NORTHSTAR
ENVIRONMENTAL MANAGEMENT, LLC

November 21, 2019

Mr. Christopher Little
Ecos Energy
222 South 9th Street, Suite 1600
Minneapolis, MN 55402

RE: Petroleum Storage Tank Removal
and Soil Remediation
134 Bilton Road, Somers, CT
NorthStar Project No. 180101D

Dear Mr. Little:

NorthStar Environmental Management, LLC (NorthStar) is pleased to present herewith this underground storage tank closure and soil remediation report for the above-referenced property.

A 550-gallon gasoline UST and a 350-gallon diesel UST were removed from the subject property on October 8, 2018. The tanks had been improperly abandoned on the property by the former property owner. Holes were apparent in the gasoline UST and obvious soil contamination was present. The diesel UST appeared to be intact. An initial excavation of approximately 30 feet long by 3 feet wide by 10 feet deep reveal substantial petroleum contamination beyond the extents excavated. A small area of superficial ETPH contamination in the area of a former heating oil AST was also excavated at this time. Approximately 50 tons of soil was excavated and stock piled on site before rainy weather precluded further excavation. The stock piled soil was placed on plastic and covered with plastic.

Frequent heavy rains hindered work at the site for the next five to six months. The excavation eventually filled with rain water and the ground on the property became saturated and nearly impossible to work on. On April 1, 2019 the water in the excavation hole was sampled to determine if it was impacted from the contaminated soil. No odors or sheen were observed on the water and no VOCs were detected in the water based on an EPA Method 8260C analysis. The water was pumped out of the excavation hole to a drainage area and the excavation was continued.

On April 10, 2019 an additional 100 tons of contaminated soil were excavate. The excavation averaged 8 to 10 feet deep with one area up to 20 feet deep.

By April 18, 2019, NorthStar reached relatively clean soil to the east and west sides of the excavation but still needed to further explore contaminated soil to the north and south. At this

point the excavation was 50 feet long (east/west axis) by 20 feet wide (N/S axis) by 14 feet deep on average with a maximum depth of 20 feet. Approximately 200 tons of soil had been excavated and stock piled on site.

NorthStar recommended that augur test borings and monitoring wells be conducted to better characterize soil and groundwater contamination in the area.

NorthStar conducted six test borings around the area of the former underground storage tanks using a auger drill rig operated by Martin Geoenvironmental LLC in order to better characterized petroleum contamination on the subject property as a result of historic leaking of gasoline and diesel underground storage tanks. Test boring locations are illustrated in Figure 1. Monitoring wells were installed in borings AB-2 north of the tank grave and AB-6 located south of the tank grave. The other borings were conducted across the groundwater table thus provide additional information on groundwater quality. The groundwater table was encountered at approximately 13 feet below grade. Soil encountered in the test borings is a tightly packed till consisting predominantly of fines such as fine sand, silt and clay with 25 to 30% medium to course grave, cobbles and boulders. Test boring logs are included in Appendix A.

Soil samples were collected in various borings at 10-12 feet, 15-17 feet and 20-22 feet below grade. In test boring AB-6 where a petroleum odor was very noticeable, samples were also collected at 24-26 feet below grade. Temporary monitoring wells were installed in test borings AB-2 (MW-1) and AB-6 (MW-2).

Soil and groundwater sample results are presented in Table 1 and the laboratory data reports are included in Appendix B. No petroleum contamination was detected in test borings AB-1, AB-2, AB-3, and AB-4, or in monitoring well MW-1 all located north, east, and west of the tank grave. This was unexpected as area topography slopes toward the northeast. Petroleum contamination (mostly gasoline) was encountered in test borings AB-5, AB-6 and monitoring well MW-2 located south of the tank grave. Although petroleum contamination in soil was detected in test borings AB-5 and AB-6, it did not exceed an applicable remediation standard and was only detected in soil samples collected below the groundwater table. The groundwater sample from monitoring well MW-2 on the other hand contained volatile organic compounds consistent with gasoline that exceed the Groundwater Protection Criteria, the Surface Water Protection Criteria and the Residential Groundwater Volatilization Criteria. NorthStar collected a sample from the property's drinking water well which is about 40 feet from monitoring well MW-2 and it contained no detectable volatile organic compounds indicating that the contaminant plume had not yet reached that location.

NorthStar opined that the bulk of the soil contamination had been effectively excavated. Additional excavation would not likely improve groundwater quality to a notable degree and could mobilize the contamination. The groundwater contamination did not appear to be migrating off site. Given that the source of contamination has been removed, petroleum constituents in groundwater should diminish over time as a result of natural attenuation (i.e., natural biological, physical and chemical remediation processes). NorthStar recommends that monitoring well MW-2 be sampled once a year to monitor the natural attenuation process. In addition, the drinking water well for the residence should be tested for VOCs on an annual basis. Finally, because certain VOCs exceeded the Groundwater Volatilization Criterion, air samples should be collected inside the house on an annual basis and analyzed for volatile organic compounds to ensure that the occupants are not exposed to VOCs as a result of vapor intrusion. Air quality should be tested during the winter when doors and windows are kept closed.

The final extents of the soil excavation are shown in Figure 1. The AST surficial soil excavation was excavated to approximately 12 feet below grade at which point an ETPH concentration of 130 mg/kg was detected. The AST confirmatory sample result is included in Appendix C. The Residential Direct Exposure Criterion and GA Pollutant Mobility Criterion for ETPH in soil is 500 mg/kg.

On July 8, 2019 NorthStar collected samples from the stockpiled soil to characterize it for disposal. After communicating with several disposal firms, Ondrick Material and Recycling was selected as the best place to ship the soil. On October 1, 2019 Ondrick approved the soil for shipment to their facility (19-09-M-6385CT). A total of 237 tons of soil were loaded and transported to Ondrick on October 16 and 17, 2019. Shipping logs and weight tickets from Ordrick is included in Appendix D.

We trust that this report will be responsive to your needs and appreciate the opportunity to be of continued service to your office. Please feel free to call if you have any questions or if you would like to discuss this report.

Very truly yours,
NorthStar Environmental Management, LLC

Kristie Ferreira, LEP
Principal

Jean Bissonnette
Project Manager

Figures

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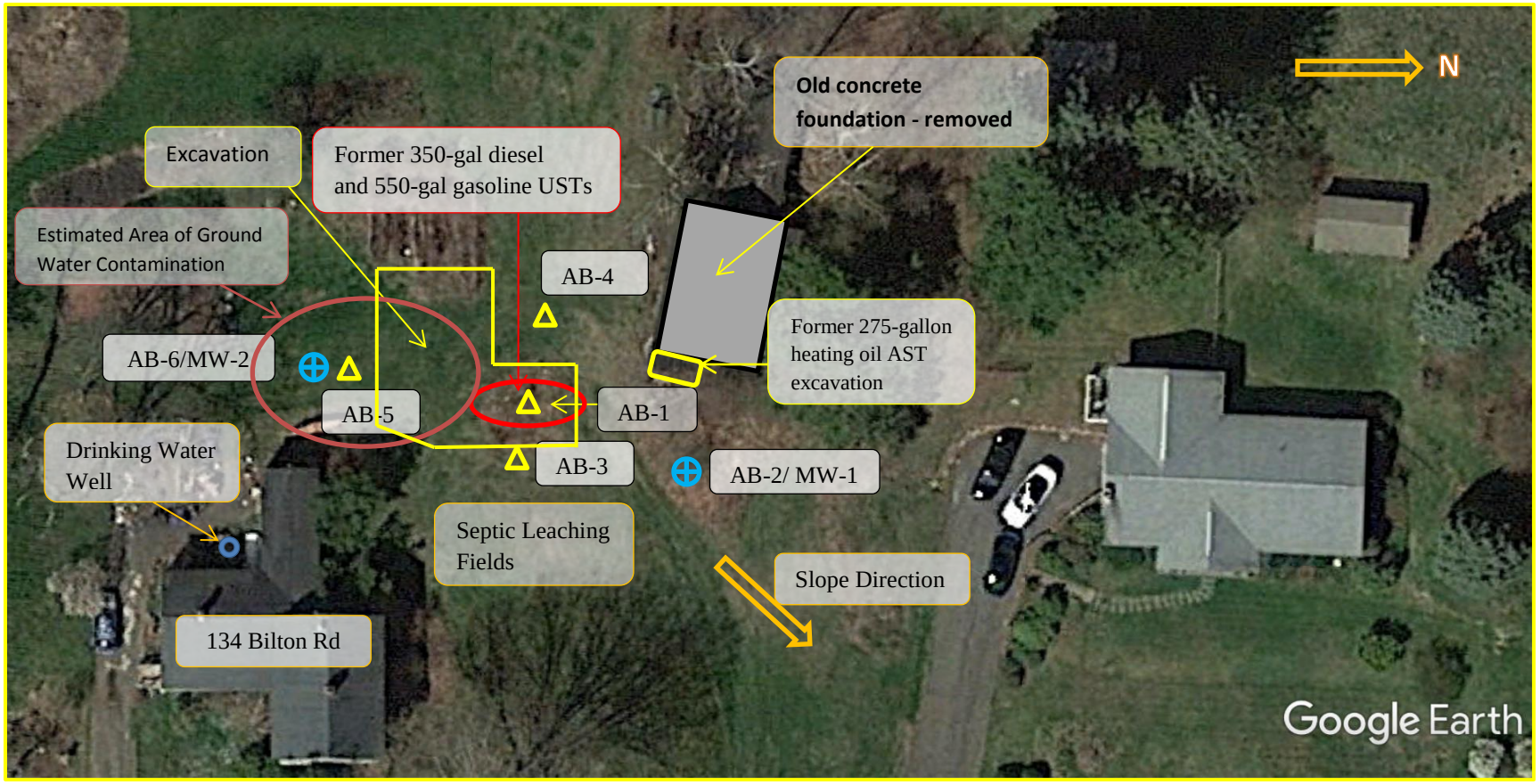

Figure 1
Test Boring Locations and Area of Soil Excavation
134 Bilton Road, Somers, CT
1 inch = 40 feet

Tables

800 Village Walk, No. 325, Guilford, CT 06437
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Table 1.
Soil Sample Results

Client:	Northstar Environmental Mgt LLC
Project:	180101C, 134 Bilton Rd, Somers
ProjectNumber:	[none]
Matrix:	Soil
Collect Dates:	5/9/2019 Thru 5/9/2019

Lab Number					9050305-01		9050305-02		9050305-03		9050305-04		9050305-05	
Sampled Name					AB1 20		AB1 30		AB2 20		AB3 15		AB3 20	
Sampled Date					5/9/2019		5/9/2019		5/9/2019		5/9/2019		5/9/2019	
Parameter	GA PMC	GB PMC	I/C DEC	RES DEC	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
CT-ETPH (mg/kg)														
ETPH	500	2500	2500	500	<58		<56		<56		<55		<58	
EPA 8260C (ug/Kg)														
Benzene	20	200	200000	21000	<4.0		<3.0		<4.4		<5.2		<4.1	
Bromobenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
n-Butylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
sec-Butylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
tert-Butylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
Chlorobenzene	2000	20000	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
2-Chlorotoluene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
4-Chlorotoluene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
1,2-Dichlorobenzene	3100	3100	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
1,3-Dichlorobenzene	12000	120000	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
1,4-Dichlorobenzene	1500	15000	240000	26000	<4.0		<3.0		<4.4		<5.2		<4.1	
Ethylbenzene	10100	10100	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
Hexachlorobutadiene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
isopropylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
4-Isopropyltoluene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
Methyl-t-Butyl Ether (MTBE)	2000	20000	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
Naphthalene	5600	56000	2500000	1000000	<4.0		<3.0		<4.4		<5.2		<4.1	
n-Propylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
Styrene	2000	20000	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
Toluene	20000	67000	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
1,2,3-Trichlorobenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
1,2,4-Trichlorobenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	<4.0		<3.0		<4.4		<5.2		<4.1	
m+p Xylenes	19500	19500	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
o-Xylene	19500	19500	1000000	500000	<4.0		<3.0		<4.4		<5.2		<4.1	
SM 2540 G (%)														
Percent Solids	NA	NA	NA	NA	85		88		88		89		84	

Notes:

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Qualifiers:

Table 1. Continued
Soil Sample Results

Client:	Northstar Environmental Mgt LLC
Project:	AB Bilton Rd
ProjectNumber:	[none]
Matrix:	Soil
Collect Dates:	5/10/2019 Thru 5/10/2019

