
Nitrobenzene-d5	66.5	µg/L	67	SW 846 8270D	8.39 - 94.6
2-Fluorophenol	90.1	µg/L	45	SW 846 8270D	0.1 - 78.9
2-Fluorobiphenyl	83.9	µg/L	84	SW 846 8270D	16.1 - 86
2,4,6-Tribromophenol	55.1	µg/L	28	SW 846 8270D	3.08 - 79.1

Volatiles, TCL						
Acetone	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Benzene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Bromodichloromethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Bromoform	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Bromomethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
2-butanone (MEK)	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
carbon disulfide	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Carbon Tetrachloride	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Chlorobenzene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Chloroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Chloroform	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Chloromethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Cyclohexane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Dibromochloromethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
1,2-Dibromo-3-chloropropane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
1,2-Dibromoethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Dichlorodifluoromethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
1,1-Dichloroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
1,2-Dichloroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
1,1-Dichloroethene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
cis-1,2-dichloroethene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
trans-1,2-Dichloroethene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Dichloromethane (Methylene Chloride)	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
1,2-Dichloropropane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
cis-1,3-Dichloropropene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
trans-1,3-Dichloropropene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Ethylbenzene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
2-hexanone	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Isopropylbenzene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Methyl acetate	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Methyl-t-butyl ether (MTBE)	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Methylcyclohexane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
4-methyl-2-pentanone	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB
Styrene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045	10/07/13 0:00	SUB

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
1,1,2,2-Tetrachloroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Tetrachloroethene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Toluene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
1,2,4-Trichlorobenzene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
1,1,1-Trichloroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
1,1,2-Trichloroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Trichloroethene	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Trichlorofluoromethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Vinyl Chloride	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Total Xylenes	<0.045	mg/kg (Dry)	SW 846 8260B	0.045			10/07/13 0:00	SUB
Other Services								
Diesel Range Organics (DRO)	9910	mg/kg (Dry)	SW 846 8015	450			10/10/13 0:00	SUB
Gasoline Range Organics (GRO)	<90100	µg/kg (Dry)	SW 846 8015	90100			10/07/13 0:00	SUB

Comments:

Sample Number: 13100500-02 Site: LG-Pile-NV TCLP Extract Customer Sample ID:

Collector: TRH-STL Collect Date: 10/8/2013 11:35 AM Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Metals								
Arsenic	<0.01	mg/L	SW 846 6020A	0.01	10/09/13	TRH	10/10/13 11:53	RPV
Barium	0.643	mg/L	SW 846 6020A	0.1	10/09/13	TRH	10/10/13 11:53	RPV
Cadmium	0.010	mg/L	SW 846 6020A	0.004	10/09/13	TRH	10/10/13 11:53	RPV
Chromium	<0.10	mg/L	SW 846 6020A	0.1	10/09/13	TRH	10/11/13 4:25	RPV
Lead	0.390	mg/L	SW 846 6020A	0.1	10/09/13	TRH	10/11/13 4:25	RPV
Mercury	<0.0002	mg/L	SW 846 7470A	0.0002	10/08/13	RPV	10/10/13 17:12	RPV
Selenium	<0.02	mg/L	SW 846 6020A	0.02	10/09/13	TRH	10/10/13 11:53	RPV
Silver	<0.01	mg/L	SW 846 6020A	0.01	10/09/13	TRH	10/10/13 11:53	RPV
Organics								
Herbicides, TCLP								
2,4-D	<1.0	µg/L	sw 846 8151	1	10/09/13	WJS	10/09/13 18:07	MEM
2,4,5-TP (Silvex)	<0.5	µg/L	sw 846 8151	0.5	10/09/13	WJS	10/09/13 18:07	MEM

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
2,4-Dichlorophenylacetic acid	19.2	µg/L	10	sw 846 8151	1 - 144

