Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724 Phoenix I.D.: CK78890
Client ID: ROCKVILLE COMP

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Endosulfan sulfate	ND	7.6	ug/Kg	2	03/07/22	AW	SW8081B
Endrin	ND	7.6	ug/Kg	2	03/07/22	AW	SW8081B
Endrin aldehyde	ND	7.6	ug/Kg	2	03/07/22	AW	SW8081B
Endrin ketone	ND	7.6	ug/Kg	2	03/07/22	AW	SW8081B
g-BHC	ND	1.5	ug/Kg	2	03/07/22	AW	SW8081B
Heptachlor	ND	7.6	ug/Kg	2	03/07/22	AW	SW8081B
Heptachlor epoxide	ND	7.6	ug/Kg	2	03/07/22	AW	SW8081B
Methoxychlor	ND	38	ug/Kg	2	03/07/22	AW	SW8081B
Toxaphene	ND	150	ug/Kg	2	03/07/22	AW	SW8081B
QA/QC Surrogates							
% DCBP	53		%	2	03/07/22	AW	30 - 150 %
% DCBP (Confirmation)	69		%	2	03/07/22	AW	30 - 150 %
% TCMX	55		%	2	03/07/22	AW	30 - 150 %
% TCMX (Confirmation)	57		%	2	03/07/22	AW	30 - 150 %
Volatiles (TCL)							
1,1,1-Trichloroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	1	03/05/22	JLI	SW8260C
1,2-Dibromoethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,2-Dichloroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,2-Dichloropropane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
2-Hexanone	ND	29	ug/kg	1	03/05/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	29	ug/kg	1	03/05/22	JLI	SW8260C
Acetone	ND	58	ug/kg	1	03/05/22	JLI	SW8260C
Benzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Bromochloromethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Bromodichloromethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Bromoform	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Bromomethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Carbon Disulfide	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Carbon tetrachloride	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Chlorobenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Chloroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Chloroform	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Chloromethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Cyclohexane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Dibromochloromethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Dichlorodifluoromethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Ethylbenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724
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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
m&p-Xylene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Methyl ethyl ketone	ND	35	ug/kg	1	03/05/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/kg	1	03/05/22	JLI	SW8260C
Methylacetate	ND	4.7	ug/kg	1	03/05/22	JLI	SW8260C
Methylcyclohexane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Methylene chloride	ND	29	ug/kg	1	03/05/22	JLI	SW8260C
o-Xylene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Styrene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Tetrachloroethene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Toluene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Total Xylenes	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Trichloroethene	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Trichlorofluoromethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
Vinyl chloride	ND	5.8	ug/kg	1	03/05/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	03/05/22	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	03/05/22	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	03/05/22	JLI	70 - 130 %
% Toluene-d8	93		%	1	03/05/22	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	87	ug/kg	1	03/05/22	JLI	SW8260C
Semivolatiles							
1,1-Biphenyl	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	03/04/22	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2,3,4,6-tetrachlorophenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
2,4-Dichlorophenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2,4-Dimethylphenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2,4-Dinitrophenol	ND	300	ug/Kg	1	03/04/22	WB	SW8270D
2,4-Dinitrotoluene	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
2,6-Dinitrotoluene	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
2-Chloronaphthalene	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2-Chlorophenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2-Methylnaphthalene	350	270	ug/Kg	1	03/04/22	WB	SW8270D
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
2-Nitroaniline	ND	300	ug/Kg	1	03/04/22	WB	SW8270D
2-Nitrophenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	03/04/22	WB	SW8270D
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
3-Nitroaniline	ND	300	ug/Kg	1	03/04/22	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	03/04/22	WB	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	03/04/22	WB	SW8270D

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724
Client ID: ROCKVILLE COMP
Phoenix I.D.: CK78890

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
4-Chloroaniline	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
4-Nitroaniline	ND	300	ug/Kg	1	03/04/22	WB	SW8270D
4-Nitrophenol	ND	1100	ug/Kg	1	03/04/22	WB	SW8270D
Acenaphthene	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Acenaphthylene	4500	270	ug/Kg	1	03/04/22	WB	SW8270D
Acetophenone	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Anthracene	2100	270	ug/Kg	1	03/04/22	WB	SW8270D
Atrazine	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
Benz(a)anthracene	6000	270	ug/Kg	1	03/04/22	WB	SW8270D
Benzaldehyde	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Benzo(a)pyrene	6300	270	ug/Kg	1	03/04/22	WB	SW8270D
Benzo(b)fluoranthene	6200	270	ug/Kg	1	03/04/22	WB	SW8270D
Benzo(ghi)perylene	6400	270	ug/Kg	1	03/04/22	WB	SW8270D
Benzo(k)fluoranthene	4800	270	ug/Kg	1	03/04/22	WB	SW8270D
Benzyl butyl phthalate	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	03/04/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Caprolactam	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Carbazole	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
Chrysene	7300	270	ug/Kg	1	03/04/22	WB	SW8270D
Dibenz(a,h)anthracene	1700	190	ug/Kg	1	03/04/22	WB	SW8270D
Dibenzofuran	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
Diethyl phthalate	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Dimethylphthalate	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Di-n-butylphthalate	ND	760	ug/Kg	1	03/04/22	WB	SW8270D
Di-n-octylphthalate	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Fluoranthene	5600	270	ug/Kg	1	03/04/22	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Hexachlorobenzene	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Hexachloroethane	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	6200	270	ug/Kg	1	03/04/22	WB	SW8270D
Isophorone	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Naphthalene	570	270	ug/Kg	1	03/04/22	WB	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	190	ug/Kg	1	03/04/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	03/04/22	WB	SW8270D
Pentachlorophenol	ND	380	ug/Kg	1	03/04/22	WB	SW8270D
Phenanthrene	2400	270	ug/Kg	1	03/04/22	WB	SW8270D
Phenol	ND	270	ug/Kg	1	03/04/22	WB	SW8270D
Pyrene	10000	2700	ug/Kg	10	03/04/22	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	73		%	1	03/04/22	WB	30 - 130 %
% 2-Fluorobiphenyl	77		%	1	03/04/22	WB	30 - 130 %

Ver 2

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724 Phoenix I.D.: CK78890
Client ID: ROCKVILLE COMP

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorophenol	57		%	1	03/04/22	WB	30 - 130 %
% Nitrobenzene-d5	67		%	1	03/04/22	WB	30 - 130 %
% Phenol-d5	65		%	1	03/04/22	WB	30 - 130 %
% Terphenyl-d14	81		%	1	03/04/22	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out		%	10	03/04/22	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	03/04/22	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out		%	10	03/04/22	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	03/04/22	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out		%	10	03/04/22	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	03/04/22	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Paint Filter Test:
Pass = no free liquids were detected. Fail = free liquids were detected.

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide. This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Volatile Comment:
L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
March 18, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 18, 2022

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 614430 (mg/kg), QC Sample No: CK76116 2X (CK78890)														
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	110	114	3.6	92.3	74.7	21.1	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 614512 (mg/kg), QC Sample No: CK78749 (CK78890)														
ICP Metals - Soil														
Arsenic	BRL	0.67	2.59	2.17	NC	91.1	93.6	2.7	94.0			75 - 125	35	
Barium	BRL	0.33	77.7	66.7	15.2	99.3	98.9	0.4	>130			75 - 125	35	m
Cadmium	BRL	0.33	1.14	0.96	NC	89.5	90.6	1.2	94.3			75 - 125	35	
Chromium	BRL	0.33	17.4	13.0	28.9	95.4	97.9	2.6	93.8			75 - 125	35	
Lead	BRL	0.33	44.9	49.4	9.50	101	101	0.0	99.1			75 - 125	35	
Selenium	BRL	1.3	<1.5	<1.5	NC	91.4	91.0	0.4	92.1			75 - 125	35	
Silver	BRL	0.33	<0.38	<0.38	NC	94.5	97.3	2.9	98.5			75 - 125	35	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

m = This parameter is outside laboratory MS/MSD specified recovery limits.

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QA/QC Report

March 18, 2022

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 614438 (mg/Kg), QC Sample No: CK77487 5X (CK78890)													
Reactivity Cyanide	BRL	5	<5	<5.5	NC	108						85 - 115	30
Reactivity Sulfide	BRL	20	<20	<20	NC	91.8						80 - 120	30
QA/QC Batch 614401 (umhos/cm), QC Sample No: CK76116 (CK78890)													
Conductivity - Soil Matrix	BRL	5	101	95	6.10							75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 614416 (PH), QC Sample No: CK78375 (CK78890)													
pH at 25C - Soil			7.96	7.94	0.30							85 - 115	20
QA/QC Batch 614675 (Degree F), QC Sample No: CK79727 (CK78890)													
Flash Point			>200	>200	NC	100						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													

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QA/QC Report

March 18, 2022

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 614373 (mg/Kg), QC Sample No: CK78408 (CK78890)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum H.C. (C9-C36)	ND	50	86	94	8.9				60 - 120	30	
% COD (surr)	75	%	91	90	1.1				50 - 150	30	
% Terphenyl (surr)	79	%	92	101	9.3				50 - 150	30	
Comment:											
**The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS was within method criteria.											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 615961 (mg/Kg), QC Sample No: CK87458 (CK78888, CK78889)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum H.C. (C9-C36)	ND	50	85	90	5.7	79	88	10.8	60 - 120	30	
% COD (surr)	85	%	97	95	2.1	57	55	3.6	50 - 150	30	
% Terphenyl (surr)	84	%	94	99	5.2	89	91	2.2	50 - 150	30	
Comment:											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 614420 (ug/Kg), QC Sample No: CK79223 10X (CK78890)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	130	78	75	3.9	60	68	12.5	40 - 140	30	
2,4,5-TP (Silvex)	ND	130	62	57	8.4	49	55	11.5	40 - 140	30	
2,4-D	ND	250	96	98	2.1	51	69	30.0	40 - 140	30	
2,4-DB	ND	2500	74	49	40.7	82	52	44.8	40 - 140	30	r
Dalapon	ND	130	51	40	24.2	23	23	0.0	40 - 140	30	m
Dicamba	ND	130	78	71	9.4	59	63	6.6	40 - 140	30	
Dichloroprop	ND	130	80	109	30.7	71	74	4.1	40 - 140	30	r
Dinoseb	ND	130	71	61	15.2	69	69	0.0	40 - 140	30	
% DCAA (Surrogate Rec)	74	%	93	82	12.6	80	88	9.5	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	77	%	109	97	11.7	69	87	23.1	30 - 150	30	
Comment:											
Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.											
QA/QC Batch 614328 (ug/Kg), QC Sample No: CK78343 2X (CK78890)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	79	87	9.6	83	82	1.2	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	90	105	15.4	81	84	3.6	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	85	%	94	101	7.2	80	82	2.5	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	83	%	91	107	16.2	85	82	3.6	30 - 150	30	
% TCMX (Surrogate Rec)	85	%	87	97	10.9	90	91	1.1	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	83	%	86	98	13.0	90	90	0.0	30 - 150	30	
QA/QC Batch 615954 (ug/Kg), QC Sample No: CK87457 10X (CK78888, CK78889)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	170	87	83	4.7	72	70	2.8	40 - 140	30	
PCB-1221	ND	170							40 - 140	30	
PCB-1232	ND	170							40 - 140	30	
PCB-1242	ND	170							40 - 140	30	
PCB-1248	ND	170							40 - 140	30	
PCB-1254	ND	170							40 - 140	30	
PCB-1260	ND	170	94	88	6.6	69	76	9.7	40 - 140	30	
PCB-1262	ND	170							40 - 140	30	
PCB-1268	ND	170							40 - 140	30	
% DCBP (Surrogate Rec)	67	%	96	99	3.1	80	79	1.3	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	63	%	87	86	1.2	71	68	4.3	30 - 150	30	
% TCMX (Surrogate Rec)	55	%	88	82	7.1	66	66	0.0	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	62	%	97	94	3.1	74	74	0.0	30 - 150	30	
QA/QC Batch 614329 (ug/Kg), QC Sample No: CK78343 2X (CK78890)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	61	68	10.9	57	54	5.4	40 - 140	30	
4,4' -DDE	ND	1.7	64	69	7.5	66	63	4.7	40 - 140	30	
4,4' -DDT	ND	1.7	61	62	1.6	51	51	0.0	40 - 140	30	
a-BHC	ND	1.0	65	72	10.2	62	60	3.3	40 - 140	30	
Alachlor	ND	3.3	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	1.0	63	68	7.6	62	57	8.4	40 - 140	30	
b-BHC	ND	1.0	56	71	23.6	59	55	7.0	40 - 140	30	
Chlordane	ND	33	68	73	7.1	70	65	7.4	40 - 140	30	
d-BHC	ND	3.3	69	76	9.7	55	51	7.5	40 - 140	30	
Dieldrin	ND	1.0	64	70	9.0	59	57	3.4	40 - 140	30	
Endosulfan I	ND	3.3	64	66	3.1	59	49	18.5	40 - 140	30	
Endosulfan II	ND	3.3	62	64	3.2	53	53	0.0	40 - 140	30	
Endosulfan sulfate	ND	3.3	57	52	9.2	47	46	2.2	40 - 140	30	
Endrin	ND	3.3	61	69	12.3	59	53	10.7	40 - 140	30	
Endrin aldehyde	ND	3.3	48	56	15.4	43	38	12.3	40 - 140	30	
Endrin ketone	ND	3.3	69	62	10.7	52	49	5.9	40 - 140	30	
g-BHC	ND	1.0	72	83	14.2	94	91	3.2	40 - 140	30	
Heptachlor	ND	3.3	63	68	7.6	65	59	9.7	40 - 140	30	
Heptachlor epoxide	ND	3.3	67	73	8.6	75	67	11.3	40 - 140	30	
Methoxychlor	ND	3.3	112	60	60.5	50	50	0.0	40 - 140	30	r
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	75	%	52	59	12.6	51	48	6.1	30 - 150	30	
% DCBP (Confirmation)	54	%	55	56	1.8	55	55	0.0	30 - 150	30	
% TCMX	71	%	63	64	1.6	62	58	6.7	30 - 150	30	
% TCMX (Confirmation)	69	%	59	62	5.0	65	66	1.5	30 - 150	30	
QA/QC Batch 614367 (ug/kg), QC Sample No: CK78913 (CK78890)											
Semivolatiles - Soil											
1,1-Biphenyl	ND	230	75	77	2.6	74	72	2.7	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230	70	73	4.2	72	69	4.3	40 - 140	30	