Lab Number					9050355-01		9050355-02		9050355-03	
Sampled Name					AB4 15-17ft		AB4 20-22ft		AB5 10-12ft	
Sampled Date					5/10/2019		5/10/2019		5/10/2019	
Parameter	GA PMC	GB PMC	I/C DEC	RES DEC	Value	Qual	Value	Qual	Value	Qual
CT-ETPH (mg/kg)										
ETPH	500	2500	2500	500	<55		<58		<55	
EPA 8260C (ug/Kg)										
Benzene	20	200	200000	21000	<3.7		<3.7		<4.1	
Bromobenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
n-Butylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
sec-Butylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
tert-Butylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
Chlorobenzene	2000	20000	1000000	500000	<3.7		<3.7		<4.1	
2-Chlorotoluene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
4-Chlorotoluene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
1,2-Dichlorobenzene	3100	3100	1000000	500000	<3.7		<3.7		<4.1	
1,3-Dichlorobenzene	12000	120000	1000000	500000	<3.7		<3.7		<4.1	
1,4-Dichlorobenzene	1500	15000	240000	26000	<3.7		<3.7		<4.1	
Ethylbenzene	10100	10100	1000000	500000	<3.7		<3.7		<4.1	
Hexachlorobutadiene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
isopropylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
4-Isopropyltoluene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
Methyl-t-Butyl Ether (MTBE)	2000	20000	1000000	500000	<3.7		<3.7		<4.1	
Naphthalene	5600	56000	2500000	1000000	<7.4		<7.3		<8.2	
n-Propylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
Styrene	2000	20000	1000000	500000	<3.7		<3.7		<4.1	
Toluene	20000	67000	1000000	500000	<3.7		<3.7		<4.1	
1,2,3-Trichlorobenzene	NA	NA	NA	NA	<7.4		<7.3		<8.2	
1,2,4-Trichlorobenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	<3.7		<3.7		<4.1	
m+p Xylenes	19500	19500	1000000	500000	<3.7		<3.7		<4.1	
o-Xylene	19500	19500	1000000	500000	<3.7		<3.7		<4.1	
SM 2540 G (%)										
Percent Solids	NA	NA	NA	NA	90		86		90	

Notes:

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Qualifiers:

Table 1. Continued
Soil Sample Results

Client:	Northstar Environmental Mgt LLC
Project:	180101C, 134 Bilton Rd, Somers
ProjectNumber:	[none]
Matrix:	Soil
Collect Dates:	5/13/2019 Thru 5/13/2019

Lab Number					9050382-01		9050382-02		9050382-03	
Sampled Name					AB5 15-17ft		AB6 15-17ft		AB6 24-26ft	
Sampled Date					5/13/2019		5/13/2019		5/13/2019	
Parameter	GA PMC	GB PMC	I/C DEC	RES DEC	Value	Qual	Value	Qual	Value	Qual
CT-ETPH (mg/kg)										
ETPH	500	2500	2500	500			<55		<55	
EPA 8260C (ug/Kg)										
Benzene	20	200	200000	21000	<3.7		<3.3		<3.5	
Bromobenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
n-Butylbenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
sec-Butylbenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
tert-Butylbenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
Chlorobenzene	2000	20000	1000000	500000	<3.7		<3.3		<3.5	
2-Chlorotoluene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
4-Chlorotoluene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
1,2-Dichlorobenzene	3100	3100	1000000	500000	<3.7		<3.3		<3.5	
1,3-Dichlorobenzene	12000	120000	1000000	500000	<3.7		<3.3		<3.5	
1,4-Dichlorobenzene	1500	15000	240000	26000	<3.7		<3.3		<3.5	
Ethylbenzene	10100	10100	1000000	500000	<3.7		<3.3		4.9	
Hexachlorobutadiene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
isopropylbenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
4-Isopropyltoluene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
Methyl-t-Butyl Ether (MTBE)	2000	20000	1000000	500000	<3.7		<3.3		<3.5	
Naphthalene	5600	56000	2500000	1000000	7.8		<3.3		4	
n-Propylbenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
Styrene	2000	20000	1000000	500000	<3.7		<3.3		<3.5	
Toluene	20000	67000	1000000	500000	<3.7		<3.3		9.5	
1,2,3-Trichlorobenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
1,2,4-Trichlorobenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	<3.7		<3.3		4.1	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	<3.7		<3.3		<3.5	
m+p Xylenes	19500	19500	1000000	500000	<3.7		<3.3		15	
o-Xylene	19500	19500	1000000	500000	<3.7		<3.3		3.5	
SM 2540 G (%)										
Percent Solids	NA	NA	NA	NA	90		90		90	

Notes:

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Qualifiers:

Table 2
Groundwater Sample Results
MW-1

Client:	Northstar Environmental Mgt LLC					
Project:	AB Bilton Rd					
ProjectNumber:	[none]					
Matrix:	Water					
Collect Dates:	5/10/2019 Thru 5/10/2019					
Lab Number					9050355-04	
Sampled Name					MW-1	
Sampled Date					5/10/2019	
Parameter	GWPC	SWPC	I/C GWVC	Res GWVC	Value	Qual
EPA 8260C (ug/L)						
Benzene	1	710	530	215	<1.0	
Bromobenzene	NA	NA	NA	NA	<1.0	
n-Butylbenzene	NA	NA	NA	NA	<1.0	
sec-Butylbenzene	NA	NA	NA	NA	<1.0	
tert-Butylbenzene	NA	NA	NA	NA	<1.0	
Chlorobenzene	100	420000	6150	1800	<1.0	
2-Chlorotoluene	NA	NA	NA	NA	<1.0	
4-Chlorotoluene	NA	NA	NA	NA	<1.0	
1,2-Dichlorobenzene	600	170000	50000	30500	<1.0	
1,3-Dichlorobenzene	600	26000	50000	24200	<1.0	
1,4-Dichlorobenzene	75	26000	50000	50000	<1.0	
Ethylbenzene	700	580000	50000	50000	<1.0	
Hexachlorobutadiene	NA	NA	NA	NA	<0.45	
isopropylbenzene	NA	NA	NA	NA	<1.0	
4-Isopropyltoluene	NA	NA	NA	NA	<1.0	
Methyl-t-Butyl Ether (MTBE)	100	NE	50000	50000	<5.0	
Naphthalene	280	NE	NE	NE	<1.0	
n-Propylbenzene	NA	NA	NA	NA	<1.0	
Styrene	100	NE	2065	580	<1.0	
Toluene	1000	4000000	50000	23500	<1.0	
1,2,3-Trichlorobenzene	NA	NA	NA	NA	<1.0	
1,2,4-Trichlorobenzene	NA	NA	NA	NA	<1.0	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	<1.0	
1,3,5-Trimethylbenzene	NA	NA	NA	NA	<1.0	
m+p Xylenes	530	NE	50000	21300	<1.0	
o-Xylene	530	NE	50000	21300	<1.0	
Notes:						
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Qualifiers:						

Table 2 (Continued) MW-2 and Dug Well

Client:	Northstar Environmental Mgt LLC									
Project:	180101C, 134 Bilton Rd, Somers									
ProjectNumber:	180101C, 134 Bilton Rd, Somers									
Matrix:	Water									
Collect Dates:	5/13/2019 Thru 5/13/2019									
Lab Number					9050382-04		9050382-04RE1		9050382-05	
Sampled Name					MW-2		MW-2		Dug Well	
Sampled Date					5/13/2019		5/13/2019		5/13/2019	
Parameter	GWPC	SWPC	I/C GWVC	Res GWVC	Value	Qual	Value	Qual	Value	Qual
EPA 524.2 (ug/L)										
Benzene	1	710	530	215					<0.50	
Bromobenzene	NA	NA	NA	NA					<0.50	
n-Butylbenzene	NA	NA	NA	NA					<0.50	
sec-Butylbenzene	NA	NA	NA	NA					<0.50	
tert-Butylbenzene	NA	NA	NA	NA					<0.50	
Chlorobenzene	100	420000	6150	1800					<0.50	
2-Chlorotoluene	NA	NA	NA	NA					<0.50	
4-Chlorotoluene	NA	NA	NA	NA					<0.50	
1,2-Dichlorobenzene	600	170000	50000	30500					<0.50	
1,3-Dichlorobenzene	600	26000	50000	24200					<0.50	
1,4-Dichlorobenzene	75	26000	50000	50000					<0.50	
Ethylbenzene	700	580000	50000	50000					<0.50	
Hexachlorobutadiene	NA	NA	NA	NA					<0.50	
isopropylbenzene	NA	NA	NA	NA					<0.50	
4-Isopropyltoluene	NA	NA	NA	NA					<0.50	
Methyl-t-Butyl Ether (MTBE)	100	NE	50000	50000					<1.0	
Naphthalene	280	NE	NE	NE					<0.50	
n-Propylbenzene	NA	NA	NA	NA					<0.50	
Styrene	100	NE	2065	580					<0.50	
Toluene	1000	4000000	50000	23500					<0.50	
1,2,3-Trichlorobenzene	NA	NA	NA	NA					<0.50	
1,2,4-Trichlorobenzene	NA	NA	NA	NA					<0.50	
1,2,4-Trimethylbenzene	NA	NA	NA	NA					<0.50	
1,3,5-Trimethylbenzene	NA	NA	NA	NA					<0.50	
m+p Xylenes	530	NE	50000	21300					<0.50	
o-Xylene	530	NE	50000	21300					<0.50	
EPA 524.2 TICs (ug/L)										
No Tentatively Identified Com	NA	NA	NA	NA					<2.0	
EPA 8260C (ug/L)										
Benzene	1	710	530	215	840	E	1000			
Bromobenzene	NA	NA	NA	NA	<1.0		<200			
n-Butylbenzene	NA	NA	NA	NA	24		<200			
sec-Butylbenzene	NA	NA	NA	NA	12		<200			
tert-Butylbenzene	NA	NA	NA	NA	<1.0		<200			
Chlorobenzene	100	420000	6150	1800	<1.0		<200			
2-Chlorotoluene	NA	NA	NA	NA	<1.0		<200			
4-Chlorotoluene	NA	NA	NA	NA	<1.0		<200			
1,2-Dichlorobenzene	600	170000	50000	30500	<1.0		<200			
1,3-Dichlorobenzene	600	26000	50000	24200	<1.0		<200			
1,4-Dichlorobenzene	75	26000	50000	50000	<1.0		<200			
Ethylbenzene	700	580000	50000	50000	590	E	3500			
Hexachlorobutadiene	NA	NA	NA	NA	<0.45		<90			
isopropylbenzene	NA	NA	NA	NA	110		<200			
4-Isopropyltoluene	NA	NA	NA	NA	6.3		<200			
Methyl-t-Butyl Ether (MTBE)	100	NE	50000	50000	<5.0		<1000			
Naphthalene	280	NE	NE	NE	370	E	1100			
n-Propylbenzene	NA	NA	NA	NA	240	E	320			
Styrene	100	NE	2065	580	26		<200			
Toluene	1000	4000000	50000	23500	1900	E	22000			
1,2,3-Trichlorobenzene	NA	NA	NA	NA	<1.0		<200			
1,2,4-Trichlorobenzene	NA	NA	NA	NA	<1.0		<200			
1,2,4-Trimethylbenzene	NA	NA	NA	NA	500	E	2400			
1,3,5-Trimethylbenzene	NA	NA	NA	NA	380	E	740			
m+p Xylenes	530	NE	50000	21300	1700	E	13000			
o-Xylene	530	NE	50000	21300	620	E	2400			
Notes:										
Report Generated on: 5/22/2019 4:41:19 PM										
Qualifiers: E	The result is estimated above the calibration range.									

Appendices

800 Village Walk, No. 325, Guilford, CT 06437
Phone (203) 458-3426 • Fax (203) 458-1597 • e-mail: northstar_environmental@hotmail.com

NORTHSTAR
ENVIRONMENTAL MANAGEMENT, LLC

Appendix A
Test Boring Logs

800 Village Walk, No. 325, Guilford, CT 06437
Phone (203) 458-3426 • Fax (203) 458-1597 • e-mail: northstar_environmental@hotmail.com

Martin

Geo-Environmental, LLC

Drilling Contractors

P.O. Box 646
Belchertown, MA 01007 Tel: (413) 323-8700

Boring #: AB-1 Start: 5-9-2019 Finish: 5-9-2019

Sheet: 1 of 1

Client: NorthStar Env. Inspector: J.B.