Pesticides, TCLP								
gamma-BHC (Lindane)	<0.2	µg/L	SW 846 8081B	0.2	10/09/13	ESS	10/10/13 13:02	MEM
Chlordane	<5.0	µg/L	SW 846 8081B	5	10/09/13	ESS	10/10/13 13:02	MEM
Endrin	<0.2	µg/L	SW 846 8081B	0.2	10/09/13	ESS	10/10/13 13:02	MEM
Heptachlor	<0.2	µg/L	SW 846 8081B	0.2	10/09/13	ESS	10/10/13 13:02	MEM
Heptachlor epoxide	<0.2	µg/L	SW 846 8081B	0.2	10/09/13	ESS	10/10/13 13:02	MEM
Methoxychlor	<0.2	µg/L	SW 846 8081B	0.2	10/09/13	ESS	10/10/13 13:02	MEM
Toxaphene	<5.0	µg/L	SW 846 8081B	5	10/09/13	ESS	10/10/13 13:02	MEM

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Tetrachloro-m-xylene	41.9	µg/L	84	SW 846 8081B	32.7 - 116.5
Decachlorobiphenyl	42.5	µg/L	85	SW 846 8081B	43.6 - 131.6

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Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Semivolatiles, TCLP								
m,p-cresol (3,4-Methylphenol)	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
o-cresol (2-Methylphenol)	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
1,4-Dichlorobenzene	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
2,4-Dinitrotoluene	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
Hexachlorobenzene	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
Hexachlorobutadiene	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
Hexachloroethane	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
Nitrobenzene	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
Pentachlorophenol	<27.3	µg/L	SW 846 8270D	27.3	10/10/13	WJS	10/17/13 2:19	ESS
Pyridine	<27.3	µg/L	SW 846 8270D	27.3	10/10/13	WJS	10/17/13 2:19	ESS
2,4,5-Trichlorophenol	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS
2,4,6-Trichlorophenol	<9.1	µg/L	SW 846 8270D	9.1	10/10/13	WJS	10/17/13 2:19	ESS

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Phenol-d6	127	µg/L	64	SW 846 8270D	3.1 - 54
p-Terphenyl-d14	110	µg/L	110	SW 846 8270D	38.5 - 139.3
Nitrobenzene-d5	85.3	µg/L	85	SW 846 8270D	44.7 - 107
2-Fluorophenol	122	µg/L	61	SW 846 8270D	8.9 - 72
2-Fluorobiphenyl	81.3	µg/L	81	SW 846 8270D	25.9 - 118
2,4,6-Tribromophenol	169	µg/L	85	SW 846 8270D	5.71 - 112

Comments:

Sample Number: 13100500-03 Site: LG-Pile-TCLP ZHE Extract Customer Sample ID:

Collector: TRH-STL Collect Date: 10/8/2013 11:27 AM Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	Prep Date	By	Analysis Date	By
Organics								
Volatiles, TCLP								
Benzene	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
Carbon Tetrachloride	<0.01 M	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
Chlorobenzene	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
Chloroform	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
1,2-Dichloroethane	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
1,1-Dichloroethene	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
2-butanone (MEK)	<0.01 M	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
Tetrachloroethene	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
Trichloroethene	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ
Vinyl Chloride	<0.01	mg/L	SW 846 8260	0.01			10/10/13 11:50	RJZ

Surrogate Recoveries	*Results*	*Units*	*% Recovery*	*Method*	*Limits (% Recovery)*
Toluene-d8	50.4	µg/L	101	SW 846 8260	80 - 120
Dibromofluoromethane	47.1	µg/L	94	SW 846 8260	80 - 120
Bromofluorobenzene	51.9	µg/L	104	SW 846 8260	80 - 120
1,2-dichloroethane-d4	48.8	µg/L	98	SW 846 8260	80 - 120

Comments:

SUB: Analyses were performed by Lab ID#68-01335.