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,2'-Oxybis(1-Chloropropane)	ND	230	62	63	1.6	57	52	9.2	40 - 140	30	
2,3,4,6-tetrachlorophenol	ND	230	84	88	4.7	84	84	0.0	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	85	88	3.5	83	85	2.4	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	86	87	1.2	83	84	1.2	30 - 130	30	
2,4-Dichlorophenol	ND	130	80	84	4.9	81	77	5.1	30 - 130	30	
2,4-Dimethylphenol	ND	230	83	87	4.7	80	77	3.8	30 - 130	30	
2,4-Dinitrophenol	ND	230	22	24	8.7	86	61	34.0	30 - 130	30	I,r
2,4-Dinitrotoluene	ND	130	87	92	5.6	86	87	1.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130	85	89	4.6	84	84	0.0	40 - 140	30	
2-Chloronaphthalene	ND	230	76	78	2.6	77	73	5.3	40 - 140	30	
2-Chlorophenol	ND	230	79	80	1.3	73	67	8.6	30 - 130	30	
2-Methylnaphthalene	ND	230	73	74	1.4	72	68	5.7	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	83	86	3.6	77	72	6.7	40 - 140	30	
2-Nitroaniline	ND	330	125	130	3.9	121	122	0.8	40 - 140	30	
2-Nitrophenol	ND	230	78	82	5.0	75	70	6.9	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	84	86	2.4	79	72	9.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	85	87	2.3	73	74	1.4	40 - 140	30	
3-Nitroaniline	ND	330	98	101	3.0	88	89	1.1	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	40	41	2.5	88	68	25.6	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	84	89	5.8	81	80	1.2	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	87	91	4.5	85	84	1.2	30 - 130	30	
4-Chloroaniline	ND	230	76	78	2.6	64	63	1.6	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	82	86	4.8	82	81	1.2	40 - 140	30	
4-Nitroaniline	ND	230	84	89	5.8	83	84	1.2	40 - 140	30	
4-Nitrophenol	ND	230	92	95	3.2	92	93	1.1	30 - 130	30	
Acenaphthene	ND	230	82	86	4.8	83	82	1.2	30 - 130	30	
Acenaphthylene	ND	130	70	72	2.8	70	69	1.4	40 - 140	30	
Acetophenone	ND	230	64	67	4.6	63	57	10.0	40 - 140	30	
Anthracene	ND	230	84	87	3.5	82	82	0.0	40 - 140	30	
Atrazine	ND	130	63	64	1.6	59	60	1.7	40 - 140	30	
Benz(a)anthracene	ND	230	83	86	3.6	79	79	0.0	40 - 140	30	
Benzaldehyde	ND	230	40	35	13.3	68	55	21.1	40 - 140	30	I
Benzo(a)pyrene	ND	130	80	82	2.5	75	75	0.0	40 - 140	30	
Benzo(b)fluoranthene	ND	160	81	83	2.4	79	76	3.9	40 - 140	30	
Benzo(ghi)perylene	ND	230	91	94	3.2	65	68	4.5	40 - 140	30	
Benzo(k)fluoranthene	ND	230	79	82	3.7	75	76	1.3	40 - 140	30	
Benzyl butyl phthalate	ND	230	89	91	2.2	80	81	1.2	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	74	77	4.0	69	66	4.4	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	63	63	0.0	56	51	9.3	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	89	91	2.2	81	80	1.2	40 - 140	30	
Caprolactam	ND	230	80	86	7.2	77	78	1.3	40 - 140	30	
Carbazole	ND	230	87	90	3.4	84	85	1.2	40 - 140	30	
Chrysene	ND	230	87	91	4.5	86	85	1.2	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	87	90	3.4	69	70	1.4	40 - 140	30	
Dibenzofuran	ND	230	81	83	2.4	79	78	1.3	40 - 140	30	
Diethyl phthalate	ND	230	86	87	1.2	82	83	1.2	40 - 140	30	
Dimethylphthalate	ND	230	84	86	2.4	81	81	0.0	40 - 140	30	
Di-n-butylphthalate	ND	670	86	89	3.4	83	83	0.0	40 - 140	30	
Di-n-octylphthalate	ND	230	91	95	4.3	86	86	0.0	40 - 140	30	
Fluoranthene	ND	230	83	87	4.7	85	83	2.4	40 - 140	30	
Fluorene	ND	230	83	83	0.0	81	80	1.2	40 - 140	30	
Hexachlorobenzene	ND	130	83	84	1.2	79	79	0.0	40 - 140	30	
Hexachlorobutadiene	ND	230	66	67	1.5	67	62	7.8	40 - 140	30	

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Hexachlorocyclopentadiene	ND	230	52	55	5.6	42	32	27.0	40 - 140	30	m
Hexachloroethane	ND	130	63	64	1.6	60	52	14.3	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	93	99	6.3	70	70	0.0	40 - 140	30	
Isophorone	ND	130	65	67	3.0	63	59	6.6	40 - 140	30	
Naphthalene	ND	230	69	69	0.0	70	64	9.0	40 - 140	30	
Nitrobenzene	ND	130	70	73	4.2	67	63	6.2	40 - 140	30	
N-Nitrosodimethylamine	ND	230	68	69	1.5	57	51	11.1	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	72	75	4.1	66	63	4.7	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	82	85	3.6	79	79	0.0	40 - 140	30	
Pentachlorophenol	ND	230	97	98	1.0	99	102	3.0	30 - 130	30	
Phenanthrene	ND	130	83	86	3.6	83	81	2.4	40 - 140	30	
Phenol	ND	230	79	82	3.7	75	71	5.5	30 - 130	30	
Pyrene	ND	230	82	85	3.6	85	83	2.4	30 - 130	30	
% 2,4,6-Tribromophenol	89	%	86	87	1.2	81	82	1.2	30 - 130	30	
% 2-Fluorobiphenyl	82	%	75	77	2.6	74	71	4.1	30 - 130	30	
% 2-Fluorophenol	71	%	74	74	0.0	66	62	6.3	30 - 130	30	
% Nitrobenzene-d5	72	%	67	70	4.4	65	60	8.0	30 - 130	30	
% Phenol-d5	72	%	75	77	2.6	70	66	5.9	30 - 130	30	
% Terphenyl-d14	84	%	84	88	4.7	84	84	0.0	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 614655 (ug/kg), QC Sample No: CK78486 (CK78888)

Volatiles - Soil (Low Level)

1,1,1-Trichloroethane	ND	5.0	93	104	11.2	95	98	3.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	91	101	10.4	96	95	1.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	92	100	8.3	96	97	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	95	104	9.0	96	99	3.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	101	113	11.2	101	105	3.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	100	105	4.9	91	91	0.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	102	109	6.6	91	90	1.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	88	97	9.7	89	92	3.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	96	104	8.0	99	100	1.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	97	105	7.9	95	95	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	93	102	9.2	96	98	2.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	90	99	9.5	93	95	2.1	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	99	106	6.8	96	96	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	99	107	7.8	97	97	0.0	70 - 130	30	
1,4-dioxane	ND	100	91	99	8.4	98	111	12.4	70 - 130	30	
2-Hexanone	ND	25	84	96	13.3	73	73	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	25	90	100	10.5	85	87	2.3	70 - 130	30	
Acetone	ND	10	78	86	9.8	79	78	1.3	70 - 130	30	
Benzene	ND	1.0	92	101	9.3	93	97	4.2	70 - 130	30	
Bromochloromethane	ND	5.0	98	106	7.8	101	102	1.0	70 - 130	30	
Bromodichloromethane	ND	5.0	91	99	8.4	91	96	5.3	70 - 130	30	
Bromoform	ND	5.0	88	98	10.8	87	90	3.4	70 - 130	30	
Bromomethane	ND	5.0	106	110	3.7	110	114	3.6	70 - 130	30	
Carbon Disulfide	ND	5.0	95	106	10.9	93	97	4.2	70 - 130	30	
Carbon tetrachloride	ND	5.0	88	100	12.8	87	92	5.6	70 - 130	30	
Chlorobenzene	ND	5.0	101	110	8.5	102	104	1.9	70 - 130	30	
Chloroethane	ND	5.0	101	115	13.0	102	105	2.9	70 - 130	30	
Chloroform	ND	5.0	95	104	9.0	98	100	2.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	5.0	96	104	8.0	95	99	4.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	96	106	9.9	103	101	2.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	91	99	8.4	91	94	3.2	70 - 130	30	
Cyclohexane	ND	5.0	98	108	9.7	96	97	1.0	70 - 130	30	
Dibromochloromethane	ND	3.0	93	103	10.2	95	97	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	106	116	9.0	111	113	1.8	70 - 130	30	
Ethylbenzene	ND	1.0	100	108	7.7	98	100	2.0	70 - 130	30	
Isopropylbenzene	ND	1.0	101	110	8.5	96	98	2.1	70 - 130	30	
m&p-Xylene	ND	2.0	99	108	8.7	96	98	2.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	86	96	11.0	86	89	3.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	88	98	10.8	93	93	0.0	70 - 130	30	
Methylacetate	ND	5.0	97	108	10.7	128	128	0.0	70 - 130	30	
Methylcyclohexane	ND	5.0	100	111	10.4	90	91	1.1	70 - 130	30	
Methylene chloride	ND	5.0	89	97	8.6	90	92	2.2	70 - 130	30	
o-Xylene	ND	2.0	95	104	9.0	95	96	1.0	70 - 130	30	
Styrene	ND	5.0	101	109	7.6	100	101	1.0	70 - 130	30	
Tetrachloroethene	ND	5.0	99	107	7.8	96	100	4.1	70 - 130	30	
Toluene	ND	1.0	93	101	8.2	93	96	3.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	102	112	9.3	102	105	2.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	89	98	9.6	89	92	3.3	70 - 130	30	
Trichloroethene	ND	5.0	100	110	9.5	100	104	3.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	105	117	10.8	106	109	2.8	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	95	108	12.8	97	99	2.0	70 - 130	30	
Vinyl chloride	ND	5.0	106	116	9.0	107	111	3.7	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	94	%	98	97	1.0	98	97	1.0	70 - 130	30	
% Dibromofluoromethane	94	%	95	95	0.0	95	96	1.0	70 - 130	30	
% Toluene-d8	97	%	100	99	1.0	99	99	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 614498 (ug/kg), QC Sample No: CK78913 (CK78882)