Project: Residence #:

Location: 134 Bilton Rd. Somers CT

Well Locus: _____

Drill/Crew: J.M.

Auger 4.25 ID	Casing Size	Sampling 5’	Core Barrel	Utility Clearance #: Town Permit #:

Sample No.	Depth Range	Blows per 6 “ 0-6	6-12	12-18	18-24	REC.	Strata Change	Sample Descriptions
								No Sampling require to 20’’
S-1	20-	31	51	61	68	22”		Red SILT and fine SAND, little gravel, trace clay. (till) WET
	22’							
								EOB 22’ Water @ 13 No odors
S-2	30-	23	34	49	58	24”		Red SILT, little fine-medium sand, trace gravel, trace clay.
	32’							(till) WET
								EOB 32’ Water @ 14-15’ No odors

Field Obs. Only	Location:		Rig: Mobile B-53
Portions Used Trace: 0-10% Little: 10-20% Some: 20-35% And: 35-50%	Weather:		Hammer: 140#

Martin

Geo-Environmental, LLC

Drilling Contractors

P.O. Box 646
Belchertown, MA 01007 Tel: (413) 323-8700

Boring #: AB-2 Start: 5-9-2019 Finish: 5-9-2019

Sheet: 1 of 1

Client: NorthStar Env. Inspector: J.B.

Project: Residence #:

Location: 134 Bilton Rd. Somers CT

Well Locus: _____

Drill/Crew: J.M.

Auger 4.25 ID	Casing Size	Sampling 5’	Core Barrel	Utility Clearance #: Town Permit #:

Sample No.	Depth Range	Blows per 6 “ 0-6	6-12	12-18	18-24	REC.	Strata Change	Sample Descriptions
								No Sampling require to 15’
S-1	15-	17	23	100/5”		17”		Red SILT and fine SAND, little gravel, little clay. (till) WET
	17’							
S-1	20-	49				6”		Red TILL WET
	22’							(hammer broke)
								EOB 20’ Water @ 13-14’ No odors
								Set 2” PVC well at 20’
								Screen 10-20’
								Riser +2’-10’
								Sand pack 8-20’
								Bentonite seal 6-8’
								Native 0-6’

Field Obs. Only	Location:		Rig: Mobile B-53
Portions Used Trace: 0-10% Little: 10-20% Some: 20-35% And: 35-50%	Weather:		Hammer: 140#

Martin

Geo-Environmental, LLC

Drilling Contractors

P.O. Box 646
Belchertown, MA 01007 Tel: (413) 323-8700

Boring #: AB-3 Start: 5-9-2019 Finish: 5-9-2019

Sheet: 1 of 1

Client: NorthStar Env. Inspector: J.B.

Project: Residence #:

Location: 134 Bilton Rd. Somers CT

Well Locus: _____

Drill/Crew: J.M.

Auger 4.25 ID	Casing Size	Sampling 5’	Core Barrel	Utility Clearance #: Town Permit #:

Sample No.	Depth Range	Blows per 6 “ 0-6	6-12	12-18	18-24	REC.	Strata Change	Sample Descriptions
								No Sampling require to 15’
S-1	15-	22	34	68	45	20”		Red fine-medium SAND and SILT, little gravel. (till) WET
	17’							
S-2	20-	23	38	44	41	18”		Red SILT and fine SAND, little medium sand, little gravel, little clay.
	22’							(till) WET
								EOB 22’ Water @ 13 No odors

Field Obs. Only	Location:		Rig: Mobile B-53
Portions Used Trace: 0-10% Little: 10-20% Some: 20-35% And: 35-50%	Weather:		Hammer: 140#

NORTHSTAR
ENVIRONMENTAL MANAGEMENT, LLC

Appendix B
Laboratory Data Reports

800 Village Walk, No. 325, Guilford, CT 06437
Phone (203) 458-3426 • Fax (203) 458-1597 • e-mail: northstar_environmental@hotmail.com

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Kristie Ferreira
Northstar Environmental Mgt LLC
1100 Boston Post Road
Guilford, CT 06437

Analytical Report

CET# 9050305

Report Date:May 15, 2019
Project: 180101C, 134 Bilton Rd, Somers

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 2.6°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
AB1 20	9050305-01	Soil	5/09/2019	05/10/2019
AB1 30	9050305-02	Soil	5/09/2019	05/10/2019
AB2 20	9050305-03	Soil	5/09/2019	05/10/2019
AB3 15	9050305-04	Soil	5/09/2019	05/10/2019
AB3 20	9050305-05	Soil	5/09/2019	05/10/2019

Analyte: Percent Solids [SM 2540 G]

Analyst: JRO

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
9050305-01	AB1 20	85	1.0	%	1	B9E1416	05/14/2019	05/15/2019 12:00	
9050305-02	AB1 30	88	1.0	%	1	B9E1416	05/14/2019	05/15/2019 12:00	
9050305-03	AB2 20	88	1.0	%	1	B9E1416	05/14/2019	05/15/2019 12:00	
9050305-04	AB3 15	89	1.0	%	1	B9E1416	05/14/2019	05/15/2019 12:00	
9050305-05	AB3 20	84	1.0	%	1	B9E1416	05/14/2019	05/15/2019 12:00	

Client Sample ID AB1 20

Lab ID: 9050305-01

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	B9E1103	05/11/2019	05/12/2019 18:26	
Surrogate: Octacosane	*105 %*	*50 - 150*			B9E1103	05/11/2019	*05/12/2019 18:26*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Benzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Toluene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Chlorobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Ethylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
m+p Xylenes	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
o-Xylene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Styrene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Isopropylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Bromobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
n-Propylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
2-Chlorotoluene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
4-Chlorotoluene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,3,5-Trimethylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
tert-Butylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,2,4-Trimethylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
sec-Butylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,3-Dichlorobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
4-Isopropyltoluene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,4-Dichlorobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,2-Dichlorobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
n-Butylbenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,2,4-Trichlorobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Hexachlorobutadiene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
Naphthalene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	
1,2,3-Trichlorobenzene	ND	4.0	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:03	

Client Sample ID AB1 20

Lab ID: 9050305-01

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*92.3 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:03*	
Surrogate: Toluene-d8	*95.7 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:03*	
Surrogate: 4-Bromofluorobenzene	*118 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:03*	

Client Sample ID AB1 30

Lab ID: 9050305-02

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	B9E1336	05/13/2019	05/13/2019 22:12	
Surrogate: Octacosane	*85.0 %*	*50 - 150*			B9E1336	05/13/2019	*05/13/2019 22:12*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Benzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Toluene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Chlorobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Ethylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
m+p Xylenes	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
o-Xylene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Styrene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Isopropylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Bromobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
n-Propylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
2-Chlorotoluene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
4-Chlorotoluene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,3,5-Trimethylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
tert-Butylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,2,4-Trimethylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
sec-Butylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,3-Dichlorobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
4-Isopropyltoluene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,4-Dichlorobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,2-Dichlorobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
n-Butylbenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,2,4-Trichlorobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Hexachlorobutadiene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
Naphthalene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	
1,2,3-Trichlorobenzene	ND	3.0	1.07	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:25	

Client Sample ID AB1 30

Lab ID: 9050305-02

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*85.5 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:25*	
Surrogate: Toluene-d8	*95.5 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:25*	
Surrogate: 4-Bromofluorobenzene	*117 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:25*	

Client Sample ID AB2 20

Lab ID: 9050305-03

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	B9E1336	05/13/2019	05/13/2019 23:43	
Surrogate: Octacosane	*107 %*	*50 - 150*			B9E1336	05/13/2019	*05/13/2019 23:43*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Benzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Toluene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Chlorobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Ethylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
m+p Xylenes	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
o-Xylene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Styrene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Isopropylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Bromobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
n-Propylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
2-Chlorotoluene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
4-Chlorotoluene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,3,5-Trimethylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
tert-Butylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,2,4-Trimethylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
sec-Butylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,3-Dichlorobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
4-Isopropyltoluene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,4-Dichlorobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,2-Dichlorobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
n-Butylbenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,2,4-Trichlorobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Hexachlorobutadiene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
Naphthalene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	
1,2,3-Trichlorobenzene	ND	4.4	1.56	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 13:48	

Client Sample ID AB2 20

Lab ID: 9050305-03

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*83.9 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:48*	
Surrogate: Toluene-d8	*96.0 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:48*	
Surrogate: 4-Bromofluorobenzene	*117 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 13:48*	

Client Sample ID AB3 15

Lab ID: 9050305-04

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B9E1336	05/13/2019	05/14/2019 00:06	
Surrogate: Octacosane	*92.5 %*	*50 - 150*			B9E1336	05/13/2019	*05/14/2019 00:06*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Benzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Toluene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Chlorobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Ethylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
m+p Xylenes	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
o-Xylene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Styrene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Isopropylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Bromobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
n-Propylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
2-Chlorotoluene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
4-Chlorotoluene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,3,5-Trimethylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
tert-Butylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,2,4-Trimethylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
sec-Butylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,3-Dichlorobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
4-Isopropyltoluene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,4-Dichlorobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,2-Dichlorobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
n-Butylbenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,2,4-Trichlorobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Hexachlorobutadiene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
Naphthalene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	
1,2,3-Trichlorobenzene	ND	5.2	1.86	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 18:58	

Client Sample ID AB3 15

Lab ID: 9050305-04

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*79.7 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 18:58*	
Surrogate: Toluene-d8	*95.8 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 18:58*	
Surrogate: 4-Bromofluorobenzene	*114 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 18:58*	

Client Sample ID AB3 20

Lab ID: 9050305-05

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	B9E1336	05/13/2019	05/14/2019 00:29	
Surrogate: Octacosane	*126 %*	*50 - 150*			B9E1336	05/13/2019	*05/14/2019 00:29*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Benzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Toluene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Chlorobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Ethylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
m+p Xylenes	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
o-Xylene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Styrene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Isopropylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Bromobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
n-Propylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
2-Chlorotoluene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
4-Chlorotoluene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,3,5-Trimethylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
tert-Butylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,2,4-Trimethylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
sec-Butylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,3-Dichlorobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
4-Isopropyltoluene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,4-Dichlorobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,2-Dichlorobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
n-Butylbenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,2,4-Trichlorobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Hexachlorobutadiene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
Naphthalene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	
1,2,3-Trichlorobenzene	ND	4.1	1.37	EPA 5035A-L	B9E1348	05/14/2019	05/14/2019 14:32	

Client Sample ID AB3 20

Lab ID: 9050305-05

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*94.7 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 14:32*	
Surrogate: Toluene-d8	*97.4 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 14:32*	
Surrogate: 4-Bromofluorobenzene	*117 %*		*70 - 130*		B9E1348	05/14/2019	*05/14/2019 14:32*	

QUALITY CONTROL SECTION

Batch B9E1103 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1103-BLK1)					Prepared: 5/11/2019 Analyzed: 5/12/2019				
ETPH	ND	50							
Surrogate: Octacosane					*97.5*	*50 - 150*			
LCS (B9E1103-BS1)					Prepared: 5/11/2019 Analyzed: 5/12/2019				
ETPH	1790	50	1,500.000		119	60 - 120			
Surrogate: Octacosane					*115*	*50 - 150*			

Batch B9E1336 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1336-BLK1)					Prepared: 5/13/2019 Analyzed: 5/13/2019				
ETPH	ND	50							
Surrogate: Octacosane					*122*	*50 - 150*			
LCS (B9E1336-BS1)					Prepared: 5/13/2019 Analyzed: 5/14/2019				
ETPH	1380	50	1,500.000		92.2	60 - 120			
Surrogate: Octacosane					*99.6*	*50 - 150*			
Duplicate (B9E1336-DUP1)		**Source: 9050305-02**			Prepared: 5/13/2019 Analyzed: 5/13/2019				
ETPH	ND	56		ND				30	
Surrogate: Octacosane					*114*	*50 - 150*			
Matrix Spike (B9E1336-MS1)		**Source: 9050305-02**			Prepared: 5/13/2019 Analyzed: 5/14/2019				
ETPH	1630	56	1,679.348	ND	97.3	50 - 150			
Surrogate: Octacosane					*99.0*	*50 - 150*			
Matrix Spike Dup (B9E1336-MSD1)		**Source: 9050305-02**			Prepared: 5/13/2019 Analyzed: 5/14/2019				
ETPH	1910	56	1,687.703	ND	113	50 - 150	15.6	30	
Surrogate: Octacosane					*115*	*50 - 150*			