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Data Qualifiers:

#	The test "pH, Lab" is performed in the Laboratory as soon as possible and is valid for information purposes. It is not appropriate for regulatory compliance with NPDES and SDWA programs that require analysis within 15 minutes of sample collection.
A	This parameter is not included in SWTL's PADEP Scope of Accreditation and should not be used for regulatory compliance; however, the analysis has been completed in accordance with SWTL's NELAC Quality System requirements.
B	The target analyte was detected in the Method Blank, Field Blank, Dilution Water Blank or Sterility Check at or above the method Reporting Limit.
D	The Duplicate for the analysis batch associated with this sample was not within the established Acceptance Criteria.
E	Result exceeds the Quantitation Range and is considered to be an estimated result.
G	The GGA Standard for the analysis batch associated with this sample was not within the established Acceptance Criteria.
H	Regulatory holding time was exceeded for this analysis.
J	The reported result is below the Limit of Quantitation but greater than or equal to the calculated Limit of Detection and is considered to be an estimated result.
L	The Laboratory Control Sample for the analysis batch associated with this sample was not within the established Acceptance Criteria.
M	The Matrix Spike associated with this sample is not within the established Acceptance Criteria. This does not indicate a problem with the analysis but reflects possible matrix interference.
P	Preservation for this analysis did not meet regulatory requirements.
V	The surrogate associated with the sample was not within the established Acceptance Criteria.

All results meet the requirements of SWTL's TNI (NELAC) Accredited Quality System unless otherwise noted.
All results reported on an As Received (Wet Weight) basis unless otherwise noted.
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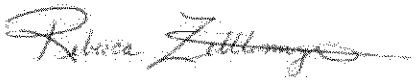
Approved By:
Rebecca J. Zettlemoyer
Laboratory Manager



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PADEP 04-00208

SUBURBAN TESTING LABS

Chain of Custody Record

1037F MacArthur Road, Reading, PA 19605
610-375-TEST - Fax: 610-375-4090 - suburbantestinglabs.com

TAT (Check One): Standard ☐ 24hr ☐ 48hr ☒ 72hr ☐ Other ____
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: _____

Client Name: Bluestone Environmental Inc.
Address: 203 Eighmy Road
Honesdale PA 18431
Contact Name: FRED DIEHL
Phone: 570-729-0705
Fax: 570-729-0708
Email: fdiehl@bluestoneenv.com

Project Name: Loch Gen
Address: 1623 Route 590
Hawley PA 18428
Payment / P.O. Info: _____

Comments: Please run odd number samples first. Even number samples will be released after results are seen from ODD # samples

SWTL Sample Number	Sample Description / Site ID:	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below: Matrix	Sample Type	Bottle Type	Preservative	Comments / Field Data:
	LG-Pile	10/3/13	1330	FD	~~Waste Oil Parameter~~ ~~UNDER PADEP Short List~~ ~~Including LEAD~~ Clean Earth of Maryland Full Suite of Tests	4	Solid	G	G	XX	

Relinquished By:	Date:	Time:		Received By:	Date:	Time:	Temp °C: ____ Acceptable: Y / N	Relinquished By:	Date:	Time:	Temp °C: ____ Acceptable: Y / N	Received In Lab By: VM UPS	Date: 10/4	Time: 1000	Temp °C: 15.8 Acceptable: Y / N

Sample Conditions

Submitted with COC?	Y / N
Number of containers match number on COC?	Y / N
All containers in tact?	Y / N
Tests within holding times	Y / N
40 mL VOA vials free of headspace?	Y / N

Matrix Key

NPW = Non-Potable Water
Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)
PW = Potable Water (not for SDWA compliance)
SDWA = Safe Drinking Water Act Potable Sample

Sample Type Key	SDWA Sample Types
G = Grab	D=Distribution
8HC = 8 Hr. Composite	E=Entry Point
24HC = 24 Hr. Composite	R=Raw
	C=Check
	S=Special
	M=Maximum Residence

Bottle Type Key

P = Plastic
G = Glass
O = Other

Preservative Key

N = Sodium Thiosulfate
A = Ascorbic Acid
H = HNO_3
C = HCl
S = H_2SO_4
OH = NaOH
O = Other
NA = None Required

Reporting Options

[ ] SDWA Reporting
PWSID: _____
[ ] Fax
[ ] Email
[ ] Other _____
[ ] Return a copy of this form with Report

Signing this form indicates your agreement with SWTL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.3 Effective May 16, 2013.
Shaded areas are for SWTL use only.