Volatiles - Soil (Low Level)

1,1,1-Trichloroethane	ND	5.0	102	102	0.0	96	97	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	98	99	1.0	82	82	0.0	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	99	100	1.0	90	87	3.4	70 - 130	30	
1,1-Dichloroethane	ND	5.0	103	102	1.0	97	96	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	111	108	2.7	105	106	0.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	101	97	4.0	56	54	3.6	70 - 130	30	m
1,2,4-Trichlorobenzene	ND	5.0	102	97	5.0	58	59	1.7	70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	5.0	93	96	3.2	72	72	0.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	103	102	1.0	90	88	2.2	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	101	98	3.0	75	74	1.3	70 - 130	30	
1,2-Dichloroethane	ND	5.0	100	100	0.0	91	90	1.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	97	97	0.0	90	89	1.1	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	101	99	2.0	77	77	0.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	101	98	3.0	76	77	1.3	70 - 130	30	
1,4-dioxane	ND	100	97	98	1.0	106	93	13.1	70 - 130	30	
2-Hexanone	ND	25	96	94	2.1	70	71	1.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	99	99	0.0	83	84	1.2	70 - 130	30	
Acetone	ND	10	88	88	0.0	59	77	26.5	70 - 130	30	m
Benzene	ND	1.0	99	99	0.0	93	92	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromochloromethane	ND	5.0	105	106	0.9	96	93	3.2	70 - 130	30	
Bromodichloromethane	ND	5.0	96	97	1.0	88	87	1.1	70 - 130	30	
Bromoform	ND	5.0	96	94	2.1	74	74	0.0	70 - 130	30	
Bromomethane	ND	5.0	111	113	1.8	110	111	0.9	70 - 130	30	
Carbon Disulfide	ND	5.0	104	101	2.9	96	97	1.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	100	98	2.0	89	92	3.3	70 - 130	30	
Chlorobenzene	ND	5.0	108	105	2.8	94	92	2.2	70 - 130	30	
Chloroethane	ND	5.0	109	107	1.9	109	107	1.9	70 - 130	30	
Chloroform	ND	5.0	101	102	1.0	96	95	1.0	70 - 130	30	
Chloromethane	ND	5.0	105	105	0.0	99	99	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	102	107	4.8	100	99	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	96	97	1.0	86	86	0.0	70 - 130	30	
Cyclohexane	ND	5.0	108	106	1.9	101	101	0.0	70 - 130	30	
Dibromochloromethane	ND	3.0	102	101	1.0	85	85	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	122	121	0.8	118	118	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	107	104	2.8	97	95	2.1	70 - 130	30	
Isopropylbenzene	ND	1.0	107	106	0.9	95	94	1.1	70 - 130	30	
m&p-Xylene	ND	2.0	107	103	3.8	95	94	1.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	98	97	1.0	68	68	0.0	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	95	96	1.0	87	87	0.0	70 - 130	30	
Methylacetate	ND	5.0	106	106	0.0	115	116	0.9	70 - 130	30	
Methylcyclohexane	ND	5.0	110	108	1.8	98	99	1.0	70 - 130	30	
Methylene chloride	ND	5.0	93	94	1.1	102	106	3.8	70 - 130	30	
o-Xylene	ND	2.0	102	99	3.0	92	89	3.3	70 - 130	30	
Styrene	ND	5.0	106	103	2.9	89	88	1.1	70 - 130	30	
Tetrachloroethene	ND	5.0	104	102	1.9	96	97	1.0	70 - 130	30	
Toluene	ND	1.0	99	97	2.0	93	94	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	108	107	0.9	102	103	1.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	95	95	0.0	82	81	1.2	70 - 130	30	
Trichloroethene	ND	5.0	107	105	1.9	100	100	0.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	115	112	2.6	111	111	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	106	104	1.9	101	101	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	116	116	0.0	112	112	0.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	94	%	99	97	2.0	98	97	1.0	70 - 130	30	
% Dibromofluoromethane	95	%	96	96	0.0	96	95	1.0	70 - 130	30	
% Toluene-d8	98	%	99	99	0.0	101	100	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 614673 (ug/kg), QC Sample No: CK79373 (CK78890)

Volatiles - Soil (Low Level)

1,1,1-Trichloroethane	ND	5.0	105	107	1.9	99			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	96	102	6.1	79			70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	96	101	5.1	87			70 - 130	30	
1,1-Dichloroethane	ND	5.0	111	134	18.8	126			70 - 130	30	I
1,1-Dichloroethene	ND	5.0	116	113	2.6	102			70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	99	109	9.6	38			70 - 130	30	m
1,2,4-Trichlorobenzene	ND	5.0	97	107	9.8	42			70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	5.0	105	116	10.0	78			70 - 130	30	
1,2-Dibromoethane	ND	5.0	101	106	4.8	88			70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	98	106	7.8	62			70 - 130	30	m

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichloroethane	ND	5.0	102	105	2.9	95			70 - 130	30	
1,2-Dichloropropane	ND	5.0	96	100	4.1	91			70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	96	102	6.1	63			70 - 130	30	m
1,4-Dichlorobenzene	ND	5.0	97	103	6.0	64			70 - 130	30	m
1,4-dioxane	ND	100	106	107	0.9	108			70 - 130	30	
2-Hexanone	ND	25	98	106	7.8	87			70 - 130	30	
4-Methyl-2-pentanone	ND	25	95	105	10.0	90			70 - 130	30	
Acetone	ND	10	99	108	8.7	78			70 - 130	30	
Benzene	ND	1.0	98	101	3.0	93			70 - 130	30	
Bromochloromethane	ND	5.0	100	102	2.0	90			70 - 130	30	
Bromodichloromethane	ND	5.0	103	107	3.8	92			70 - 130	30	
Bromoform	ND	5.0	110	116	5.3	82			70 - 130	30	
Bromomethane	ND	5.0	109	110	0.9	95			70 - 130	30	
Carbon Disulfide	ND	5.0	110	107	2.8	81			70 - 130	30	
Carbon tetrachloride	ND	5.0	109	112	2.7	97			70 - 130	30	
Chlorobenzene	ND	5.0	103	106	2.9	85			70 - 130	30	
Chloroethane	ND	5.0	130	118	9.7	108			70 - 130	30	
Chloroform	ND	5.0	99	102	3.0	92			70 - 130	30	
Chloromethane	ND	5.0	104	105	1.0	86			70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	102	102	0.0	95			70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	104	109	4.7	92			70 - 130	30	
Cyclohexane	ND	5.0	102	101	1.0	89			70 - 130	30	
Dibromochloromethane	ND	3.0	108	113	4.5	87			70 - 130	30	
Dichlorodifluoromethane	ND	5.0	125	126	0.8	114			70 - 130	30	
Ethylbenzene	ND	1.0	107	109	1.9	90			70 - 130	30	
Isopropylbenzene	ND	1.0	106	110	3.7	84			70 - 130	30	
m&p-Xylene	ND	2.0	102	106	3.8	85			70 - 130	30	
Methyl ethyl ketone	ND	5.0	86	93	7.8	75			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	103	104	1.0	95			70 - 130	30	
Methylacetate	ND	5.0	105	103	1.9	89			70 - 130	30	
Methylcyclohexane	ND	5.0	107	107	0.0	87			70 - 130	30	
Methylene chloride	ND	5.0	94	91	3.2	78			70 - 130	30	
o-Xylene	ND	2.0	103	107	3.8	85			70 - 130	30	
Styrene	ND	5.0	103	107	3.8	82			70 - 130	30	
Tetrachloroethene	ND	5.0	106	108	1.9	92			70 - 130	30	
Toluene	ND	1.0	100	103	3.0	90			70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	114	112	1.8	97			70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	110	114	3.6	92			70 - 130	30	
Trichloroethene	ND	5.0	103	105	1.9	96			70 - 130	30	
Trichlorofluoromethane	ND	5.0	121	117	3.4	105			70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	111	106	4.6	94			70 - 130	30	
Vinyl chloride	ND	5.0	125	124	0.8	111			70 - 130	30	
% 1,2-dichlorobenzene-d4	95	%	99	100	1.0	99			70 - 130	30	
% Bromofluorobenzene	98	%	100	99	1.0	99			70 - 130	30	
% Dibromofluoromethane	101	%	98	98	0.0	96			70 - 130	30	
% Toluene-d8	94	%	100	100	0.0	99			70 - 130	30	

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCK78874

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
March 18, 2022

Friday, March 18, 2022

Criteria: CT: GAM, GBM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCK78874 - TIGHE-EVER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK78888	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR DEC RES (mg/kg) / Pest/PCB/TPH	960	300	500	500	mg/Kg
CK78888	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR GA,GAA (mg/kg) / Pesticides/TPH	960	300	500	500	mg/Kg
CK78890	$8270_TCLR	Pyrene	CT / RSR GA,GAA (mg/kg) / Semivolatiles	10000	2700	4000	4000	ug/Kg
CK78890	$8270_TCLR	Benz(a)anthracene	CT / RSR DEC RES (mg/kg) / Semivolatiles	6000	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benz(a)anthracene	CT / RSR GA,GAA (mg/kg) / Semivolatiles	6000	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benz(a)anthracene	CT / RSR GB (mg/kg) / Semivolatiles	6000	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Chrysene	CT / RSR GA,GAA (mg/kg) / APS Organics	7300	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Chrysene	CT / RSR GB (mg/kg) / APS Organics	7300	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	6200	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(b)fluoranthene	CT / RSR GA,GAA (mg/kg) / Semivolatiles	6200	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(b)fluoranthene	CT / RSR GB (mg/kg) / Semivolatiles	6200	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(k)fluoranthene	CT / RSR GA,GAA (mg/kg) / Semivolatiles	4800	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(k)fluoranthene	CT / RSR GB (mg/kg) / Semivolatiles	4800	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(a)pyrene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	6300	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(a)pyrene	CT / RSR DEC RES (mg/kg) / Semivolatiles	6300	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(a)pyrene	CT / RSR GA,GAA (mg/kg) / Semivolatiles	6300	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(a)pyrene	CT / RSR GB (mg/kg) / Semivolatiles	6300	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Indeno(1,2,3-cd)pyrene	CT / RSR DEC RES (mg/kg) / APS Organics	6200	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Indeno(1,2,3-cd)pyrene	CT / RSR GA,GAA (mg/kg) / APS Organics	6200	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Indeno(1,2,3-cd)pyrene	CT / RSR GB (mg/kg) / APS Organics	6200	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Dibenz(a,h)anthracene	CT / RSR DEC I/C (mg/kg) / APS Organics	1700	190	1000	1000	ug/Kg
CK78890	$8270_TCLR	Dibenz(a,h)anthracene	CT / RSR DEC RES (mg/kg) / APS Organics	1700	190	1000	1000	ug/Kg
CK78890	$8270_TCLR	Dibenz(a,h)anthracene	CT / RSR GA,GAA (mg/kg) / APS Organics	1700	190	1000	1000	ug/Kg
CK78890	$8270_TCLR	Dibenz(a,h)anthracene	CT / RSR GB (mg/kg) / APS Organics	1700	190	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(ghi)perylene	CT / RSR GA,GAA (mg/kg) / APS Organics	6400	270	1000	1000	ug/Kg
CK78890	$8270_TCLR	Benzo(ghi)perylene	CT / RSR GB (mg/kg) / APS Organics	6400	270	1000	1000	ug/Kg
CK78890	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR DEC RES (mg/kg) / Pest/PCB/TPH	910	290	500	500	mg/Kg
CK78890	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR GA,GAA (mg/kg) / Pesticides/TPH	910	290	500	500	mg/Kg
CK78890	AS-SM	Arsenic	CT / RSR DEC I/C (mg/kg) / Inorganics	11.4	0.75	10	10	mg/Kg
CK78890	AS-SM	Arsenic	CT / RSR DEC RES (mg/kg) / Inorganics	11.4	0.75	10	10	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Tighe & Bond