Batch B9E1348 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1348-BLK1)					Prepared: 5/14/2019 Analyzed: 5/14/2019				
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
Benzene	ND	2.5							
Toluene	ND	2.5							
Chlorobenzene	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Isopropylbenzene	ND	2.5							
Bromobenzene	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*94.0*	*70 - 130*			
Surrogate: Toluene-d8					*98.7*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*117*	*70 - 130*			
LCS (B9E1348-BS1)					Prepared: 5/14/2019 Analyzed: 5/14/2019				
Methyl-t-Butyl Ether (MTBE)	50.7	2.5	50.000		101	70 - 130			
Benzene	45.2	2.5	50.000		90.4	70 - 130			
Toluene	45.5	2.5	50.000		90.9	70 - 130			
Chlorobenzene	46.3	2.5	50.000		92.5	70 - 130			
Ethylbenzene	46.7	2.5	50.000		93.5	70 - 130			
m+p Xylenes	94.7	2.5	100.000		94.7	70 - 130			
o-Xylene	49.7	2.5	50.000		99.4	70 - 130			
Styrene	46.4	2.5	50.000		92.9	70 - 130			
Isopropylbenzene	51.2	2.5	50.000		102	70 - 130			
Bromobenzene	43.5	2.5	50.000		86.9	70 - 130			
n-Propylbenzene	44.6	2.5	50.000		89.2	70 - 130			
2-Chlorotoluene	45.3	2.5	50.000		90.6	70 - 130			
4-Chlorotoluene	45.6	2.5	50.000		91.3	70 - 130			
1,3,5-Trimethylbenzene	46.4	2.5	50.000		92.9	70 - 130			
tert-Butylbenzene	49.4	2.5	50.000		98.8	70 - 130			
1,2,4-Trimethylbenzene	47.5	2.5	50.000		95.0	70 - 130			
sec-Butylbenzene	47.3	2.5	50.000		94.5	70 - 130			
1,3-Dichlorobenzene	50.0	2.5	50.000		99.9	70 - 130			
4-Isopropyltoluene	50.7	2.5	50.000		101	70 - 130			
1,4-Dichlorobenzene	47.0	2.5	50.000		93.9	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E1348-BS1) - Continued					Prepared: 5/14/2019 Analyzed: 5/14/2019				
1,2-Dichlorobenzene	50.6	2.5	50.000		101	70 - 130			
n-Butylbenzene	47.4	2.5	50.000		94.8	70 - 130			
1,2,4-Trichlorobenzene	59.2	2.5	50.000		118	70 - 130			
Hexachlorobutadiene	62.6	2.5	50.000		125	70 - 130			
Naphthalene	55.5	2.5	50.000		111	70 - 130			
1,2,3-Trichlorobenzene	59.0	2.5	50.000		118	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*86.1*	*70 - 130*			
Surrogate: Toluene-d8					*97.0*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*117*	*70 - 130*			

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York NELAP Accreditation 11982
Rhode Island Certification 199

CASE NARRATIVE

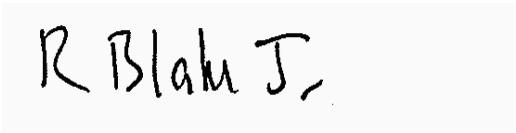
No collection times provided by client on chain of custody for the following samples: 9050305-01 through -05.

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
RL is the Reporting Limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 8260C in Soil	
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
Benzene	CT,NY,PA
Toluene	CT,NY,PA
Chlorobenzene	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA
Isopropylbenzene	CT,NY,PA
Bromobenzene	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA
tert-Butylbenzene	CT,NY,PA
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY,PA
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2020
NY	New York Certification (NELAC)	11982	04/01/2020
PA	Pennsylvania DEP	68-02927	05/31/2019

9050305

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
AB1 20	5/9/19	S					✓		✓		✓															[illegible]	
AB1 30	↓	↓					✓		✓		✓															[illegible]	
AB2 20	↓	↓					✓		✓		✓															[illegible]	
AB3 15	↓	↓					✓		✓		✓															[illegible]	
AB3 20	↓	↓					✓		✓		✓															[illegible]	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH) B=Sodium Bisulfate W=Water (F= Empty Vial) (E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Kristie Ferreira	5/10/19 8:50	[signature]
[signature]	5/10/19 930	[signature] 5/10/19

NOTES:

Client / Reporting Information

Company Name: NorthStar Environmental
Address: 1100 Boston Post Rd Suite B
City: Guilford State: CT Zip: 06437
Report To: E-mail: northstar_environmental@hotmail.com
Phone #: 203 458 3426 Fax #: 458 1597

Project Information

Project: 134 Bilton Rd PO #:
Location: Somers, CT Project #: 180101C
CET Quote #: Collector(s): JAB
QA/QC ☑ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report ☑ PDF ☐ EDD - Specify Format Excel Other
RSR Reporting Limits (check one) ☑ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one) ☑ CT ☐ NY ☐ RI ☐ MA
Temp Upon Receipt 2.6 °C Evidence of Cooling: (Y) N PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 10/16

80 Lupes Drive
Stratford, CT 06615

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Client: Ms. Kristie Ferreira
Northstar Environmental Mgt LLC
1100 Boston Post Road
Guilford, CT 06437

Analytical Report

CET# 9050355

Report Date:May 17, 2019
Project: AB Bilton Rd

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 2.3°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
AB4 15-17ft	9050355-01	Soil	5/10/2019	05/13/2019
AB4 20-22ft	9050355-02	Soil	5/10/2019	05/13/2019
AB5 10-12ft	9050355-03	Soil	5/10/2019	05/13/2019
MW-1	9050355-04	Water	5/10/2019	05/13/2019

Analyte: Percent Solids [SM 2540 G]

Analyst: RAJ

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
9050355-01	AB4 15-17ft	90	1.0	%	1	B9E1444	05/14/2019	05/15/2019 09:58	
9050355-02	AB4 20-22ft	86	1.0	%	1	B9E1444	05/14/2019	05/15/2019 09:58	
9050355-03	AB5 10-12ft	90	1.0	%	1	B9E1444	05/14/2019	05/15/2019 09:58	

Client Sample ID AB4 15-17ft

Lab ID: 9050355-01

Conn. Extractable TPH
Method: CT-ETPH

Analyst: KER
Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B9E1515	05/15/2019	05/17/2019 07:41	
Surrogate: Octacosane	*115 %*	*50 - 150*			B9E1515	05/15/2019	*05/17/2019 07:41*	

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Benzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Toluene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Chlorobenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Ethylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
m+p Xylenes	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
o-Xylene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Styrene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Isopropylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
Bromobenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
n-Propylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
2-Chlorotoluene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
4-Chlorotoluene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,3,5-Trimethylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
tert-Butylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,2,4-Trimethylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
sec-Butylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,3-Dichlorobenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
4-Isopropyltoluene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,4-Dichlorobenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,2-Dichlorobenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
n-Butylbenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,2,4-Trichlorobenzene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	*C2
Hexachlorobutadiene	ND	3.7	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	*F2
Naphthalene	ND	7.4	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	
1,2,3-Trichlorobenzene	ND	7.4	1.34	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:03	

Client Sample ID AB4 15-17ft

Lab ID: 9050355-01

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*96.8 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:03*	
Surrogate: Toluene-d8	*95.2 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:03*	
Surrogate: 4-Bromofluorobenzene	*102 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:03*	

Client Sample ID AB4 20-22ft

Lab ID: 9050355-02

Conn. Extractable TPH
Method: CT-ETPH

Analyst: KER
Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	B9E1515	05/15/2019	05/17/2019 08:04	
Surrogate: Octacosane	*101 %*	*50 - 150*			B9E1515	05/15/2019	*05/17/2019 08:04*	

Volatile Organics
Method: EPA 8260C

Analyst: TWF
Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Benzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Toluene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Chlorobenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Ethylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
m+p Xylenes	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
o-Xylene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Styrene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Isopropylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
Bromobenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
n-Propylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
2-Chlorotoluene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
4-Chlorotoluene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,3,5-Trimethylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
tert-Butylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,2,4-Trimethylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
sec-Butylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,3-Dichlorobenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
4-Isopropyltoluene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,4-Dichlorobenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,2-Dichlorobenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
n-Butylbenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,2,4-Trichlorobenzene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	*C2
Hexachlorobutadiene	ND	3.7	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	*F2
Naphthalene	ND	7.3	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	
1,2,3-Trichlorobenzene	ND	7.3	1.27	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:24	

Client Sample ID AB4 20-22ft

Lab ID: 9050355-02

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*99.7 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:24*	
Surrogate: Toluene-d8	*97.2 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:24*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:24*	

Client Sample ID AB5 10-12ft

Lab ID: 9050355-03

Conn. Extractable TPH
Method: CT-ETPH

Analyst: KER

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B9E1515	05/15/2019	05/17/2019 08:27	
Surrogate: Octacosane	*116 %*	*50 - 150*			B9E1515	05/15/2019	*05/17/2019 08:27*	

Volatile Organics
Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Benzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Toluene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Chlorobenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Ethylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
m+p Xylenes	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
o-Xylene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Styrene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Isopropylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
Bromobenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
n-Propylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
2-Chlorotoluene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
4-Chlorotoluene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,3,5-Trimethylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
tert-Butylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,2,4-Trimethylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
sec-Butylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,3-Dichlorobenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
4-Isopropyltoluene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,4-Dichlorobenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,2-Dichlorobenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
n-Butylbenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,2,4-Trichlorobenzene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	*C2
Hexachlorobutadiene	ND	4.1	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	*F2
Naphthalene	ND	8.2	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	
1,2,3-Trichlorobenzene	ND	8.2	1.48	EPA 5035A-L	B9E1446	05/14/2019	05/14/2019 14:46	

Client Sample ID AB5 10-12ft

Lab ID: 9050355-03

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*94.0 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:46*	
Surrogate: Toluene-d8	*96.3 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:46*	
Surrogate: 4-Bromofluorobenzene	*103 %*		*70 - 130*		B9E1446	05/14/2019	*05/14/2019 14:46*	

Client Sample ID MW-1

Lab ID: 9050355-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Benzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Toluene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Chlorobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Ethylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
m+p Xylenes	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
o-Xylene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Styrene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Bromobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Naphthalene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B9E1535	05/15/2019	05/15/2019 18:42	
Surrogate: 1,2-Dichloroethane-d4	*93.1 %*		*70 - 130*		B9E1535	05/15/2019	*05/15/2019 18:42*	
Surrogate: Toluene-d8	*102 %*		*70 - 130*		B9E1535	05/15/2019	*05/15/2019 18:42*	
Surrogate: 4-Bromofluorobenzene	*98.6 %*		*70 - 130*		B9E1535	05/15/2019	*05/15/2019 18:42*	