Appendix C

Manifests, Weight Tickets and Certificate of Recycling

CLEANEARTH

Manifest # 705046

GLOBAL JOB NUMBER: 131774 **FACILITY APPROVAL NUMBER:** 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: LOCHGEN LP 731W ELCOME LAKE ROAD HAWLEY ,PA 18428	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: GEORGE KORB/FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Jobsite: LOCHGEN LP
1623 ROUTE 590
HAWLEY ,PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: President/Agent for

Signature: [signature] Date and Time: 10/24/13 0810

TRANSPORTER

Company: J+J Motoring Phone Number: 717 334-6586

Address: Fairfield Pa Truck # and License Plate: 964 237 26 MD

Driver: Chris Dubs SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 10.24.13 735 A

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 10.24.13 105 P

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 10.24.13 106

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053851

	Date	Time	Scale
In:	10/24/2013	13:06:20	Scale SC
Out:	10/24/2013	13:06:37	P.T.

	Lbs	Tns
Gross:	74100	37.05
Tare:	24300	12.15
Net:	49800	24.90

Manifest: 705046
Vehicle ID: J&J-964
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Facility Approval#: 133120273
Generator: Lochgen LP
Job Name: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	24.90	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11589
Comment:

Driver: _____
CHRIS DUBS

Facility: _____
Cowdrick, Christine

CLEANEARTH

Manifest # 105045

GLOBAL JOB NUMBER: 131774 **FACILITY APPROVAL NUMBER:** 133120273

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☒ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
LOCHGEN LP 731 W ELCOME LAKE ROAD HAWLEY, PA 18428	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: GEORGE KORB / FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Jobsite: LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: President/Agent for

Signature: [signature] Date and Time: 10/24/13 0800 AM

TRANSPORTER

Company: Hobbs Trucking Phone Number: 717-334-6586

Address: Fairfield PA. Truck # and License Plate: 231- 198ED82

Driver: Ron ALLISON SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Ron Allison Date and Time: 10-24-13 - 8:15 A.M.

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Ron Allison Date and Time: 10-24-13 1:10 P.M.

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 10-24-13 1:11

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053852

	Date	Time	Scale
In:	10/24/2013	13:10:03	Scale SC
Out:	10/24/2013	13:17:43	Scale SC

	Lbs	Tns
Gross:	76300	38.15
Tare:	24100	12.05
Net:	52200	26.10

Manifest: 705045
Vehicle ID: HOBBS-231
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Facility Approval#: 133120273
Generator: Lochgen LP
Job Name: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	26.10	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11590
Comment:

Driver: Ron Allison
RON ALLISON

Facility: C Cowdrick
Cowdrick, Christine

CLEANEARTH

Manifest # 105047

GLOBAL JOB NUMBER: 131774 **FACILITY APPROVAL NUMBER:** 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
LOCHGEN LP 731 W ELCOME LAKE ROAD HAWLEY, PA 18428	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: GEORGE KORB / FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Job site: LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: President / Agent for

Signature: [signature] Date and Time: 10/24/13 0815 AM

TRANSPORTER

Company: Hobbs Trucking Phone Number: 717-334-6586

Address: Fairfield, Pa. Truck # and License Plate: 17

Driver: Mike Boone SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Mike Boone Date and Time: 10-24-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Mike Boone Date and Time: 10-24-13 1520 PM

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 10.24.13 1521

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053853

	Date	Time	Scale
In:	10/24/2013	13:53:39	Scale SC
Out:	10/24/2013	13:54:02	P.T.

	Lbs	Tns
Gross:	85400	42.70
Tare:	33220	16.61
Net:	52180	26.09

Manifest: 705047
Vehicle ID: HOBBS-17
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Generator: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428

Facility Approval#: 133120273
Job Name: Lochgen LP
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	26.09	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11531
Comment:

Driver: Mike Boone
MIKE BOONE

Facility: C Cowdrick
Cowdrick, Christine

CLEANEARTH

Manifest # 705049

GLOBAL JOB NUMBER: 131774 **FACILITY APPROVAL NUMBER:** 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
LOCHGEN LP 731 W ELCOME LAKE ROAD HAWLEY, PA 18428	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: GEORGE KORB/FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Job site: LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: COO President/Agent for

Signature: [signature] Date and Time: 10/24/13 0845

TRANSPORTER

Company: Hobbs Phone Number:

Address: Fairfield PA Truck # and License Plate: 20

Driver: Vance Click SW Haulers Permit #:
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 10-24-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 10-24-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 10-24-13 2:07

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053854

	Date	Time	Scale
In:	10/24/2013	14:06:35	Scale SC
Out:	10/24/2013	14:17:59	Scale SC

	Lbs	Tns
Gross:	76500	38.25
Tare:	29940	14.97
Net:	46560	23.28

Manifest: 705049
Vehicle ID: HOBBS-70
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Facility Approval#: 133120273
Generator: Lochgen LP
Job Name: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	23.28	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11592
Comment:

Driver: VANCE CLICK

Facility: C Cowdrick
Cowdrick, Christine

CLEANEARTH

Manifest # 705051

GLOBAL JOB NUMBER: 131774 **FACILITY APPROVAL NUMBER:** 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
LOCHGEN LP 731 W ELCOME LAKE ROAD HAWLEY, PA 18428	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: GEORGE KORB / FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

~~Jobsite:~~ LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

~~NON-HAZ~~
CONTAMINATED SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: Resident / Agent for

Signature: Date and Time: 10/24/13 0935

TRANSPORTER

Company: General Haul Phone Number: 304-267-4306

Address: Morgantown WV Truck # and License Plate: BA 514 874 GH34

Driver: Scott Hammond SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 10-24-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 10-24-13 3:30

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/24/13 3:31pm

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053856

	Date	Time	Scale
In:	10/24/2013	15:30:00	Scale SC
Out:	10/24/2013	15:31:37	P.T.

	Lbs	Tns
Gross:	88000	44.00
Tare:	29740	14.87
Net:	58260	29.13

Manifest: 705051
Vehicle ID: GHAUL-34
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Generator: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428

Facility Approval#: 133120273
Job Name: Lochgen LP
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	29.13	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11594
Comment:

Driver: SCOTT HAMMOND

Facility: Morgan, Chandra

CLEANEARTH

Manifest # 705050

GLOBAL JOB NUMBER: 131774 FACILITY APPROVAL NUMBER: 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
LOCHGEN LP 731 W ELCOME LAKE ROAD HAWLEY, PA 18428	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: GEORGE KORB/FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Jobsite: LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: President / Agent For

Signature: Date and Time: 10/24/13 0900AM

TRANSPORTER

Company: General Hauling Phone Number:

Address: 7014 Arden Hill Blvd Martinsburg WV Truck # and License Plate: GH3

Driver: Scott Jones SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 10.24.13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 10-24-13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/24/13 3:34pm

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053857

	Date	Time	Scale
In:	10/24/2013	15:35:20	Scale SC
Out:	10/24/2013	15:36:01	P.T.

Manifest: 705050
Vehicle ID: CHAUL-3
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Generator: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428

	Lbs	Tns
Gross:	69260	34.63
Tare:	23360	11.68
Net:	45900	22.95

Facility Approval#: 133120273
Job Name: Lochgen LP
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	22.95	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11595
Comment:

Driver: SCOTT JONES

Facility: Morgan, Chandra

CLEANEARTH

Manifest # 705052

GLOBAL JOB NUMBER: 131774 **FACILITY APPROVAL NUMBER:** 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
LOCHGEN LP 731 W ELCOME LAKE ROAD HAWLEY, PA 18428	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: GEORGE KORB/FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Jobsite: LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: President/Agent for

Signature: Frederic Diehl Date and Time: 10/24/13 0945

TRANSPORTER

Company: General Hauling Phone Number: 304-267-4306

Address: Martinsburg WV Truck # and License Plate: GH17 WV BA515700

Driver: D. CARTER SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: D. Carter Date and Time: 10-24-13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 10-24-13 3:39

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/24/13 3:40 pm

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053858

	Date	Time	Scale
In:	10/24/2013	15:39:31	Scale SC
Out:	10/24/2013	15:39:54	P.T.