Project Location: EVERSOURCE-ROCKVILLE LINES 16 ***Project Number:***

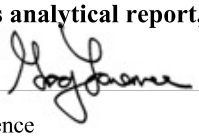
Laboratory Sample ID(s): CK78882, CK78888, CK78890 ***Sampling Date(s):*** 3/3/2022

List RCP Methods Used (e.g., 8260, 8270, et cetera) 6010, 7470/7471, 8081, 8082, 8151, 8260, 8270, ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☐ Yes ☑ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: Herbicide Narration, PEST Narration, SVOA Narration, VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Assistant Lab Director

Printed Name: Greg Lawrence **Date:** Friday, March 18, 2022

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

SDG Comments

The client requested a short list for the 8260 RCP Volatile and 8270 RCP Semivolatile. Only the TCL analytes are reported as requested on the chain of custody.

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. Only the RCRA 8 Metals are reported as requested on the chain of custody.

Temperature above 6C:
The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no significant bias is suspected.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

LACHAT 03/04/22-1 Michael McGuire, Dan Kinney, Chemist 03/04/22

CK78890

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

QC (Batch Specific):

Batch 614438 (CK77487)

CK78890

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-FID84 03/06/22-1 Jeff Bucko, Chemist 03/06/22

CK78890 (5X)

The initial calibration (ET_208AI) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (306A005_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL1 03/17/22-1 Jeff Bucko, Chemist 03/17/22

CK78889 (5X)

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RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

ETPH Narration

The initial calibration (ETPH228**I**) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (317A003) and contained the following outliers: None.
The continuing calibration %D for the compound **l**ist was less than 30% except for the following compounds:None.

AU-XL2 03/17/22-1 Jeff Bucko, Chemist 03/17/22

CK78888 (5X)

The initial calibration (ETPH307**I**) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (317A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound **l**ist was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 614373 (CK78408)

CK78890

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
**The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS was within method criteria.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Batch 615961 (CK87458)

CK78888, CK78889

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Herbicide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 614420 (Samples: CK78890): -----

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, but these analytes were not reported in the sample(s). No significant variability is suspected. (2,4-DB, Dichloroprop)

Instrument:

AU-ECD2 03/07/22-1 Jeff Bucko, Chemist 03/07/22

CK78890 (10X)

The initial calibration (HRB218A**I**) RSD for the compound list was less than 20% except for the following compounds: 2,4-DB (12) (22%)
The initial calibration (HRB218B**I**) RSD for the compound list was less than 20% except for the following compounds: 2,4-DB (12) (3%), , , ,
The continuing calibration %D for the compound **l**ist was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 614420 (CK79223)

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RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

Herbicide Narration

CK78890

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: 2,4-DB(40.7%), Dichloroprop(30.7%)
Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.

Mercury Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

MERLIN 03/04/22 17:52 Alex Purdue, Chemist 03/04/22

CK78890

The method preparation blank, ICB, and CCBs contain all of the acids and reagents as the samples.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 614430 (CK76116)

CK78890

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

ICP Metals Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

ARCOS-2 03/05/22 08:13 Cindy Pearce, Emily Kolominskaya, Chemist 03/05/22

CK78890

The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 614512 (CK78749)

CK78890

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Certification Report

March 18, 2022

SDG I.D.: GCK78874

ICP Metals Narration

All LCS recoveries were within 75 - 125 with the following exceptions: None.
All LCSD recoveries were within 75 - 125 with the following exceptions: None.
All LCS/LCSD RPDs were less than 35% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD5 03/17/22-1 Saadia Chudary, Chemist 03/17/22

CK78888 (10X), CK78889 (10X)

The initial calibration (PC310AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC310BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

AU-ECD8 03/04/22-1 Saadia Chudary, Chemist 03/04/22

CK78890 (10X)

The initial calibration (PC228AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC228BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:
Samples: CK78890
Preceding CC 304B022 - None.
Succeeding CC 304B034 - PCB 1260 18%H (%)

QC (Batch Specific):

Batch 614328 (CK78343)

CK78890

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Batch 615954 (CK87457)

CK78888, CK78889

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 614329 (Samples: CK78890): -----

The LCS/LCSD RPD exceeds the method criteria for one analyte, but this analyte was not reported in the sample(s). No significant variability is suspected. (Methoxychlor)

Instrument:

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

PEST Narration

AU-ECD35 03/07/22-1 Adam Werner, Chemist 03/07/22

CK78890 (2X)

The initial calibration (PS0228AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0228BI) RSD for the compound list was less than 20% except for the following compounds: None.
The Endrin and DDT breakdown does not exceed 15% except for the following compounds:None.
The Endrin and DDT breakdown does not exceed the maximum of 20% except for the following compounds:None.
The continuing calibration %D for the compound list was less than 20% except for the following compounds:
Samples: CK78890
Preceding CC 307B035 - % DCBP -25%L (20%)
Succeeding CC 307B048 - % DCBP -21%L (20%)

QC (Batch Specific):

Batch 614329 (CK78343)

CK78890

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: Methoxychlor(60.5%)

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 614367 (Samples: CK78890): -----

The LCS/LCSD is below the method criteria. A low bias is possible. (2,4-Dinitrophenol)

The LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (Benzaldehyde)

Instrument:

CHEM19 03/03/22-1 Matt Richard, Chemist 03/03/22

CK78890 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM19/19_SPLIT_0221):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.049 (0.05), Hexachlorobenzene 0.081 (0.1)
The following compounds did not meet a minimum response factors: % 2,4,6-Tribromophenol 0.049 (0.05)

Continuing Calibration Verification (CHEM19/0303_03-19_SPLIT_0221):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.

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RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

SVOA Narration

The following compounds did not meet recommended response factors: Hexachlorobenzene 0.087 (0.1)
The following compounds did not meet minimum response factors: None.

CHEM36 03/04/22-1 Wes Bryon, Chemist 03/04/22

CK78890 (10X)

Initial Calibration Evaluation (CHEM36/36_SPLIT_0125):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM36/0304_03-36_SPLIT_0125):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
97% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 614367 (CK78913)

CK78890

All LCS recoveries were within 40 - 140 with the following exceptions: 2,4-Dinitrophenol(22%)
All LCSD recoveries were within 40 - 140 with the following exceptions: 2,4-Dinitrophenol(24%), Benzaldehyde(35%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 614673 (Samples: CK78890): -----

The LCSD recovery is above the upper range for one analyte that was not reported in the sample(s). No significant bias is suspected. (1,1-Dichloroethane)

Instrument:

CHEM03 03/03/22-2 Jane Li, Chemist 03/03/22

CK78882 (1X)

Initial Calibration Evaluation (CHEM03/VT-L022422):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 29% (20%), Chloroethane 21% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.067 (0.1), Tetrachloroethene 0.175 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM03/0303_36-VT-L022422):

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

VOA Narration

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

CHEM03 03/04/22-1 Jane Li, Chemist 03/04/22

CK78888 (1X)

Initial Calibration Evaluation (CHEM03/VT-L022422):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 29% (20%), Chloroethane 21% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.067 (0.1), Tetrachloroethene 0.175 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM03/0304_02-VT-L022422):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

CHEM14 03/04/22-2 Jane Li, Chemist 03/04/22

CK78890 (1X)

Initial Calibration Evaluation (CHEM14/VT022522):
95% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 22% (20%), Chloroethane 22% (20%), Methylene chloride 24% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.070 (0.1), Tetrachloroethene 0.198 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM14/0304_18-VT022522):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 614498 (CK78913) CHEM03 3/3/2022-2

CK78882(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 614655 (CK78486) CHEM03 3/4/2022-1

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RCP Certification Report

March 18, 2022

SDG I.D.: GCK78874

VOA Narration

CK78888(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Batch 614673 (CK79373) CHEM14 3/4/2022-2

CK78890(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: 1,1-Dichloroethane(134%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
The MSD is not reported for this LL soil batch.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Temp 7.9 °C Pg 1 of 2

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
☐ Fax: Rgille@tighebond.com
☐ Phone: drew.blicharz@eversource.com
■ Email: bcaswell@tighebond.com

Customer: Tighe & Bond, Inc.
Address: 213 Court Street, Suite 1100
Middletown, CT
Attn Ben Caswell

Project: Eversource -Rockville Lines 1606/1724
Report to: Drew Blicharz/Ben Caswell
Invoice to: Eversource Direct Bill-Attn. Drew Blicharz
QUOTE #

Project P.O: 10948703

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 3/3/22

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil
B=Bulk L=Liquid X = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs via EPA Method 8260C	TCL SVOCs via EPA Method 8270D	TPH EPA Method 8015B	PCBs via EPA Method 8082A	RCRA 8 Metals via EPA Method 6020/7000	Ignitability/ Flashpoint, pH, Conductivity	TCL Pesticides EPA Method 8081B	Herbicides EPA Method 8151A	Paint Filter Test, Reactive sulfide and cyanide	MS/MSD *	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
78874	SS-1 (0.5-2')	S	3/3/22	9:45												1										
78875	SS-1 (3-5')			10:00												1										
78876	SS-2 (0.5-2')			10:10												1										
78877	SS-2 (2-4')			10:15												1										
78878	SS-3 (0.5-2')			10:45												1										
78879	SS-3 (3-4')			11:00												1										
78880	SS-4 (0.5-2')			11:25												1										
78881	SS-4 (3-5')			11:30												1										
78882	SS-5 (0.5-2')			11:45	X										3	1	1									
78883	SS-5 (2-4')			11:50												1										
78884	SS-6 (0.5-2')			3:00												1										
78885	SS-6 (2-4')			3:10												1										

Relinquished by:	Accepted by:	Date:	Time:
		3/3/22	15:30
		3/3/22	15:50

Comments, Special Requirements or Regulations:
Project Reference: 1606/1724 Lines Rockville 14W Conduit and STR 6713

Turnaround Time:
☐ 1 Day*
☐ 2 Days* BRC
☒ 3 Days*
■ Standard-5 day
☐ Other
* SURCHARGE APPLIES

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

RI
☐ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☐ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
■ RCP Cert
☐ GW Protection
☐ SW Protection
■ GA Mobility
☐ GB Mobility
■ Residential DEC
■ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: CT

Data Format
☐ Excel
■ PDF
☐ GIS/Key
☐ EQuIS
■ Other-Envirodata

Data Package
☐ Tier II Checklist
☐ Full Data Package*
■ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