QUALITY CONTROL SECTION

Batch B9E1446 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1446-BLK1)					Prepared: 5/14/2019 Analyzed: 5/14/2019				
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
Benzene	ND	2.5							
Toluene	ND	2.5							
Chlorobenzene	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Isopropylbenzene	ND	2.5							
Bromobenzene	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	5.0							
1,2,3-Trichlorobenzene	ND	5.0							
Surrogate: 1,2-Dichloroethane-d4					*83.5*	*70 - 130*			
Surrogate: Toluene-d8					*95.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.9*	*70 - 130*			
LCS (B9E1446-BS1)					Prepared: 5/14/2019 Analyzed: 5/14/2019				
Methyl-t-Butyl Ether (MTBE)	49.1	2.5	50.000		98.1	70 - 130			
Benzene	58.5	2.5	50.000		117	70 - 130			
Toluene	58.5	2.5	50.000		117	70 - 130			
Chlorobenzene	58.5	2.5	50.000		117	70 - 130			
Ethylbenzene	59.8	2.5	50.000		120	70 - 130			
m+p Xylenes	124	2.5	100.000		124	70 - 130			
o-Xylene	58.6	2.5	50.000		117	70 - 130			
Styrene	58.7	2.5	50.000		117	70 - 130			
Isopropylbenzene	63.9	2.5	50.000		128	70 - 130			
Bromobenzene	52.6	2.5	50.000		105	70 - 130			
n-Propylbenzene	60.0	2.5	50.000		120	70 - 130			
2-Chlorotoluene	56.9	2.5	50.000		114	70 - 130			
4-Chlorotoluene	57.1	2.5	50.000		114	70 - 130			
1,3,5-Trimethylbenzene	59.5	2.5	50.000		119	70 - 130			
tert-Butylbenzene	61.6	2.5	50.000		123	70 - 130			
1,2,4-Trimethylbenzene	57.8	2.5	50.000		116	70 - 130			
sec-Butylbenzene	63.9	2.5	50.000		128	70 - 130			
1,3-Dichlorobenzene	57.7	2.5	50.000		115	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E1446-BS1) - Continued					Prepared: 5/14/2019 Analyzed: 5/14/2019				
4-Isopropyltoluene	63.3	2.5	50.000		127	70 - 130			
1,4-Dichlorobenzene	56.4	2.5	50.000		113	70 - 130			
1,2-Dichlorobenzene	55.2	2.5	50.000		110	70 - 130			
n-Butylbenzene	63.5	2.5	50.000		127	70 - 130			
1,2,4-Trichlorobenzene	59.6	2.5	50.000		119	70 - 130			
Hexachlorobutadiene	66.3	2.5	50.000		**133**	70 - 130			**H**
Naphthalene	54.6	5.0	50.000		109	70 - 130			
1,2,3-Trichlorobenzene	55.1	5.0	50.000		110	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*89.1*	*70 - 130*			
Surrogate: Toluene-d8					*96.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*104*	*70 - 130*			

Batch B9E1515 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1515-BLK1)					Prepared: 5/15/2019 Analyzed: 5/15/2019				
ETPH	ND	50							
Surrogate: Octacosane					*101*	*50 - 150*			
LCS (B9E1515-BS1)					Prepared: 5/15/2019 Analyzed: 5/15/2019				
ETPH	1640	50	1,500.000		109	60 - 120			
Surrogate: Octacosane					*114*	*50 - 150*			

Batch B9E1535 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1535-BLK1)					Prepared: 5/15/2019 Analyzed: 5/15/2019				
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
Benzene	ND	1.0							
Toluene	ND	1.0							
Chlorobenzene	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Isopropylbenzene	ND	1.0							
Bromobenzene	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*86.4*	*70 - 130*			
Surrogate: Toluene-d8					*98.6*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*114*	*70 - 130*			
LCS (B9E1535-BS1)					Prepared: 5/15/2019 Analyzed: 5/15/2019				
Methyl-t-Butyl Ether (MTBE)	43.1	5.0	50.000		86.1	70 - 130			
Benzene	47.2	1.0	50.000		94.4	70 - 130			
Toluene	47.8	1.0	50.000		95.5	70 - 130			
Chlorobenzene	47.6	1.0	50.000		95.3	70 - 130			
Ethylbenzene	47.9	1.0	50.000		95.7	70 - 130			
m+p Xylenes	93.6	1.0	100.000		93.6	70 - 130			
o-Xylene	48.4	1.0	50.000		96.9	70 - 130			
Styrene	49.2	1.0	50.000		98.3	70 - 130			
Isopropylbenzene	49.3	1.0	50.000		98.7	70 - 130			
Bromobenzene	46.1	1.0	50.000		92.2	70 - 130			
n-Propylbenzene	48.2	1.0	50.000		96.3	70 - 130			
2-Chlorotoluene	47.5	1.0	50.000		94.9	70 - 130			
4-Chlorotoluene	48.4	1.0	50.000		96.8	70 - 130			
1,3,5-Trimethylbenzene	47.0	1.0	50.000		94.0	70 - 130			
tert-Butylbenzene	46.8	1.0	50.000		93.5	70 - 130			
1,2,4-Trimethylbenzene	48.2	1.0	50.000		96.4	70 - 130			
sec-Butylbenzene	46.7	1.0	50.000		93.4	70 - 130			
1,3-Dichlorobenzene	48.7	1.0	50.000		97.3	70 - 130			
4-Isopropyltoluene	48.5	1.0	50.000		97.0	70 - 130			
1,4-Dichlorobenzene	47.7	1.0	50.000		95.4	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E1535-BS1) - Continued					Prepared: 5/15/2019 Analyzed: 5/15/2019				
1,2-Dichlorobenzene	48.2	1.0	50.000		96.4	70 - 130			
n-Butylbenzene	47.7	1.0	50.000		95.3	70 - 130			
1,2,4-Trichlorobenzene	46.5	1.0	50.000		93.0	70 - 130			
Hexachlorobutadiene	47.0	0.45	50.000		94.0	70 - 130			
Naphthalene	46.8	1.0	50.000		93.5	70 - 130			
1,2,3-Trichlorobenzene	46.5	1.0	50.000		92.9	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*79.1*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*108*	*70 - 130*			

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York NELAP Accreditation 11982
Rhode Island Certification 199

CASE NARRATIVE

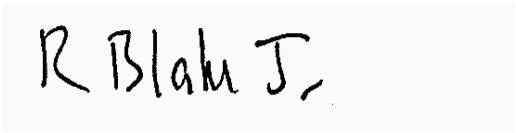
No collection times provided by client on chain of custody for the following samples: 9050355-01 through -04.

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
RL is the Reporting Limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 8260C in Soil	
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
Benzene	CT,NY,PA
Toluene	CT,NY,PA
Chlorobenzene	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA
Isopropylbenzene	CT,NY,PA
Bromobenzene	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA
tert-Butylbenzene	CT,NY,PA
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY,PA
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
EPA 8260C in Water	
Methyl-t-Butyl Ether (MTBE)	CT,NY
Benzene	CT,NY
Toluene	CT,NY
Chlorobenzene	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Isopropylbenzene	CT,NY
Bromobenzene	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Water	
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT,NY
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2020
NY	New York Certification (NELAC)	11982	04/01/2020
PA	Pennsylvania DEP	68-02927	05/31/2020

9050355

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Additional Analysis: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs ☐ SOX ☐ ASE, Pesticides

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Std (5-7 Days)	8260 Aromatics	CT ETPH	TOTAL # OF CONT.	NOTE #
AB 4 15-17	5/10/19	S	✓	✓	✓	5	
AB 4 20-22	"	S	✓	✓	✓	5	
AB 5 10-12	"	S	✓	✓	✓	4	
MW-1	"	W	✓	✓		3	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Kristie Ferreira	5/13/19 2:45	
	5/13/19 1000	

NOTES:

Client / Reporting Information

Company Name: North Star Environ Mgt
Address:
City: State: Zip:
Report To: E-mail:
Phone #: Fax #:

Project Information

Project: PO #:
Location: Project #:
CET Quote #: Collector(s):

QA/QC: ☑ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☑ PDF ☐ EDD - Specify Format xcell Other

RSR Reporting Limits (check one): ☑ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one): ☑ CT ☐ NY ☐ RI ☐ MA

Temp Upon Receipt 2.3 °C Evidence of Cooling: (Y) N

PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 10/16

80 Lupes Drive
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Client: Ms. Kristie Ferreira
Northstar Environmental Mgt LLC
1100 Boston Post Road
Guilford, CT 06437

Analytical Report

CET# 9050382

Report Date:May 22, 2019
Project: 180101C, 134 Bilton Rd, Somers

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 3.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
AB5 15-17ft	9050382-01	Soil	5/13/2019	05/14/2019
AB6 15-17ft	9050382-02	Soil	5/13/2019	05/14/2019
AB6 24-26ft	9050382-03	Soil	5/13/2019	05/14/2019
MW-2	9050382-04	Water	5/13/2019	05/14/2019
Dug Well	9050382-05	Drinking Water	5/13/2019	05/14/2019

Analyte: Percent Solids [SM 2540 G]

Analyst: KRG

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
9050382-01	AB5 15-17ft	90	1.0	%	1	B9E1518	05/15/2019	05/15/2019 03:45	
9050382-02	AB6 15-17ft	90	1.0	%	1	B9E1518	05/15/2019	05/15/2019 03:45	
9050382-03	AB6 24-26ft	90	1.0	%	1	B9E1518	05/15/2019	05/15/2019 03:45	

Analyte: No Tentatively Identified Compounds [EPA 524.2 TICs]

Analyst: TWF

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
9050382-05	Dug Well	ND	2.0	ug/L	1	B9E2145	05/21/2019	05/21/2019 14:11	

Client Sample ID AB5 15-17ft

Lab ID: 9050382-01

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Benzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Toluene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Chlorobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Ethylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
m+p Xylenes	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
o-Xylene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Styrene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Isopropylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Bromobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
n-Propylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
2-Chlorotoluene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
4-Chlorotoluene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,3,5-Trimethylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
tert-Butylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,2,4-Trimethylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
sec-Butylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,3-Dichlorobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
4-Isopropyltoluene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,4-Dichlorobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,2-Dichlorobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
n-Butylbenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,2,4-Trichlorobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Hexachlorobutadiene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Naphthalene	**7.8**	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
1,2,3-Trichlorobenzene	ND	3.7	1.33	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:15	
Surrogate: 1,2-Dichloroethane-d4	*110 %*		*70 - 130*		B9E1750	05/17/2019	*05/17/2019 15:15*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B9E1750	05/17/2019	*05/17/2019 15:15*	
Surrogate: 4-Bromofluorobenzene	*106 %*		*70 - 130*		B9E1750	05/17/2019	*05/17/2019 15:15*	

Client Sample ID AB6 15-17ft

Lab ID: 9050382-02

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B9E1623	05/16/2019	05/18/2019 07:22	
Surrogate: Octacosane	*108 %*	*50 - 150*			B9E1623	05/16/2019	*05/18/2019 07:22*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Benzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Toluene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Chlorobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Ethylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
m+p Xylenes	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
o-Xylene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Styrene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Isopropylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Bromobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
n-Propylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
2-Chlorotoluene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
4-Chlorotoluene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,3,5-Trimethylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
tert-Butylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,2,4-Trimethylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
sec-Butylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,3-Dichlorobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
4-Isopropyltoluene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,4-Dichlorobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,2-Dichlorobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
n-Butylbenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,2,4-Trichlorobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Hexachlorobutadiene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
Naphthalene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	
1,2,3-Trichlorobenzene	ND	3.3	1.2	EPA 5035A-L	B9E1750	05/17/2019	05/17/2019 15:38	

Client Sample ID AB6 15-17ft

Lab ID: 9050382-02

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*109 %*		*70 - 130*		B9E1750	05/17/2019	*05/17/2019 15:38*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B9E1750	05/17/2019	*05/17/2019 15:38*	
Surrogate: 4-Bromofluorobenzene	*106 %*		*70 - 130*		B9E1750	05/17/2019	*05/17/2019 15:38*	

Client Sample ID AB6 24-26ft

Lab ID: 9050382-03

Conn. Extractable TPH **Analyst: KER**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	55	1	EPA 3550C	B9E1623	05/16/2019	05/18/2019 07:45	
Surrogate: Octacosane	*111 %*	*50 - 150*			B9E1623	05/16/2019	*05/18/2019 07:45*	

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Benzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Toluene	**9.5**	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Chlorobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Ethylbenzene	**4.9**	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
m+p Xylenes	**15**	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
o-Xylene	**3.5**	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Styrene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Isopropylbenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Bromobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
n-Propylbenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
2-Chlorotoluene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
4-Chlorotoluene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,3,5-Trimethylbenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
tert-Butylbenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,2,4-Trimethylbenzene	**4.1**	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
sec-Butylbenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,3-Dichlorobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
4-Isopropyltoluene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,4-Dichlorobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,2-Dichlorobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
n-Butylbenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,2,4-Trichlorobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Hexachlorobutadiene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
Naphthalene	**4.0**	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	
1,2,3-Trichlorobenzene	ND	3.5	1.24	EPA 5035A-L	B9E2149	05/21/2019	05/21/2019 16:09	

Client Sample ID AB6 24-26ft

Lab ID: 9050382-03

Volatile Organics **Analyst: ALM**

Method: EPA 8260C **Matrix: Soil**

Analyte	Result (ug/kg)	RL (ug/kg)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: 1,2-Dichloroethane-d4	*98.3 %*		*70 - 130*		B9E2149	05/21/2019	*05/21/2019 16:09*	
Surrogate: Toluene-d8	*95.6 %*		*70 - 130*		B9E2149	05/21/2019	*05/21/2019 16:09*	
Surrogate: 4-Bromofluorobenzene	*101 %*		*70 - 130*		B9E2149	05/21/2019	*05/21/2019 16:09*	