	Lbs	Tns
Gross:	75000	37.50
Tare:	26100	13.05
Net:	48900	24.45

Manifest: 705052
Vehicle ID: GHAUL-17
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Generator: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428

Facility Approval#: 133120273
Job Name: Lochgen LP
Job Address: 1623 Route 590
Hawley, PA 18428

Origin	Materials & Services	Quantity	Unit
Pike	Soil Treatment Type III	24.45	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11596
Comment:

Driver: D. CARTER

Facility: Morgan, Chandra

CLEANEARTH

Manifest # 705048

GLOBAL JOB NUMBER: 131774 FACILITY APPROVAL NUMBER: 133120273

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☒ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: LOCHGEN LP 731 WELCOME LAKE ROAD HAWLEY, PA 18428	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE: GEORGE KORB/FRED DIEHL	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Jobsite: LOCHGEN LP
1623 ROUTE 590
HAWLEY, PA 18428

NON-HAZ
CONTAMINATED
SOIL

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: FREDERIC DIEHL Title: President / Agent for

Signature: Frederic A Diehl Date and Time: 10/24/13 0835 AM

TRANSPORTER

Company: Hobbs Trucking Phone Number: 800-326-6586

Address: Friendsville PA Truck # and License Plate: 098 PV17 2914

Driver: Bob Thomas SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Bob Thomas Date and Time: 10/24/13

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Bob Thomas Date and Time: 10/25/13

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: C Chadwick Date and Time: 10-25-13 740

GENERATOR

Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: (301) 791-6220 Fax: (301) 791-6044

Ticket: 312000053859

	Date	Time	Scale
In:	10/25/2013	07:39:01	Scale SC
Out:	10/25/2013	08:16:39	Scale SC

Manifest: 705048
Vehicle ID: HOBBS-098
Vehicle Permit:
Customer: BLUESTONE ENVIRONMENTAL I
Generator EPA#:
Generator: Lochgen LP
Gen Address: 731 Welcome Lake Road
Hawley, PA 18428

	Lbs	Tns
Gross:	89440	44.72
Tare:	32460	16.23
Net:	56980	28.49

Facility Approval#: 133120273
Job Name: Lochgen LP
Job Address: 1623 Route 590
Hawley, PA 18428

Origin
Pike

Materials & Services	Quantity	Unit
Soil Treatment Type III	28.49	Tns

Contaminate Type: Petroleum
Treatment Type: Fixation
Fac Waste Code: Soils

Storage Area: Area B
Sample ID: 11597
Comment: LOADED ON 10/24/13

Driver: BOB THOMAS

Facility: Cowdrick, Christine

CLEANEARTH®

Faster, smarter, greener solutions.®

Certificate of Recycling

12/19/2013

BLUESTONE ENVIRONMENTAL INC
BLU102

Clean Earth hereby certifies that **228.26** Tons of non-hazardous contaminated material was received in 9 truck(s) by Clean Earth of Maryland.

Generator: Lochgen LP
731 Welcome Lake Road
Hawley, PA 18428

Facility Approval#: 133120273

Job Site: 131774
Lochgen LP
1623 Route 590
Hawley, PA 18428

Waste processing and recycling is performed in accordance with State of Maryland Permit #2013-OPS-3065 at Clean Earth of Maryland.