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Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

CHAIN OF CUSTODY RECORD

Cooler: Yes / No
Coolant: IPK / ICE
Temp °C Pg of

Data Delivery/Contact Options:
Fax:
Phone:
Email:

Customer:
Address:

Project:
Report to:
Invoice to:
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature
Date:

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil
B=Bulk L=Liquid X = _____(Other)

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
78886	SS-7 (0.5-1')	S	3/3/22	13:35
78887	SS-7 (3-5')			13:40
78888	SS-8 (0.5-1')			14:15
78889	SS-8 (2-4')			17:35
78890	Rinsate Blank-Comp	L		14:40

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOCs	TCL SVOCs	RCRA 8 Metals	Extractable Petroleum Hydrocarbons (EPH)	Volatile Petroleum Hydrocarbons (VPH)	Connecticut Extractable Petroleum Hydrocarbons (CT EPH)	Connecticut Volatile Petroleum Hydrocarbons (CT VPH)	MSMSD	Gl. Amber 8 oz. w/H3PO4	Soil VOA Vials (1) methanol (2) H2O	Gl. Soil container (1) 8 oz	4d nm VOA Vial (5) 1oz	Gl. Amber 1000ml (1) As is (1) 1HCl	Pl. As is (1) 250ml (1) As is (1) 1H2SO4	Pl. H2SO4 (1) 250ml (1) 500ml (1) 1000ml	Pl. HNO3 250ml	Pl. NaOH 250ml	Bacteria bottle w/thio	Bacteria bottle as is
78886	SS-7 (0.5-1')	S	3/3/22	13:35									1									
78887	SS-7 (3-5')			13:40									1									
78888	SS-8 (0.5-1')			14:15	X								3	1	1							
78889	SS-8 (2-4')			17:35									1									
78890	Rinsate Blank-Comp	L		14:40	X	X	X	X	X	X	X	X	3	1								

Relinquished by:	Accepted by:	Date:	Time:
		3/3/22	15:30
		3/3/22	15:50

Turnaround Time:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☐ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
☒ RCP Cert
☐ GW Protection
☐ SW Protection
☒ GA Mobility
☒ GB Mobility
☒ Residential DEC
☒ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: CT

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☒ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☒ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

PEL-126 REV. 06/20

PHOENIX
Environmental Laboratories, Inc.

Thursday, March 31, 2022

Attn: Ben Caswell
Tighe & Bond
213 Court St, Suite 1100
Middletown, CT 06457

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724
SDG ID: GCK96105
Sample ID#s: CK96105

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

March 31, 2022

SDG I.D.: GCK96105

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724

Client Id	Lab Id	Matrix
FRAC TANK	CK96105	GROUND WATER

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

March 31, 2022

FOR: Attn: Ben Caswell
Tighe & Bond
213 Court St, Suite 1100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		03/29/22	
Location Code:	TIGHE-EVER	Received by:	SW	03/29/22	10:34
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	10948703				

Laboratory Data

SDG ID: GCK96105
Phoenix ID: CK96105

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724
Client ID: FRAC TANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	1	03/30/22	CPP	SW6010D
Arsenic	< 0.004	0.004	mg/L	1	03/30/22	CPP	SW6010D
Barium	0.125	0.002	mg/L	1	03/30/22	CPP	SW6010D
Cadmium	< 0.001	0.001	mg/L	1	03/30/22	CPP	SW6010D
Chromium	0.040	0.001	mg/L	1	03/30/22	CPP	SW6010D
Mercury	< 0.0002	0.0002	mg/L	1	03/30/22	MGH	SW7470A
Lead	0.010	0.002	mg/L	1	03/30/22	CPP	SW6010D
Selenium	< 0.010	0.010	mg/L	1	03/30/22	CPP	SW6010D
pH	10.74	1.00	pH Units	1	03/30/22 03:42	MW/EG	SM4500-H B-11
Extraction of ETPH	Completed				03/29/22	J/DW	SW3510C/SW3520C
Mercury Digestion	Completed				03/30/22	AB/AB	SW7470A
PCB Extraction	Completed				03/29/22	F/F	SW3510C
Total Metals Digestion	Completed				03/29/22	AG	
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	0.067	mg/L	1	03/30/22	JRB	CTETPH 8015D
Identification	ND		mg/L	1	03/30/22	JRB	CTETPH 8015D
QA/QC Surrogates							
% Terphenyl (surr)	77		%	1	03/30/22	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1221	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1232	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1242	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1248	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1254	ND	0.26	ug/L	1	03/30/22	SC	SW8082A

Ver 1

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724
Client ID: FRAC TANK
Phoenix I.D.: CK96105

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1260	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1262	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
PCB-1268	ND	0.26	ug/L	1	03/30/22	SC	SW8082A
QA/QC Surrogates							
% DCBP	103		%	1	03/30/22	SC	30 - 150 %
% DCBP (Confirmation)	135		%	1	03/30/22	SC	30 - 150 %
% TCMX	93		%	1	03/30/22	SC	30 - 150 %
% TCMX (Confirmation)	91		%	1	03/30/22	SC	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	03/30/22	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	03/30/22	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	03/30/22	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
4-Chlorotoluene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	03/30/22	MH	SW8260C
Acetone	43	S 25	ug/L	1	03/30/22	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Benzene	ND	0.70	ug/L	1	03/30/22	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	03/30/22	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	03/30/22	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Chloroform	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724
Client ID: FRAC TANK
Phoenix I.D.: CK96105

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	03/30/22	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	03/30/22	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	03/30/22	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	03/30/22	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Styrene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	03/30/22	MH	SW8260C
Toluene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	03/30/22	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	03/30/22	MH	SW8260C
Trichloroethene	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	03/30/22	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	03/30/22	MH	70 - 130 %
% Bromofluorobenzene	101		%	1	03/30/22	MH	70 - 130 %
% Dibromofluoromethane	99		%	1	03/30/22	MH	70 - 130 %
% Toluene-d8	98		%	1	03/30/22	MH	70 - 130 %

Project ID: EVERSOURCE-ROCKVILLE LINES 1606/1724 Phoenix I.D.: CK96105
Client ID: FRAC TANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
March 31, 2022
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

March 31, 2022

QA/QC Data

SDG I.D.: GCK96105

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 617884 (mg/L), QC Sample No: CK96728 (CK96105)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	101			87.3			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 617812 (mg/L), QC Sample No: CK95876 (CK96105)													
ICP Metals - Aqueous													
Arsenic	BRL	0.004	<0.004	<0.004	NC	103	102	1.0	102			80 - 120	20
Barium	BRL	0.002	0.032	0.033	3.10	106	105	0.9	108			80 - 120	20
Cadmium	BRL	0.001	<0.001	<0.001	NC	107	105	1.9	109			80 - 120	20
Chromium	BRL	0.001	<0.001	<0.001	NC	107	106	0.9	109			80 - 120	20
Lead	BRL	0.002	0.003	0.002	NC	104	103	1.0	105			80 - 120	20
Selenium	BRL	0.010	<0.010	<0.010	NC	97.3	96.9	0.4	92.7			80 - 120	20
Silver	BRL	0.001	<0.001	<0.001	NC	101	99.6	1.4	103			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

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QA/QC Report

March 31, 2022

QA/QC Data

SDG I.D.: GCK96105

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 617901 (pH), QC Sample No: CK96206 (CK96105)													
pH			6.93	6.97	0.60	98.3						85 - 115	20

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QA/QC Report

March 31, 2022

QA/QC Data

SDG I.D.: GCK96105

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 617806 (mg/L), QC Sample No: CK94334 (CK96105)										
TPH by GC (Extractable Products) - Ground Water										
Ext. Petroleum H.C. (C9-C36)	ND	0.10	111	114	2.7				60 - 120	30
% Terphenyl (surr)	94	%	94	98	4.2				50 - 150	20
Comment:										
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.										
QA/QC Batch 617779 (ug/L), QC Sample No: CK95605 (CK96105)										
Polychlorinated Biphenyls - Ground Water										
PCB-1016	ND	0.050	101	95	6.1				40 - 140	20
PCB-1221	ND	0.050							40 - 140	20
PCB-1232	ND	0.050							40 - 140	20
PCB-1242	ND	0.050							40 - 140	20
PCB-1248	ND	0.050							40 - 140	20
PCB-1254	ND	0.050							40 - 140	20
PCB-1260	ND	0.050	102	95	7.1				40 - 140	20
PCB-1262	ND	0.050							40 - 140	20
PCB-1268	ND	0.050							40 - 140	20
% DCBP (Surrogate Rec)	91	%	110	93	16.7				30 - 150	20
% DCBP (Surrogate Rec) (Confirm	91	%	113	96	16.3				30 - 150	20
% TCMX (Surrogate Rec)	71	%	103	92	11.3				30 - 150	20
% TCMX (Surrogate Rec) (Confirm	70	%	102	92	10.3				30 - 150	20
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
QA/QC Batch 618165 (ug/L), QC Sample No: CK96105 (CK96105)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	107	106	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	105	107	1.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	99	101	2.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	101	102	1.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	94	95	1.1				70 - 130	30
1,1-Dichloroethene	ND	1.0	97	99	2.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	101	103	2.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	106	108	1.9				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	97	100	3.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	103	105	1.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	99	101	2.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	112	113	0.9				70 - 130	30
1,2-Dibromoethane	ND	1.0	108	106	1.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	99	100	1.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	113	113	0.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	91	91	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCK96105

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3,5-Trimethylbenzene	ND	1.0	100	101	1.0				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	97	99	2.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	103	103	0.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	98	1.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	104	103	1.0				70 - 130	30
2-Chlorotoluene	ND	1.0	98	99	1.0				70 - 130	30
2-Hexanone	ND	5.0	97	98	1.0				70 - 130	30
2-Isopropyltoluene	ND	1.0	99	101	2.0				70 - 130	30
4-Chlorotoluene	ND	1.0	99	101	2.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	99	100	1.0				70 - 130	30
Acetone	ND	5.0	104	111	6.5				70 - 130	30
Acrylonitrile	ND	5.0	95	96	1.0				70 - 130	30
Benzene	ND	0.70	95	97	2.1				70 - 130	30
Bromobenzene	ND	1.0	101	104	2.9				70 - 130	30
Bromochloromethane	ND	1.0	100	99	1.0				70 - 130	30
Bromodichloromethane	ND	0.50	109	110	0.9				70 - 130	30
Bromoform	ND	1.0	123	122	0.8				70 - 130	30
Bromomethane	ND	1.0	91	89	2.2				70 - 130	30
Carbon Disulfide	ND	1.0	88	88	0.0				70 - 130	30
Carbon tetrachloride	ND	1.0	108	108	0.0				70 - 130	30
Chlorobenzene	ND	1.0	98	98	0.0				70 - 130	30
Chloroethane	ND	1.0	94	95	1.1				70 - 130	30
Chloroform	ND	1.0	102	103	1.0				70 - 130	30
Chloromethane	ND	1.0	78	79	1.3				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	95	95	0.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	101	102	1.0				70 - 130	30
Dibromochloromethane	ND	0.50	113	114	0.9				70 - 130	30
Dibromomethane	ND	1.0	106	108	1.9				70 - 130	30
Dichlorodifluoromethane	ND	1.0	77	77	0.0				70 - 130	30
Ethylbenzene	ND	1.0	100	100	0.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	102	104	1.9				70 - 130	30
Isopropylbenzene	ND	1.0	98	100	2.0				70 - 130	30
m&p-Xylene	ND	1.0	100	100	0.0				70 - 130	30
Methyl ethyl ketone	ND	5.0	93	94	1.1				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	106	106	0.0				70 - 130	30
Methylene chloride	ND	1.0	90	89	1.1				70 - 130	30
Naphthalene	ND	1.0	107	111	3.7				70 - 130	30
n-Butylbenzene	ND	1.0	100	101	1.0				70 - 130	30
n-Propylbenzene	ND	1.0	98	99	1.0				70 - 130	30
o-Xylene	ND	1.0	97	97	0.0				70 - 130	30
p-Isopropyltoluene	ND	1.0	102	104	1.9				70 - 130	30
sec-Butylbenzene	ND	1.0	100	102	2.0				70 - 130	30
Styrene	ND	1.0	102	101	1.0				70 - 130	30
tert-Butylbenzene	ND	1.0	101	103	2.0				70 - 130	30
Tetrachloroethene	ND	1.0	102	104	1.9				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	90	90	0.0				70 - 130	30
Toluene	ND	1.0	96	98	2.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	99	98	1.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	105	107	1.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	100	104	3.9				70 - 130	30
Trichloroethene	ND	1.0	100	101	1.0				70 - 130	30
Trichlorofluoromethane	ND	1.0	108	108	0.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	96	96	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCK96105