Client Sample ID MW-2

Lab ID: 9050382-04

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Benzene	**840**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
Toluene	**1900**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
Chlorobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Ethylbenzene	**590**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
m+p Xylenes	**1700**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
o-Xylene	**620**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
Styrene	**26**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Isopropylbenzene	**110**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Bromobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
n-Propylbenzene	**240**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
1,3,5-Trimethylbenzene	**380**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
1,2,4-Trimethylbenzene	**500**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E
sec-Butylbenzene	**12**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
4-Isopropyltoluene	**6.3**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
n-Butylbenzene	**24**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Naphthalene	**370**	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	E*C2
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B9E1633	05/16/2019	05/16/2019 17:23	
Surrogate: 1,2-Dichloroethane-d4	*99.4 %*		*70 - 130*		B9E1633	05/16/2019	*05/16/2019 17:23*	
Surrogate: Toluene-d8	*125 %*		*70 - 130*		B9E1633	05/16/2019	*05/16/2019 17:23*	
Surrogate: 4-Bromofluorobenzene	*109 %*		*70 - 130*		B9E1633	05/16/2019	*05/16/2019 17:23*	

Client Sample ID MW-2

Lab ID: 9050382-04RE1(Dilution)

Volatile Organics **Analyst: TWF**

Method: EPA 8260C **Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1000	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Benzene	**1000**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Toluene	**22000**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Chlorobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Ethylbenzene	**3500**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
m+p Xylenes	**13000**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
o-Xylene	**2400**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Styrene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Isopropylbenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Bromobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
n-Propylbenzene	**320**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
2-Chlorotoluene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
4-Chlorotoluene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,3,5-Trimethylbenzene	**740**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
tert-Butylbenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,2,4-Trimethylbenzene	**2400**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
sec-Butylbenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,3-Dichlorobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
4-Isopropyltoluene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,4-Dichlorobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,2-Dichlorobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
n-Butylbenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,2,4-Trichlorobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Hexachlorobutadiene	ND	90	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Naphthalene	**1100**	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
1,2,3-Trichlorobenzene	ND	200	200	EPA 5030C	B9E2035	05/17/2019	05/17/2019 16:38	
Surrogate: 1,2-Dichloroethane-d4	*97.8 %*		*70 - 130*		B9E2035	05/17/2019	*05/17/2019 16:38*	
Surrogate: Toluene-d8	*101 %*		*70 - 130*		B9E2035	05/17/2019	*05/17/2019 16:38*	
Surrogate: 4-Bromofluorobenzene	*104 %*		*70 - 130*		B9E2035	05/17/2019	*05/17/2019 16:38*	

Client Sample ID Dug Well

Lab ID: 9050382-05

Volatile Organics by 524.2

Analyst: TWF

Method: EPA 524.2

Matrix: Drinking Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Benzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Toluene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Chlorobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Ethylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
m+p Xylenes	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
o-Xylene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Styrene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Isopropylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Bromobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
n-Propylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
2-Chlorotoluene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
4-Chlorotoluene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,3,5-Trimethylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
tert-Butylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,2,4-Trimethylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
sec-Butylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,3-Dichlorobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
4-Isopropyltoluene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,4-Dichlorobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,2-Dichlorobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
n-Butylbenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,2,4-Trichlorobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Hexachlorobutadiene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Naphthalene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
1,2,3-Trichlorobenzene	ND	0.50	1	EPA 5030C	B9E2145	05/21/2019	05/21/2019 14:11	
Surrogate: 1,2-Dichloroethane-d4	*104 %*		*70 - 130*		B9E2145	05/21/2019	*05/21/2019 14:11*	
Surrogate: Toluene-d8	*96.6 %*		*70 - 130*		B9E2145	05/21/2019	*05/21/2019 14:11*	
Surrogate: 4-Bromofluorobenzene	*95.9 %*		*70 - 130*		B9E2145	05/21/2019	*05/21/2019 14:11*	

QUALITY CONTROL SECTION

Batch B9E1623 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1623-BLK1)					Prepared: 5/16/2019 Analyzed: 5/16/2019				
ETPH	ND	50							
Surrogate: Octacosane					*108*	*50 - 150*			
LCS (B9E1623-BS1)					Prepared: 5/16/2019 Analyzed: 5/16/2019				
ETPH	1450	50	1,500.000		96.5	60 - 120			
Surrogate: Octacosane					*96.5*	*50 - 150*			

Batch B9E1633 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1633-BLK1)					Prepared: 5/16/2019 Analyzed: 5/16/2019				
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
Benzene	ND	1.0							
Toluene	ND	1.0							
Chlorobenzene	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Isopropylbenzene	ND	1.0							
Bromobenzene	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*102*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.4*	*70 - 130*			
LCS (B9E1633-BS1)					Prepared: 5/16/2019 Analyzed: 5/16/2019				
Methyl-t-Butyl Ether (MTBE)	55.8	5.0	50.000		112	70 - 130			
Benzene	54.2	1.0	50.000		108	70 - 130			
Toluene	54.1	1.0	50.000		108	70 - 130			
Chlorobenzene	53.2	1.0	50.000		106	70 - 130			
Ethylbenzene	56.1	1.0	50.000		112	70 - 130			
m+p Xylenes	110	1.0	100.000		110	70 - 130			
o-Xylene	56.3	1.0	50.000		113	70 - 130			
Styrene	57.0	1.0	50.000		114	70 - 130			
Isopropylbenzene	59.4	1.0	50.000		119	70 - 130			
Bromobenzene	54.4	1.0	50.000		109	70 - 130			
n-Propylbenzene	58.9	1.0	50.000		118	70 - 130			
2-Chlorotoluene	55.3	1.0	50.000		111	70 - 130			
4-Chlorotoluene	56.3	1.0	50.000		113	70 - 130			
1,3,5-Trimethylbenzene	57.5	1.0	50.000		115	70 - 130			
tert-Butylbenzene	55.0	1.0	50.000		110	70 - 130			
1,2,4-Trimethylbenzene	57.0	1.0	50.000		114	70 - 130			
sec-Butylbenzene	57.5	1.0	50.000		115	70 - 130			
1,3-Dichlorobenzene	54.4	1.0	50.000		109	70 - 130			
4-Isopropyltoluene	58.1	1.0	50.000		116	70 - 130			
1,4-Dichlorobenzene	53.7	1.0	50.000		107	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E1633-BS1) - Continued					Prepared: 5/16/2019 Analyzed: 5/16/2019				
1,2-Dichlorobenzene	54.3	1.0	50.000		109	70 - 130			
n-Butylbenzene	58.0	1.0	50.000		116	70 - 130			
1,2,4-Trichlorobenzene	48.8	1.0	50.000		97.6	70 - 130			
Hexachlorobutadiene	47.4	0.45	50.000		94.9	70 - 130			
Naphthalene	46.4	1.0	50.000		92.7	70 - 130			
1,2,3-Trichlorobenzene	43.6	1.0	50.000		87.1	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*104*	*70 - 130*			
Surrogate: Toluene-d8					*101*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			

Batch B9E1750 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E1750-BLK1)					Prepared: 5/17/2019 Analyzed: 5/17/2019				
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
Benzene	ND	2.5							
Toluene	ND	2.5							
Chlorobenzene	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Isopropylbenzene	ND	2.5							
Bromobenzene	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*106*	*70 - 130*			
Surrogate: Toluene-d8					*97.6*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*108*	*70 - 130*			
LCS (B9E1750-BS1)					Prepared: 5/17/2019 Analyzed: 5/17/2019				
Methyl-t-Butyl Ether (MTBE)	52.5	2.5	50.000		105	70 - 130			
Benzene	48.8	2.5	50.000		97.6	70 - 130			
Toluene	50.5	2.5	50.000		101	70 - 130			
Chlorobenzene	49.5	2.5	50.000		98.9	70 - 130			
Ethylbenzene	50.5	2.5	50.000		101	70 - 130			
m+p Xylenes	104	2.5	100.000		104	70 - 130			
o-Xylene	50.8	2.5	50.000		102	70 - 130			
Styrene	50.5	2.5	50.000		101	70 - 130			
Isopropylbenzene	51.4	2.5	50.000		103	70 - 130			
Bromobenzene	46.3	2.5	50.000		92.6	70 - 130			
n-Propylbenzene	48.4	2.5	50.000		96.9	70 - 130			
2-Chlorotoluene	48.3	2.5	50.000		96.6	70 - 130			
4-Chlorotoluene	48.2	2.5	50.000		96.4	70 - 130			
1,3,5-Trimethylbenzene	49.2	2.5	50.000		98.4	70 - 130			
tert-Butylbenzene	48.9	2.5	50.000		97.7	70 - 130			
1,2,4-Trimethylbenzene	48.9	2.5	50.000		97.8	70 - 130			
sec-Butylbenzene	47.5	2.5	50.000		95.0	70 - 130			
1,3-Dichlorobenzene	48.5	2.5	50.000		97.0	70 - 130			
4-Isopropyltoluene	48.6	2.5	50.000		97.2	70 - 130			
1,4-Dichlorobenzene	48.0	2.5	50.000		96.0	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E1750-BS1) - Continued					Prepared: 5/17/2019 Analyzed: 5/17/2019				
1,2-Dichlorobenzene	48.0	2.5	50.000		96.0	70 - 130			
n-Butylbenzene	46.3	2.5	50.000		92.6	70 - 130			
1,2,4-Trichlorobenzene	48.2	2.5	50.000		96.3	70 - 130			
Hexachlorobutadiene	45.8	2.5	50.000		91.6	70 - 130			
Naphthalene	47.1	2.5	50.000		94.2	70 - 130			
1,2,3-Trichlorobenzene	47.4	2.5	50.000		94.8	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*99.0*	*70 - 130*			
Surrogate: Toluene-d8					*98.5*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*111*	*70 - 130*			

Batch B9E2035 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E2035-BLK1)					Prepared: 5/17/2019 Analyzed: 5/17/2019				
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
Benzene	ND	1.0							
Toluene	ND	1.0							
Chlorobenzene	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Isopropylbenzene	ND	1.0							
Bromobenzene	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
Surrogate: 1,2-Dichloroethane-d4					*102*	*70 - 130*			
Surrogate: Toluene-d8					*103*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.2*	*70 - 130*			
LCS (B9E2035-BS1)					Prepared: 5/17/2019 Analyzed: 5/17/2019				
Methyl-t-Butyl Ether (MTBE)	56.2	5.0	50.000		112	70 - 130			
Benzene	56.1	1.0	50.000		112	70 - 130			
Toluene	55.9	1.0	50.000		112	70 - 130			
Chlorobenzene	55.8	1.0	50.000		112	70 - 130			
Ethylbenzene	57.5	1.0	50.000		115	70 - 130			
m+p Xylenes	115	1.0	100.000		115	70 - 130			
o-Xylene	58.3	1.0	50.000		117	70 - 130			
Styrene	58.6	1.0	50.000		117	70 - 130			
Isopropylbenzene	60.1	1.0	50.000		120	70 - 130			
Bromobenzene	55.2	1.0	50.000		110	70 - 130			
n-Propylbenzene	59.5	1.0	50.000		119	70 - 130			
2-Chlorotoluene	56.3	1.0	50.000		113	70 - 130			
4-Chlorotoluene	56.6	1.0	50.000		113	70 - 130			
1,3,5-Trimethylbenzene	58.7	1.0	50.000		117	70 - 130			
tert-Butylbenzene	55.7	1.0	50.000		111	70 - 130			
1,2,4-Trimethylbenzene	57.9	1.0	50.000		116	70 - 130			
sec-Butylbenzene	57.6	1.0	50.000		115	70 - 130			
1,3-Dichlorobenzene	54.7	1.0	50.000		109	70 - 130			
4-Isopropyltoluene	58.7	1.0	50.000		117	70 - 130			
1,4-Dichlorobenzene	53.6	1.0	50.000		107	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E2035-BS1) - Continued					Prepared: 5/17/2019 Analyzed: 5/17/2019				
1,2-Dichlorobenzene	55.4	1.0	50.000		111	70 - 130			
n-Butylbenzene	57.2	1.0	50.000		114	70 - 130			
1,2,4-Trichlorobenzene	49.3	1.0	50.000		98.6	70 - 130			
Hexachlorobutadiene	48.3	0.45	50.000		96.6	70 - 130			
Naphthalene	48.4	1.0	50.000		96.9	70 - 130			
1,2,3-Trichlorobenzene	45.5	1.0	50.000		91.0	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*101*	*70 - 130*			
Surrogate: Toluene-d8					*99.8*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*98.9*	*70 - 130*			