Chris Cowdrick

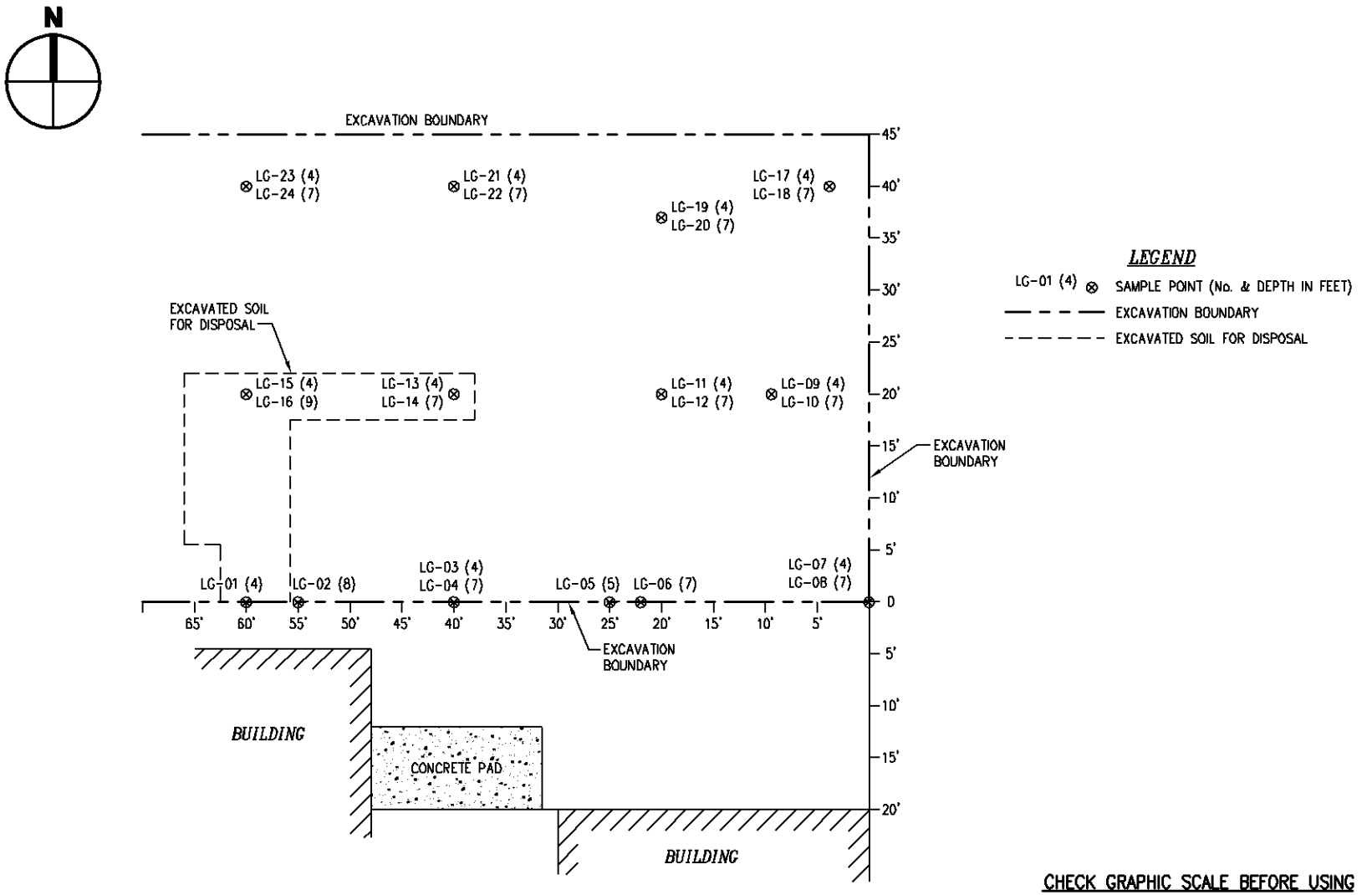
Digitally signed by Christine Cowdrick
Date: 2013.12.20 13:25:55 -05'00'

Authorized Signature

Reference Invoices #PSI00338128 and PSI0038270

Appendix D

Sample Location Map



LEGEND

LG-01 (4) ⊗ SAMPLE POINT (No. & DEPTH IN FEET)

EXCAVATION BOUNDARY

EXCAVATED SOIL FOR DISPOSAL

CHECK GRAPHIC SCALE BEFORE USING

SCALE IN FEET

10 0 10 20

Quad3
Architecture
Engineering
Environmental
Services

Quad Three Group, Inc.
12 Stemmers Run Boulevard
Suite 109
Mexico, PA 18507
phone 570.342.5200
fax 570.342.8083
web www.quad3.com

SAMPLE PLOT MAP

LOCHGEN LP
1623 TR 599
HAWLEY, PA. 18428

SCALE:	1"=10'
DRAWN BY:	WDM
ARCH/ENG:	DF
DATE:	07/02/14
JOB NUMBER:	10807.02
DRAWING NO.	SK-1

K:\10807.02\SK-1.dwg

bluestone
ENVIRONMENTAL INC.
203 Eighmy Road
Honesdale, PA 18431
570-729-0705