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	1.0	86	86	0.0				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	102	1.0				70 - 130	30
% Bromofluorobenzene	100	%	103	102	1.0				70 - 130	30
% Dibromofluoromethane	100	%	99	98	1.0				70 - 130	30
% Toluene-d8	98	%	99	99	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
March 31, 2022

Thursday, March 31, 2022

Criteria: CT: GAM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCK96105 - TIGHE-EVER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Tighe & Bond

Project Location: EVERSOURCE-ROCKVILLE LINES 16 ***Project Number:***

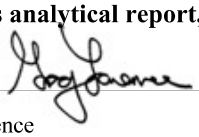
Laboratory Sample ID(s): CK96105 ***Sampling Date(s):*** 3/29/2022

List RCP Methods Used (e.g., 8260, 8270, et cetera) 6010, 7470/7471, 8082, 8260, ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☑ Yes ☐ No ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  **Position:** Assistant Lab Director

Printed Name: Greg Lawrence **Date:** Thursday, March 31, 2022

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

March 31, 2022

SDG I.D.: GCK96105

SDG Comments

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. Only the RCRA 8 Metals are reported as requested on the chain of custody.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-XL1 03/30/22-1 Jeff Bucko, Chemist 03/30/22

CK96105 (1X)

The initial calibration (ETPH228I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (330A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:
Samples: CK96105
Preceding CC 330A015 - ETPH (C9-C36) 49%H (30%)
Succeeding CC 330A027 - None.

QC (Batch Specific):

Batch 617806 (CK94334)

CK96105

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Mercury Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

MERLIN 03/30/22 12:29 Mike Hornak, Chemist 03/30/22

CK96105

The method preparation blank, ICB, and CCBs contain all of the acids and reagents as the samples.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 617884 (CK96728)

CK96105

All LCS recoveries were within 80 - 120 with the following exceptions: None.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Certification Report

March 31, 2022

SDG I.D.: GCK96105

Mercury Narration

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

ICP Metals Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

BLUE 03/30/22 08:08 Cindy Pearce, Chemist 03/30/22

CK96105

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 617812 (CK95876)

CK96105

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD24 03/30/22-1 Saadia Chudary, Chemist 03/30/22

CK96105 (1X)

The initial calibration (PC315AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC315BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 617779 (CK95605)

CK96105

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

March 31, 2022

SDG I.D.: GCK96105

PCB Narration

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM23 03/30/22-1 Michael Hahn, Chemist 03/30/22

CK96105 (1X)

Initial Calibration Evaluation (CHEM23/VOA23_032622):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: Methylene chloride 23% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.083 (0.1), Tetrachloroethene 0.186 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM23/0330_03-VOA23_032622):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 618165 (CK96105) CHEM23 3/30/2022-1

CK96105(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 2.1C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☒ No ☐
Coolant: IPK ☐ ICE ☒ No ☐

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.1 °C Pg 1 of 1

Data Delivery/Contact Options:
Fax: Rgille@tighebond.com
Phone: drew.blicharz@eversource.com
Email: bcaswell@tighebond.com

Customer: Tighe & Bond, Inc.
Address: 213 Court Street, Suite 1100
Middletown, CT
Attn Ben Caswell

Project: Eversource -Rockville Lines 1606/1724
Report to: Drew Blicharz/Ben Caswell
Invoice to: Eversource Direct Bill-Attn. Dean Bebis
QUOTE # _____

Project P.O.: 10948703

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 3-29-22

Client Sample Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil
B=Bulk L=Liquid X = _____(Other)

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
91615	Frac Tank	GW	3/29/2022	
	Reference			

Analysis Request

VOCs via EPA Method 8260C	ETPH/ EPA Method 8015C	Total RCRA 8 Metals via EPA Method 6000/7000	PCBs via EPA Method 8082A	pH	MSMSD *	GL Amber 8 oz. w/HNO3	Soil VOA Vials (1) methanol (2) H2O	GL Soil container (8) 2 oz	40 ml VOA Vial (4) 2 oz	GL Amber 1000ml (X) As is (X) 1:1 HCl	PL As is (X) 250ml (X) As is (X) 1:1 H2SO4	PL H2SO4 (1) 250ml (1) 500ml (1) 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
X	X	X	X	X				3	2	1			1			

Relinquished by: [signature] **Accepted by:** [signature] **Date:** 3.29.22 **Time:** 1034

Comments, Special Requirements or Regulations:
Project Reference: 1606/1724 Lines STR 6713

Turnaround Time:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
■ Standard-5 day
☐ Other
* SURCHARGE APPLIES

MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

RI
☐ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☐ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
■ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
■ Residential DEC
■ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: CT

Data Format
☐ Excel
■ PDF
☐ GIS/Key
☐ EQuIS
■ Other-Envirodata

Data Package
☐ Tier II Checklist
☐ Full Data Package*
■ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

Tuesday, August 16, 2022

Attn: Richard Gille
Tighe & Bond
213 Court St, Suite 1100
Middletown, CT 06457

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
SDG ID: GCM01691
Sample ID#s: CM01691

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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PHOENIX
Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

August 16, 2022

SDG I.D.: GCM01691

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE

Client Id	Lab Id	Matrix
RSS-WC 1	CM01691	SOIL

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 16, 2022

FOR: Attn: Richard Gille
Tighe & Bond
213 Court St, Suite 1100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/10/22	9:50
Location Code:	TIGHE-EVER	Received by:	SW	08/10/22	14:45
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	13005610				

Laboratory Data

SDG ID: GCM01691
Phoenix ID: CM01691

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Client ID: RSS-WC 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	1	08/11/22	EK	SW6010D
Arsenic	2.92	0.80	mg/Kg	1	08/11/22	EK	SW6010D
Barium	64.2	0.40	mg/Kg	1	08/11/22	EK	SW6010D
Cadmium	< 0.40	0.40	mg/Kg	1	08/11/22	EK	SW6010D
Chromium	17.9	0.40	mg/Kg	1	08/11/22	EK	SW6010D
Mercury	0.16	0.03	mg/Kg	2	08/11/22	IE	SW7471B
Lead	46.8	0.40	mg/Kg	1	08/11/22	EK	SW6010D
Selenium	< 1.6	1.6	mg/Kg	1	08/11/22	EK	SW6010D
TCLP Lead	0.015	0.010	mg/L	1	08/11/22	CPP	SW846 1311/6010
TCLP Metals Digestion	Completed				08/11/22	KL/AB	SW3005A
Percent Solid	88		%		08/10/22	K	SW846-%Solid
Flash Point	>200	200	Degree F	1	08/11/22	G	SW1010B
Ignitability	Passed	140	degree F	1	08/11/22	G	SW846-Ignit
Total Cyanide (SW9010C Distill.)	11.5	0.57	mg/Kg	1	08/12/22	BJA/GD	SW9012B
Soil Extraction for PCB	Completed				08/12/22	O/Y	SW3545A
Soil Extraction for Pesticide	Completed				08/12/22	O	SW3545A
Field Extraction	Completed				08/10/22		SW5035A
Mercury Digestion	Completed				08/11/22	AB/AB	SW7471B
Extraction of ETPH	Completed				08/10/22	B/A	SW3546
Soil Extraction for Herbicide	Completed				08/11/22	M/D/MQ	SW3546
Soil Extraction for SVOA	Completed				08/10/22	B/A/Y	SW3546
Paint Filter Test	Passed		PASS/FAIL		08/10/22	O	SW9095B
TCLP Extraction for Metals	Completed				08/10/22	AB	SW1311
TCLP Extraction Volatiles	Completed				08/11/22	AB	SW1311
Total Metals Digest	Completed				08/10/22	M/AG	SW3050B

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Client ID: RSS-WC 1
Phoenix I.D.: CM01691

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	140	ug/Kg	10	08/12/22	JRB	SW8151A
2,4,5-TP (Silvex)	ND	140	ug/Kg	10	08/12/22	JRB	SW8151A
2,4-D	ND	280	ug/Kg	10	08/12/22	JRB	SW8151A
2,4-DB	ND	2800	ug/Kg	10	08/12/22	JRB	SW8151A
Dalapon	ND	140	ug/Kg	10	08/12/22	JRB	SW8151A
Dicamba	ND	140	ug/Kg	10	08/12/22	JRB	SW8151A
Dichloroprop	ND	280	ug/Kg	10	08/12/22	JRB	SW8151A
Dinoseb	ND	280	ug/Kg	10	08/12/22	JRB	SW8151A
QA/QC Surrogates							
% DCAA	80		%	10	08/12/22	JRB	30 - 150 %
% DCAA (Confirmation)	89		%	10	08/12/22	JRB	30 - 150 %
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	950	280	mg/Kg	5	08/11/22	JRB	CTETPH 8015D
Identification	**		mg/Kg	5	08/11/22	JRB	CTETPH 8015D
QA/QC Surrogates							
% COD (surr)	114		%	5	08/11/22	JRB	50 - 150 %
% Terphenyl (surr)	54		%	5	08/11/22	JRB	50 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1221	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1232	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1242	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1248	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1254	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1260	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1262	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
PCB-1268	ND	370	ug/Kg	10	08/15/22	SC	SW8082A
QA/QC Surrogates							
% DCBP	57		%	10	08/15/22	SC	30 - 150 %
% DCBP (Confirmation)	65		%	10	08/15/22	SC	30 - 150 %
% TCMX	47		%	10	08/15/22	SC	30 - 150 %
% TCMX (Confirmation)	45		%	10	08/15/22	SC	30 - 150 %
Pesticides							
4,4' -DDD	ND	1.5	ug/Kg	2	08/13/22	AW	SW8081B
4,4' -DDE	6.9	1.5	ug/Kg	2	08/13/22	AW	SW8081B
4,4' -DDT	ND	3.0	ug/Kg	2	08/13/22	AW	SW8081B
a-BHC	ND	5.0	ug/Kg	2	08/13/22	AW	SW8081B
Alachlor	ND	7.5	ug/Kg	2	08/13/22	AW	SW8081B
Aldrin	ND	1.5	ug/Kg	2	08/13/22	AW	SW8081B
b-BHC	ND	1.5	ug/Kg	2	08/13/22	AW	SW8081B
Chlordane	ND	38	ug/Kg	2	08/13/22	AW	SW8081B
d-BHC	ND	1.5	ug/Kg	2	08/13/22	AW	SW8081B
Dieldrin	ND	10	ug/Kg	2	08/13/22	AW	SW8081B
Endosulfan I	ND	7.5	ug/Kg	2	08/13/22	AW	SW8081B
Endosulfan II	ND	10	ug/Kg	2	08/13/22	AW	SW8081B

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Client ID: RSS-WC 1
Phoenix I.D.: CM01691