Batch B9E2145 - EPA 524.2 TICs

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E2145-BLK1)					Prepared: 5/21/2019 Analyzed: 5/21/2019				
No Tentatively Identified Compounds	ND	2.0							
Methyl-t-Butyl Ether (MTBE)	ND	1.0							
Benzene	ND	0.50							
Toluene	ND	0.50							
Chlorobenzene	ND	0.50							
Ethylbenzene	ND	0.50							
m+p Xylenes	ND	0.50							
o-Xylene	ND	0.50							
Styrene	ND	0.50							
Isopropylbenzene	ND	0.50							
Bromobenzene	ND	0.50							
n-Propylbenzene	ND	0.50							
2-Chlorotoluene	ND	0.50							
4-Chlorotoluene	ND	0.50							
1,3,5-Trimethylbenzene	ND	0.50							
tert-Butylbenzene	ND	0.50							
1,2,4-Trimethylbenzene	ND	0.50							
sec-Butylbenzene	ND	0.50							
1,3-Dichlorobenzene	ND	0.50							
4-Isopropyltoluene	ND	0.50							
1,4-Dichlorobenzene	ND	0.50							
1,2-Dichlorobenzene	ND	0.50							
n-Butylbenzene	ND	0.50							
1,2,4-Trichlorobenzene	ND	0.50							
Hexachlorobutadiene	ND	0.50							
Naphthalene	ND	0.50							
1,2,3-Trichlorobenzene	ND	0.50							
Surrogate: 1,2-Dichloroethane-d4					*78.4*	*70 - 130*			
Surrogate: Toluene-d8					*107*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*109*	*70 - 130*			
LCS (B9E2145-BS1)					Prepared: 5/21/2019 Analyzed: 5/21/2019				
Methyl-t-Butyl Ether (MTBE)	29.3	1.0	30.000		97.7	70 - 130			
Benzene	33.6	0.50	30.000		112	70 - 130			
Toluene	34.1	0.50	30.000		114	70 - 130			
Chlorobenzene	33.6	0.50	30.000		112	70 - 130			
Ethylbenzene	33.1	0.50	30.000		110	70 - 130			
m+p Xylenes	68.7	0.50	60.000		115	70 - 130			
o-Xylene	33.3	0.50	30.000		111	70 - 130			
Styrene	34.0	0.50	30.000		113	70 - 130			
Isopropylbenzene	34.3	0.50	30.000		114	70 - 130			
Bromobenzene	34.1	0.50	30.000		114	70 - 130			
n-Propylbenzene	34.9	0.50	30.000		116	70 - 130			
2-Chlorotoluene	33.9	0.50	30.000		113	70 - 130			
4-Chlorotoluene	33.7	0.50	30.000		112	70 - 130			
1,3,5-Trimethylbenzene	35.4	0.50	30.000		118	70 - 130			
tert-Butylbenzene	34.2	0.50	30.000		114	70 - 130			
1,2,4-Trimethylbenzene	34.4	0.50	30.000		115	70 - 130			
sec-Butylbenzene	34.1	0.50	30.000		114	70 - 130			
1,3-Dichlorobenzene	33.3	0.50	30.000		111	70 - 130			
4-Isopropyltoluene	34.6	0.50	30.000		115	70 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E2145-BS1) - Continued					Prepared: 5/21/2019 Analyzed: 5/21/2019				
1,4-Dichlorobenzene	34.4	0.50	30.000		115	70 - 130			
1,2-Dichlorobenzene	34.7	0.50	30.000		116	70 - 130			
n-Butylbenzene	33.9	0.50	30.000		113	70 - 130			
1,2,4-Trichlorobenzene	35.8	0.50	30.000		119	70 - 130			
Hexachlorobutadiene	34.5	0.50	30.000		115	70 - 130			
Naphthalene	35.0	0.50	30.000		117	70 - 130			
1,2,3-Trichlorobenzene	34.8	0.50	30.000		116	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*97.5*	*70 - 130*			
Surrogate: Toluene-d8					*99.9*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*99.0*	*70 - 130*			

Batch B9E2149 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B9E2149-BLK1)					Prepared: 5/21/2019 Analyzed: 5/21/2019				
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
Benzene	ND	2.5							
Toluene	ND	2.5							
Chlorobenzene	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Isopropylbenzene	ND	2.5							
Bromobenzene	ND	2.5							
n-Propylbenzene	ND	2.5							
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
Surrogate: 1,2-Dichloroethane-d4					*99.9*	*70 - 130*			
Surrogate: Toluene-d8					*97.3*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*101*	*70 - 130*			
LCS (B9E2149-BS1)					Prepared: 5/21/2019 Analyzed: 5/21/2019				
Methyl-t-Butyl Ether (MTBE)	60.7	2.5	50.000		121	70 - 130			
Benzene	56.5	2.5	50.000		113	70 - 130			
Toluene	58.9	2.5	50.000		118	70 - 130			
Chlorobenzene	60.7	2.5	50.000		121	70 - 130			
Ethylbenzene	59.4	2.5	50.000		119	70 - 130			
m+p Xylenes	126	2.5	100.000		126	70 - 130			
o-Xylene	61.3	2.5	50.000		123	70 - 130			
Styrene	63.2	2.5	50.000		126	70 - 130			
Isopropylbenzene	60.9	2.5	50.000		122	70 - 130			
Bromobenzene	56.8	2.5	50.000		114	70 - 130			
n-Propylbenzene	57.4	2.5	50.000		115	70 - 130			
2-Chlorotoluene	57.4	2.5	50.000		115	70 - 130			
4-Chlorotoluene	57.3	2.5	50.000		115	70 - 130			
1,3,5-Trimethylbenzene	59.3	2.5	50.000		119	70 - 130			
tert-Butylbenzene	58.6	2.5	50.000		117	70 - 130			
1,2,4-Trimethylbenzene	59.1	2.5	50.000		118	70 - 130			
sec-Butylbenzene	57.9	2.5	50.000		116	70 - 130			
1,3-Dichlorobenzene	59.3	2.5	50.000		119	70 - 130			
4-Isopropyltoluene	60.1	2.5	50.000		120	70 - 130			
1,4-Dichlorobenzene	58.9	2.5	50.000		118	70 - 130			

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B9E2149-BS1) - Continued					Prepared: 5/21/2019 Analyzed: 5/21/2019				
1,2-Dichlorobenzene	59.3	2.5	50.000		119	70 - 130			
n-Butylbenzene	59.3	2.5	50.000		119	70 - 130			
1,2,4-Trichlorobenzene	64.1	2.5	50.000		128	70 - 130			
Hexachlorobutadiene	62.8	2.5	50.000		126	70 - 130			
Naphthalene	61.4	2.5	50.000		123	70 - 130			
1,2,3-Trichlorobenzene	62.7	2.5	50.000		125	70 - 130			
Surrogate: 1,2-Dichloroethane-d4					*103*	*70 - 130*			
Surrogate: Toluene-d8					*98.4*	*70 - 130*			
Surrogate: 4-Bromofluorobenzene					*103*	*70 - 130*			

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COMPLETE ENVIRONMENTAL TESTING, INC.

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Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York NELAP Accreditation 11982
Rhode Island Certification 199

CASE NARRATIVE

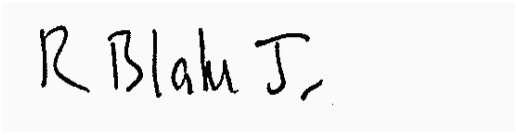
No collection times provided by client on chain of custody for the following samples: 9050382-01 through -05.

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
RL is the Reporting Limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 524.2 in Water	
Methyl-t-Butyl Ether (MTBE)	CT,MA,RI
Benzene	CT,MA,RI
Toluene	CT,MA,RI
Chlorobenzene	CT,MA,RI
Ethylbenzene	CT,MA,RI
m+p Xylenes	CT,MA,RI
o-Xylene	CT,MA,RI
Styrene	CT,MA,RI
Isopropylbenzene	CT,MA,RI
Bromobenzene	CT,MA,RI
n-Propylbenzene	CT,MA,RI
2-Chlorotoluene	CT,MA,RI
4-Chlorotoluene	CT,MA,RI
1,3,5-Trimethylbenzene	CT,MA,RI
tert-Butylbenzene	CT,MA,RI
1,2,4-Trimethylbenzene	CT,MA,RI
sec-Butylbenzene	CT,MA,RI
1,3-Dichlorobenzene	CT,MA,RI
4-Isopropyltoluene	CT,MA,RI
1,4-Dichlorobenzene	CT,MA,RI
1,2-Dichlorobenzene	CT,MA,RI
n-Butylbenzene	CT,MA,RI
1,2,4-Trichlorobenzene	CT,MA,RI
Hexachlorobutadiene	CT,MA,RI
Naphthalene	CT,MA,RI
1,2,3-Trichlorobenzene	CT,MA,RI
EPA 8260C in Soil	
Methyl-t-Butyl Ether (MTBE)	CT,NY,PA
Benzene	CT,NY,PA
Toluene	CT,NY,PA
Chlorobenzene	CT,NY,PA
Ethylbenzene	CT,NY,PA
m+p Xylenes	CT,NY,PA
o-Xylene	CT,NY,PA
Styrene	CT,NY,PA
Isopropylbenzene	CT,NY,PA
Bromobenzene	CT,NY,PA
n-Propylbenzene	CT,NY,PA
2-Chlorotoluene	CT,NY,PA
4-Chlorotoluene	CT,NY,PA
1,3,5-Trimethylbenzene	CT,NY,PA
tert-Butylbenzene	CT,NY,PA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 8260C in Soil	
1,2,4-Trimethylbenzene	CT,NY,PA
sec-Butylbenzene	CT,NY,PA
1,3-Dichlorobenzene	CT,NY,PA
4-Isopropyltoluene	CT,NY,PA
1,4-Dichlorobenzene	CT,NY,PA
1,2-Dichlorobenzene	CT,NY,PA
n-Butylbenzene	CT,NY,PA
1,2,4-Trichlorobenzene	CT,NY,PA
Hexachlorobutadiene	CT,NY,PA
Naphthalene	CT,NY,PA
1,2,3-Trichlorobenzene	CT
EPA 8260C in Water	
Methyl-t-Butyl Ether (MTBE)	CT,NY
Benzene	CT,NY
Toluene	CT,NY
Chlorobenzene	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Isopropylbenzene	CT,NY
Bromobenzene	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT,NY
SM 2540 G in Soil	
Percent Solids	CT

CET # : 9050382

Project: 180101C, 134 Bilton Rd, Somers

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2020
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2019
NY	New York Certification (NELAC)	11982	04/01/2020
PA	Pennsylvania DEP	68-02927	05/31/2020
RI	Rhode Island Certification	LAO 00227	12/30/2019

9050382

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one)

Metals: 8 RCRA, 13 Priority Poll, 15 CT DEP, Total, SPLP, TCLP, Dissolved, Field Filtered, Lab to Filter

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	Same Day *	Next Day *	Two Day *	Three Day *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☐ ASE	Pesticides	8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
AB5 15-17	5/13/19	S					✓		✓																	4	
AB6 15-17	5/13/19	S					✓		✓		✓															5	
AB6 24-26	5/13/19	S					✓		✓		✓															5	
MW-2	5/13/19	W					✓		✓																	2	
Dug well	5/13/19	DW					✓		✓																	2	
PRESERVATIVE (Cl–HCl, N–HNO$_3$, S–H$_2$SO$_4$, Na–NaOH, C=Cool, O–Other)									CL		C																
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)									G		G																
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)									1M/2F																		

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Kristie Ferreira	5/14/19 9:20	[signature]
[signature]	5-14-19 11:10	[signature]

NOTES:

Client / Reporting Information

Company Name: North Star Environmental
Address:
City: State: Zip:
Report To: E-mail:
Phone #: Fax #:

Project Information

Project: 134 Billton Rd PO #:
Location: Somers CT Project #: 180101C
CET Quote #: Collector(s): KAF

QA/QC: ☑ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☑ PDF ☐ EDD - Specify Format: x-cell Other:
RSR Reporting Limits (check one): ☑ GA ☐ GB ☐ SWP ☐ Other
Laboratory Certification Needed (check one): ☑ CT ☐ NY ☐ RI ☐ MA
Temp Upon Receipt: 3.4 °C Evidence of Cooling: (Y) N PAGE 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.

REV. 10/16

NORTHSTAR
ENVIRONMENTAL MANAGEMENT, LLC

Appendix C
AST Confirmatory Sample

800 Village Walk, No. 325, Guilford, CT 06437
Phone (203) 458-3426 • Fax (203) 458-1597 • e-mail: northstar_environmental@hotmail.com

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Kristie Ferreira
Northstar Environmental Mgt LLC
1100 Boston Post Road
Guilford, CT 06437

Analytical Report

CET# 9100474

Report Date:October 24, 2019
Project: Bilton Rd

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

CET # : 9100474
Project: Bilton Rd

Client Sample ID AST-2

Lab ID: 9100474-03

Conn. Extractable TPH **Analyst: ACS**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**130**	55	1	EPA 3550C	B9J1718	10/17/2019	10/17/2019 21:39	R
Surrogate: Octacosane	*110 %*	*50 - 150*			B9J1718	10/17/2019	*10/17/2019 21:39*	

R C14-C36 Unknown

CASE NARRATIVE

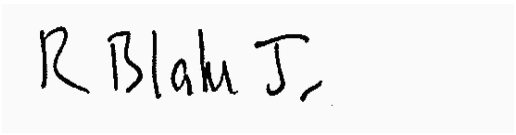
No collection times provided by client on chain of custody for the following samples: 9100474-01 through -03.

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Robert Blake



Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

NORTHSTAR
ENVIRONMENTAL MANAGEMENT, LLC

Appendix D
Shipping Logs and Weight Tickets

800 Village Walk, No. 325, Guilford, CT 06437
Phone (203) 458-3426 • Fax (203) 458-1597 • e-mail: northstar_environmental@hotmail.com

Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket **321518**
10/16/19 2:10 PM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	81760 Lb	
Tare	27200 Lb	*
Net	27.28 Ton	

	Today	To Date
Loads	6	2
Qty	158.10	62.10

NOTICE TO PURCHASERS: The Purchaser, through their officer, principal, employee or agent, hereby acknowledges that in consideration of the purchase and loading of product from Ted Ondrick Construction Company, hereafter referred to as Seller, the Purchaser agrees that SELLER'S LIABBILITY, IN TORT, IN NEGLIGENCE OR OTHERWISE SHALL BE LIMITED TO THE AMOUNT OF THE PURCHASE PRICE OF THE SELLER'S PRODUCT AND UNDER NO CIRCUMSTANCE SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES arising out of the fact that the vehicle loaded by the seller for the purchaser was loaded in excess of its permitted and certified capacity. Purchaser, through their officer, principal, employee or agent, further agrees in consideration of the purchase and loading of Seller's product, TO RELEASE, REMISE AND FOREVER DISCHARGE THE SELLER, ITS REPRESENTATIVES, SUCCESSORS AND ASSIGNS OF AND FROM ANY AND ALL DEBTS, DEMANDS, ACTIONS, CAUSES OF ACTION, SUITS, PRECEEDINGS, AGREEMENTS, CONTRACTS, JUDGEMENTS, DAMAGES, EXECUTIONS, CLAIMS AND LIABILITIES WHATSOEVER OF EVERY NATURE AND NAME, WHETHER KNOWN OR UNKNOWN, WHETHER IN LAW OR IN EQUITY, WHICH THE PURCHASER HAS OR MAY HAVE FOR ANY REASON, MATTER OR CAUSE, AND PURCHASER FURTHER INDEMNIFIES AND HOLDS SELLER HARMLESS FROM ANY LOSS, COST, EXPENSE, DAMAGE, OR ATTORNEY'S FEES ARISING OUT OF THE SELLER'S LOADING OF ANY VEHICLE FOR THE PURCHASER IN EXCESS OF ITS PERMITTED AND CERTIFIED CAPACITY

CAUTION: HOT MATERIAL (275°F-325°F) Avoid contact with skin & eyes - Thermal Burns could result. Fumes count cause nausea or irritation. Seek proper medical assistance in all emergencies. Consult Material Safety Data Sheet for more information. KNOW & RESPECT THE PRODUCTS YOU HANDLE.

Ondrick Materials & Recycling, LLC

22 Industry Road, Chicopee, MA 01020

Ticket 321502
10/16/19 12:40 PM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	79660 Lb	
Tare	27200 Lb	*
Net	26.23 Ton	

	Today	To Date
Loads	5	1
Qty	130.82	34.82

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Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket **321487**
10/16/19 11:22 AM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	80440 Lb	m
Tare	27200 Lb	*
Net	26.62 Ton	m

	Today	To Date
Loads	4	0
Qty	104.59	8.59

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Ondrick Materials & Recycling, LLC

22 Industry Road, Chicopee, MA 01020

Ticket 321476
10/16/19 10:07 AM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	78900 Lb	m
Tare	27200 Lb	*
Net	25.85 Ton	m

	Today	To Date
Loads	3	-1
Qty	77.97	-18.03

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Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 321464
10/16/19 8:55 AM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	79360 Lb	m
Tare	27200 Lb	*
Net	26.08 Ton	m

	Today	To Date
Loads	2	-2
Qty	52.12	-43.88

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Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket 321454
10/16/19 7:38 AM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	79280 Lb	m
Tare	27200 Lb	*
Net	26.04 Ton	m

	Today	To Date
Loads	1	-3
Qty	26.04	-69.96

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Massachusetts Department of Environmental Protection
Bureau of Air & Waste

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

1909 M 6385 CT
Tracking Number

Scooby

J. Load Information

Note: Make additional copies of this page as necessary.

Load#: 1

Robert Auger
Signature of transporter

10/16/18 — 737 AM
Date received — Time received

405804
Truck/Tractor registration

26.04
Load size (cubic yards/tons)

ondrocks / DWS
Receiving facility

10/16/18 — 7:00 AM
Date of shipment — Time of shipment

Trailer registration

Load#: 2

Robert Auger
Signature of transporter

10/16/18 — 855 AM
Date received — Time received

405804
Truck/Tractor registration

26.08
Load size (cubic yards/tons)

ondrocks / DWS
Receiving facility

10/16/18 — 825 AM
Date of shipment — Time of shipment

Trailer registration

Load#: 3

Robert Auger
Signature of transporter

10/16/18 — 1007 AM
Date received — Time received

405804
Truck/Tractor registration

25.85
Load size (cubic yards/tons)

ondrocks / DWS
Receiving facility

10/16/18 — 935 AM
Date of shipment — Time of shipment

Trailer registration

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page 1 of 2

Massachusetts Department of Environmental Protection
Bureau of Air & Waste

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

1909 M 6385 CT
Tracking Number

Scooby

J. Load Information

Note:
Make additional copies of this page as necessary.

Load#: 4

Signature of transporter

Receiving facility: Ondricks / DWS

Date received: 10/16/18 Time received: 1121 am

Date of shipment: 10/16/18 Time of shipment: 10:50 am

Truck/Tractor registration: 40580-M

Trailer registration

Load size (cubic yards/tons): 26.62

Load#: 5

Signature of transporter

Receiving facility: Ondricks / DWS

Date received: 10/16/18 Time received: 1239 pm

Date of shipment: 10/16/18 Time of shipment: 1210 pm

Truck/Tractor registration: 40580-A

Trailer registration

Load size (cubic yards/tons): 26.23

Load#: 6

Signature of transporter

Receiving facility: Ondricks / DWS

Date received: 10/16/18 Time received: 209 pm

Date of shipment: 10/16/18 Time of shipment: 135 pm

Truck/Tractor registration: 40580-A

Trailer registration

Load size (cubic yards/tons): 27.28

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page 2 of 2

Ondrick Materials & Recycling, LLC
22 Industry Road, Chicopee, MA 01020

Ticket **321610**
10/17/19 12:57 PM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	79420 Lb	m
Tare	27200 Lb	*
Net	26.11 Ton	m

	Today	**To Date**
Loads	3	5
Qty	79.25	141.35

NOTICE TO PURCHASERS: The Purchaser, through their officer, principal, employee or agent, hereby acknowledges that in consideration of the purchase and loading of product from Ted Ondrick Construction Company, hereafter referred to as Seller, the Purchaser agrees that SELLER'S LIABBILITY, IN TORT, IN NEGLIGENCE OR OTHERWISE SHALL BE LIMITED TO THE AMOUNT OF THE PURCHASE PRICE OF THE SELLER'S PRODUCT AND UNDER NO CIRCUMSTANCE SHALL SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES arising out of the fact that the vehicle loaded by the seller for the purchaser was loaded in excess of its permitted and certified capacity. Purchaser, through their officer, principal, employee or agent, further agrees in consideration of the purchase and loading of Seller's product, TO RELEASE, REMISE AND FOREVER DISCHARGE THE SELLER, ITS REPRESENTATIVES, SUCCESSORS AND ASSIGNS OF AND FROM ANY AND ALL DEBTS, DEMANDS, ACTIONS, CAUSES OF ACTION, SUITS, PRECEEDINGS, AGREEMENTS, CONTRACTS, JUDGEMENTS, DAMAGES, EXECUTIONS, CLAIMS AND LIABILITIES WHATSOEVER OF EVERY NATURE AND NAME, WHETHER KNOWN OR UNKNOWN, WHETHER IN LAW OR IN EQUITY, WHICH THE PURCHASER HAS OR MAY HAVE FOR ANY REASON, MATTER OR CAUSE, AND PURCHASER FURTHER INDEMNIFIES AND HOLDS SELLER HARMLESS FROM ANY LOSS, COST, EXPENSE, DAMAGE, OR ATTORNEY'S FEES ARISING OUT OF THE SELLER'S LOADING OF ANY VEHICLE FOR THE PURCHASER IN EXCESS OF ITS PERMITTED AND CERTIFIED CAPACITY

CAUTION: HOT MATERIAL (275°F-325°F) Avoid contact with skin & eyes - Thermal Burns could result. Fumes count cause nausea or irritation. Seek proper medical assistance in all emergencies. Consult Material Safety Data Sheet for more information. KNOW & RESPECT THE PRODUCTS YOU HANDLE.

Ondrick Materials & Recycling, LLC

22 Industry Road, Chicopee, MA 01020

Ticket 321588
10/17/19 11:21 AM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	81040 Lb	m
Tare	27200 Lb	*
Net	26.92 Ton	m

	Today	To Date
Loads	2	4
Qty	53.14	115.24

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Ondrick Materials & Recycling, LLC

22 Industry Road, Chicopee, MA 01020

Ticket 321568
10/17/19 10:00 AM

Truck ID	SCOOBY	SCOOBY.
Customer	10590	Ecos Energy
Order	19-09-M-6385CT	134 Bilton Road, Somers, CT
P.O.		
Product	GAS/OIL/PETROLEUM	
Site Addr.	134 Bilton Road Somers, CT	

Driver: _____

Customer: _____

Arrival Time: _____ **Depart Time:** _____

Gross	79640 Lb	m
Tare	27200 Lb	*
Net	26.22 Ton	m

	Today	To Date
Loads	1	3
Qty	26.22	88.32

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Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

1909M6385CT
Tracking Number

Scooby

J. Load Information

Note: Make additional copies of this page as necessary.

Load#: 1

Signature of transporter

10/17/18 — Date received — 1000 AM — Time received

405 SUA — Truck/Tractor registration

26.22 — Load size (cubic yards/tons)

Ondracks/DWS — Receiving facility

10/17/18 — Date of shipment — 9:15 — Time of shipment

Trailer registration

Load#: 2

Signature of transporter

10/17/18 — Date received — 1120 AM — Time received

405 SUA — Truck/Tractor registration

26.92 — Load size (cubic yards/tons)

Ondracks/DWS — Receiving facility

10/17/18 — Date of shipment — 1045 AM — Time of shipment

Trailer registration

Load#: 3

Signature of transporter

10/17/18 — Date received — 1256 pm — Time received

405 SUA — Truck/Tractor registration

26.11 — Load size (cubic yards/tons)

Ondracks/DWS — Receiving facility

10/17/18 — Date of shipment — 1210 pm — Time of shipment

Trailer registration

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

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