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Endosulfan sulfate	ND	15	ug/Kg	2	08/13/22	AW	SW8081B
Endrin	ND	7.5	ug/Kg	2	08/13/22	AW	SW8081B
Endrin aldehyde	ND	7.5	ug/Kg	2	08/13/22	AW	SW8081B
Endrin ketone	ND	7.5	ug/Kg	2	08/13/22	AW	SW8081B
g-BHC	ND	1.5	ug/Kg	2	08/13/22	AW	SW8081B
Heptachlor	ND	20	ug/Kg	2	08/13/22	AW	SW8081B
Heptachlor epoxide	ND	7.5	ug/Kg	2	08/13/22	AW	SW8081B
Methoxychlor	ND	38	ug/Kg	2	08/13/22	AW	SW8081B
Toxaphene	ND	150	ug/Kg	2	08/13/22	AW	SW8081B
QA/QC Surrogates							
% DCBP	57		%	2	08/13/22	AW	30 - 150 %
% DCBP (Confirmation)	61		%	2	08/13/22	AW	30 - 150 %
% TCMX	40		%	2	08/13/22	AW	30 - 150 %
% TCMX (Confirmation)	62		%	2	08/13/22	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.7	ug/Kg	1	08/11/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,1-Dichloroethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,1-Dichloroethene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,1-Dichloropropene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	08/11/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.61	ug/Kg	1	08/11/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2-Dichloroethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,2-Dichloropropane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,3-Dichloropropane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
2,2-Dichloropropane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
2-Chlorotoluene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
2-Hexanone	ND	31	ug/Kg	1	08/11/22	JLI	SW8260C
2-Isopropyltoluene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
4-Chlorotoluene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	ug/Kg	1	08/11/22	JLI	SW8260C
Acetone	ND	310	ug/Kg	1	08/11/22	JLI	SW8260C
Acrylonitrile	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Benzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Bromobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Bromochloromethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Bromodichloromethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Bromoform	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Bromomethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Client ID: RSS-WC 1
Phoenix I.D.: CM01691

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Carbon Disulfide	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Carbon tetrachloride	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Chlorobenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Chloroethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Chloroform	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Chloromethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Dibromochloromethane	ND	3.7	ug/Kg	1	08/11/22	JLI	SW8260C
Dibromomethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Dichlorodifluoromethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Ethylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Hexachlorobutadiene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Isopropylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
m&p-Xylene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	37	ug/Kg	1	08/11/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	08/11/22	JLI	SW8260C
Methylene chloride	ND	12	ug/Kg	1	08/11/22	JLI	SW8260C
Naphthalene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
n-Butylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
n-Propylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
o-Xylene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
p-Isopropyltoluene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
sec-Butylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Styrene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
tert-Butylbenzene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Tetrachloroethene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	08/11/22	JLI	SW8260C
Toluene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Total Xylenes	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	08/11/22	JLI	SW8260C
Trichloroethene	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Trichlorofluoromethane	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	12	ug/Kg	1	08/11/22	JLI	SW8260C
Vinyl chloride	ND	6.1	ug/Kg	1	08/11/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/11/22	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	08/11/22	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	08/11/22	JLI	70 - 130 %
% Toluene-d8	97		%	1	08/11/22	JLI	70 - 130 %
TCLP Benzene	ND	100	ug/L	10	08/12/22	HM	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	08/11/22	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D

Ver 1

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Phoenix I.D.: CM01691
Client ID: RSS-WC 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,3-Dichlorobenzene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2,4-Dinitrophenol	ND	300	ug/Kg	1	08/11/22	WB	SW8270D
2,4-Dinitrotoluene	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
2,6-Dinitrotoluene	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2-Methylnaphthalene	740	260	ug/Kg	1	08/11/22	WB	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
2-Nitroaniline	ND	300	ug/Kg	1	08/11/22	WB	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	550	370	ug/Kg	1	08/11/22	WB	SW8270D
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
3-Nitroaniline	ND	300	ug/Kg	1	08/11/22	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	08/11/22	WB	SW8270D
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	08/11/22	WB	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
4-Chloroaniline	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
4-Nitroaniline	ND	300	ug/Kg	1	08/11/22	WB	SW8270D
4-Nitrophenol	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Acenaphthene	530	260	ug/Kg	1	08/11/22	WB	SW8270D
Acenaphthylene	4400	260	ug/Kg	1	08/11/22	WB	SW8270D
Acetophenone	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Aniline	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
Anthracene	6100	260	ug/Kg	1	08/11/22	WB	SW8270D
Benz(a)anthracene	62000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Benzidine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
Benzo(a)pyrene	69000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Benzo(b)fluoranthene	55000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Benzo(ghi)perylene	30000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Benzo(k)fluoranthene	49000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Benzoic acid	ND	750	ug/Kg	1	08/11/22	WB	SW8270D
Benzyl butyl phthalate	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	08/11/22	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	1	08/11/22	WB	SW8270D
Carbazole	2500	370	ug/Kg	1	08/11/22	WB	SW8270D
Chrysene	53000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Dibenz(a,h)anthracene	13000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Dibenzofuran	1200	260	ug/Kg	1	08/11/22	WB	SW8270D
Diethyl phthalate	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Dimethylphthalate	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Di-n-butylphthalate	ND	370	ug/Kg	1	08/11/22	WB	SW8270D

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Phoenix I.D.: CM01691
Client ID: RSS-WC 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Di-n-octylphthalate	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Fluoranthene	68000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Fluorene	1600	260	ug/Kg	1	08/11/22	WB	SW8270D
Hexachlorobenzene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Hexachloroethane	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	39000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Isophorone	ND	260	ug/Kg	1	08/11/22	WB	SW8270D
Naphthalene	2100	260	ug/Kg	1	08/11/22	WB	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
Pentachloronitrobenzene	ND	140	ug/Kg	1	08/11/22	WB	SW8270D
Pentachlorophenol	ND	370	ug/Kg	1	08/11/22	WB	SW8270D
Phenanthrene	19000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Phenol	580	260	ug/Kg	1	08/11/22	WB	SW8270D
Pyrene	65000	2600	ug/Kg	10	08/11/22	WB	SW8270D
Pyridine	ND	200	ug/Kg	1	08/11/22	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101		%	1	08/11/22	WB	30 - 130 %
% 2-Fluorobiphenyl	77		%	1	08/11/22	WB	30 - 130 %
% 2-Fluorophenol	73		%	1	08/11/22	WB	30 - 130 %
% Nitrobenzene-d5	84		%	1	08/11/22	WB	30 - 130 %
% Phenol-d5	81		%	1	08/11/22	WB	30 - 130 %
% Terphenyl-d14	85		%	1	08/11/22	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out		%	10	08/11/22	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	08/11/22	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out		%	10	08/11/22	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	08/11/22	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out		%	10	08/11/22	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	08/11/22	WB	30 - 130 %

Project ID: ROCKVILLE 14W SUBSTATION-EVERSOURCE
Client ID: RSS-WC 1
Phoenix I.D.: CM01691

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

Paint Filter Test:
Pass = no free liquids were detected. Fail = free liquids were detected.

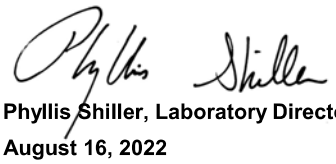
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the affected compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 16, 2022
Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 16, 2022

QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 636998 (mg/kg), QC Sample No: CM01692 2X (CM01691)														
Mercury - Soil	BRL	0.03	<0.03	<0.02	NC	123	124	0.8	115	108	6.3	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 636910 (mg/kg), QC Sample No: CM01679 (CM01691)														
ICP Metals - Soil														
Arsenic	BRL	0.67	1.63	1.21	NC	97.5	104	6.5	98.3			75 - 125	35	
Barium	BRL	0.33	173	180	4.00	100	111	10.4	130			75 - 125	35	m
Cadmium	BRL	0.33	<0.30	<0.36	NC	102	116	12.8	99.2			75 - 125	35	
Chromium	BRL	0.33	44.9	45.0	0.20	103	117	12.7	98.9			75 - 125	35	
Lead	BRL	0.33	26.9	21.3	23.2	96.7	108	11.0	96.7			75 - 125	35	
Selenium	BRL	1.3	<1.2	<1.4	NC	98.8	108	8.9	95.7			75 - 125	35	
Silver	BRL	0.33	<0.30	<0.36	NC	95.1	104	8.9	99.7			75 - 125	35	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														
QA/QC Batch 637005 (mg/L), QC Sample No: CM02518 (CM01691)														
ICP Metals - TCLP Extraction														
Lead	BRL	0.010	1.58	1.59	0.60	108	109	0.9	105			80 - 120	20	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

m = This parameter is outside laboratory MS/MSD specified recovery limits.

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QA/QC Report

August 16, 2022

QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 637228 (mg/Kg), QC Sample No: CM01685 50X (CM01691)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.42	<0.51	NC	91.5			90.5			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 637052 (Degree F), QC Sample No: CM01952 (CM01691)													
Flash Point			>200	>200	NC	100						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													

PHOENIX
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QA/QC Report

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QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 636874 (mg/Kg), QC Sample No: CM00509 (CM01691)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum H.C. (C9-C36)	ND	50	84	90	6.9	106	92	14.1	60 - 120	30	
% COD (surr)	69	%	105	106	0.9	82	95	14.7	50 - 150	30	
% Terphenyl (surr)	79	%	95	93	2.1	83	100	18.6	50 - 150	30	
Comment:											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 637084 (ug/Kg), QC Sample No: CM01679 10X (CM01691)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	130	63	65	3.1	52	55	5.6	40 - 140	30	
2,4,5-TP (Silvex)	ND	130	56	62	10.2	52	52	0.0	40 - 140	30	
2,4-D	ND	250	62	71	13.5	48	48	0.0	40 - 140	30	
2,4-DB	ND	2500	54	68	23.0	52	55	5.6	40 - 140	30	
Dalapon	ND	130	50	54	7.7	33	37	11.4	40 - 140	30	
Dicamba	ND	130	62	69	10.7	54	58	7.1	40 - 140	30	
Dichloroprop	ND	130	106	76	33.0	56	57	1.8	40 - 140	30	r
Dinoseb	ND	130	71	72	1.4	64	59	8.1	40 - 140	30	
% DCAA (Surrogate Rec)	83	%	70	82	15.8	73	77	5.3	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	84	%	82	90	9.3	81	77	5.1	30 - 150	30	
Comment:											
Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.											
QA/QC Batch 637315 (ug/Kg), QC Sample No: CM04421 2X (CM01691)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	75	71	5.5	65	68	4.5	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	84	77	8.7	72	93	25.5	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	67	%	78	82	5.0	77	76	1.3	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	76	%	83	78	6.2	72	80	10.5	30 - 150	30	
% TCMX (Surrogate Rec)	69	%	79	71	10.7	56	70	22.2	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	66	%	74	78	5.3	66	58	12.9	30 - 150	30	
QA/QC Batch 637126 (ug/Kg), QC Sample No: CM03027 2X (CM01691)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	72	64	11.8	58	53	9.0	40 - 140	30	
4,4' -DDE	ND	1.7	65	61	6.3	59	53	10.7	40 - 140	30	

QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4,4' -DDT	ND	1.7	64	58	9.8	54	49	9.7	40 - 140	30
a-BHC	ND	1.0	54	53	1.9	56	51	9.3	40 - 140	30
Alachlor	ND	3.3	NA	NA	NC	NA	NA	NC	40 - 140	30
Aldrin	ND	1.0	58	59	1.7	60	55	8.7	40 - 140	30
b-BHC	ND	1.0	67	65	3.0	67	63	6.2	40 - 140	30
Chlordane	ND	33	63	60	4.9	61	56	8.5	40 - 140	30
d-BHC	ND	3.3	80	77	3.8	77	69	11.0	40 - 140	30
Dieldrin	ND	1.0	63	59	6.6	57	52	9.2	40 - 140	30
Endosulfan I	ND	3.3	59	59	0.0	58	52	10.9	40 - 140	30
Endosulfan II	ND	3.3	66	63	4.7	58	50	14.8	40 - 140	30
Endosulfan sulfate	ND	3.3	77	70	9.5	62	57	8.4	40 - 140	30
Endrin	ND	3.3	66	61	7.9	65	58	11.4	40 - 140	30
Endrin aldehyde	ND	3.3	66	63	4.7	62	52	17.5	40 - 140	30
Endrin ketone	ND	3.3	74	68	8.5	59	53	10.7	40 - 140	30
g-BHC	ND	1.0	57	56	1.8	59	55	7.0	40 - 140	30
Heptachlor	ND	3.3	56	55	1.8	58	53	9.0	40 - 140	30
Heptachlor epoxide	ND	3.3	63	60	4.9	62	55	12.0	40 - 140	30
Methoxychlor	ND	3.3	71	65	8.8	59	52	12.6	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	69	%	69	62	10.7	58	52	10.9	30 - 150	30
% DCBP (Confirmation)	59	%	60	54	10.5	56	52	7.4	30 - 150	30
% TCMX	53	%	52	51	1.9	53	50	5.8	30 - 150	30
% TCMX (Confirmation)	52	%	51	49	4.0	54	50	7.7	30 - 150	30
QA/QC Batch 636920 (ug/kg), QC Sample No: CM01906 (CM01691)										
Semivolatiles - Soil										
1,2,4,5-Tetrachlorobenzene	ND	230	73	79	7.9	78	73	6.6	40 - 140	30
1,2,4-Trichlorobenzene	ND	230	67	68	1.5	74	69	7.0	40 - 140	30
1,2-Dichlorobenzene	ND	180	58	55	5.3	65	59	9.7	40 - 140	30
1,2-Diphenylhydrazine	ND	230	72	78	8.0	75	68	9.8	40 - 140	30
1,3-Dichlorobenzene	ND	230	55	52	5.6	61	55	10.3	40 - 140	30
1,4-Dichlorobenzene	ND	230	56	53	5.5	62	57	8.4	40 - 140	30
2,2'-Oxybis(1-Chloropropane)	ND	230	52	52	0.0	57	52	9.2	40 - 140	30
2,4,5-Trichlorophenol	ND	230	90	97	7.5	97	87	10.9	40 - 140	30
2,4,6-Trichlorophenol	ND	130	88	95	7.7	96	87	9.8	30 - 130	30
2,4-Dichlorophenol	ND	130	81	87	7.1	85	80	6.1	30 - 130	30
2,4-Dimethylphenol	ND	230	79	85	7.3	83	78	6.2	30 - 130	30
2,4-Dinitrophenol	ND	230	80	86	7.2	94	88	6.6	30 - 130	30
2,4-Dinitrotoluene	ND	130	76	88	14.6	85	81	4.8	30 - 130	30
2,6-Dinitrotoluene	ND	130	73	85	15.2	82	79	3.7	40 - 140	30
2-Chloronaphthalene	ND	230	78	82	5.0	84	74	12.7	40 - 140	30
2-Chlorophenol	ND	230	67	67	0.0	74	68	8.5	30 - 130	30
2-Methylnaphthalene	ND	230	75	79	5.2	79	73	7.9	40 - 140	30
2-Methylphenol (o-cresol)	ND	230	68	71	4.3	73	66	10.1	40 - 140	30
2-Nitroaniline	ND	330	90	98	8.5	92	85	7.9	40 - 140	30
2-Nitrophenol	ND	230	66	75	12.8	81	80	1.2	40 - 140	30
3&4-Methylphenol (m&p-cresol)	ND	230	74	79	6.5	78	72	8.0	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	80	87	8.4	105	92	13.2	40 - 140	30
3-Nitroaniline	ND	330	83	91	9.2	92	85	7.9	40 - 140	30
4,6-Dinitro-2-methylphenol	ND	230	79	90	13.0	88	86	2.3	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	86	94	8.9	93	82	12.6	40 - 140	30
4-Chloro-3-methylphenol	ND	230	85	93	9.0	89	84	5.8	30 - 130	30
4-Chloroaniline	ND	230	71	73	2.8	74	70	5.6	40 - 140	30

QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4-Chlorophenyl phenyl ether	ND	230	82	89	8.2	86	79	8.5	40 - 140	30
4-Nitroaniline	ND	230	74	83	11.5	82	77	6.3	40 - 140	30
4-Nitrophenol	ND	230	102	108	5.7	102	99	3.0	30 - 130	30
Acenaphthene	ND	230	83	89	7.0	89	81	9.4	30 - 130	30
Acenaphthylene	ND	130	72	76	5.4	76	69	9.7	40 - 140	30
Acetophenone	ND	230	58	59	1.7	63	57	10.0	40 - 140	30
Aniline	ND	330	52	52	0.0	57	53	7.3	40 - 140	30
Anthracene	ND	230	82	89	8.2	89	78	13.2	40 - 140	30
Benz(a)anthracene	ND	230	78	85	8.6	84	75	11.3	40 - 140	30
Benzidine	ND	330	56	56	0.0	59	49	18.5	40 - 140	30
Benzo(a)pyrene	ND	130	77	86	11.0	81	74	9.0	40 - 140	30
Benzo(b)fluoranthene	ND	160	78	86	9.8	83	76	8.8	40 - 140	30
Benzo(ghi)perylene	ND	230	81	89	9.4	89	73	19.8	40 - 140	30
Benzo(k)fluoranthene	ND	230	80	87	8.4	80	73	9.2	40 - 140	30
Benzoic Acid	ND	670	73	86	16.4	79	84	6.1	30 - 130	30
Benzyl butyl phthalate	ND	230	86	94	8.9	93	83	11.4	40 - 140	30
Bis(2-chloroethoxy)methane	ND	230	69	72	4.3	72	67	7.2	40 - 140	30
Bis(2-chloroethyl)ether	ND	130	53	52	1.9	59	54	8.8	40 - 140	30
Bis(2-ethylhexyl)phthalate	ND	230	83	92	10.3	91	81	11.6	40 - 140	30
Carbazole	ND	230	79	86	8.5	85	76	11.2	40 - 140	30
Chrysene	ND	230	80	88	9.5	85	75	12.5	40 - 140	30
Dibenz(a,h)anthracene	ND	130	82	91	10.4	89	76	15.8	40 - 140	30
Dibenzofuran	ND	230	77	83	7.5	81	74	9.0	40 - 140	30
Diethyl phthalate	ND	230	81	88	8.3	85	77	9.9	40 - 140	30
Dimethylphthalate	ND	230	81	87	7.1	85	76	11.2	40 - 140	30
Di-n-butylphthalate	ND	670	86	93	7.8	91	81	11.6	40 - 140	30
Di-n-octylphthalate	ND	230	78	86	9.8	87	78	10.9	40 - 140	30
Fluoranthene	ND	230	83	90	8.1	87	78	10.9	40 - 140	30
Fluorene	ND	230	83	89	7.0	87	78	10.9	40 - 140	30
Hexachlorobenzene	ND	130	79	85	7.3	84	75	11.3	40 - 140	30
Hexachlorobutadiene	ND	230	66	67	1.5	75	69	8.3	40 - 140	30
Hexachlorocyclopentadiene	ND	230	66	70	5.9	56	48	15.4	40 - 140	30
Hexachloroethane	ND	130	57	55	3.6	64	58	9.8	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	87	97	10.9	94	77	19.9	40 - 140	30
Isophorone	ND	130	63	67	6.2	66	61	7.9	40 - 140	30
Naphthalene	ND	230	65	67	3.0	71	66	7.3	40 - 140	30
Nitrobenzene	ND	130	62	66	6.3	71	66	7.3	40 - 140	30
N-Nitrosodimethylamine	ND	230	50	47	6.2	56	50	11.3	40 - 140	30
N-Nitrosodi-n-propylamine	ND	130	65	68	4.5	69	63	9.1	40 - 140	30
N-Nitrosodiphenylamine	ND	130	82	89	8.2	85	78	8.6	40 - 140	30
Pentachloronitrobenzene	ND	230	73	82	11.6	80	73	9.2	40 - 140	30
Pentachlorophenol	ND	230	89	100	11.6	97	92	5.3	30 - 130	30
Phenanthrene	ND	130	79	86	8.5	85	75	12.5	40 - 140	30
Phenol	ND	230	68	70	2.9	73	67	8.6	30 - 130	30
Pyrene	ND	230	84	92	9.1	88	79	10.8	30 - 130	30
Pyridine	ND	230	38	36	5.4	44	40	9.5	40 - 140	30
% 2,4,6-Tribromophenol	70	%	87	94	7.7	97	87	10.9	30 - 130	30
% 2-Fluorobiphenyl	62	%	74	78	5.3	77	70	9.5	30 - 130	30
% 2-Fluorophenol	54	%	61	59	3.3	68	62	9.2	30 - 130	30
% Nitrobenzene-d5	51	%	59	62	5.0	69	65	6.0	30 - 130	30
% Phenol-d5	59	%	68	70	2.9	73	67	8.6	30 - 130	30
% Terphenyl-d14	72	%	82	91	10.4	88	79	10.8	30 - 130	30

QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 637274 (ug/kg), QC Sample No: CM00472 (CM01691)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	109	112	2.7				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	101	104	2.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	98	99	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	96	98	2.1				70 - 130	30
1,1-Dichloroethane	ND	5.0	90	93	3.3				70 - 130	30
1,1-Dichloroethene	ND	5.0	92	94	2.2				70 - 130	30
1,1-Dichloropropene	ND	5.0	103	100	3.0				70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	118	111	6.1				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	105	100	4.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	121	112	7.7				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	108	106	1.9				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	115	118	2.6				70 - 130	30
1,2-Dibromoethane	ND	5.0	106	108	1.9				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	101	101	0.0				70 - 130	30
1,2-Dichloroethane	ND	5.0	105	107	1.9				70 - 130	30
1,2-Dichloropropane	ND	5.0	88	90	2.2				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	108	106	1.9				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	104	101	2.9				70 - 130	30
1,3-Dichloropropane	ND	5.0	102	105	2.9				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	102	99	3.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	102	99	3.0				70 - 130	30
2-Chlorotoluene	ND	5.0	105	105	0.0				70 - 130	30
2-Hexanone	ND	25	109	111	1.8				70 - 130	30
2-Isopropyltoluene	ND	5.0	104	105	1.0				70 - 130	30
4-Chlorotoluene	ND	5.0	107	104	2.8				70 - 130	30
4-Methyl-2-pentanone	ND	25	101	102	1.0				70 - 130	30
Acetone	ND	10	83	76	8.8				70 - 130	30
Acrylonitrile	ND	5.0	88	89	1.1				70 - 130	30
Benzene	ND	1.0	92	95	3.2				70 - 130	30
Bromobenzene	ND	5.0	103	104	1.0				70 - 130	30
Bromochloromethane	ND	5.0	95	97	2.1				70 - 130	30
Bromodichloromethane	ND	5.0	103	108	4.7				70 - 130	30
Bromoform	ND	5.0	118	119	0.8				70 - 130	30
Bromomethane	ND	5.0	96	95	1.0				70 - 130	30
Carbon Disulfide	ND	5.0	90	89	1.1				70 - 130	30
Carbon tetrachloride	ND	5.0	125	127	1.6				70 - 130	30
Chlorobenzene	ND	5.0	100	99	1.0				70 - 130	30
Chloroethane	ND	5.0	98	100	2.0				70 - 130	30
Chloroform	ND	5.0	96	99	3.1				70 - 130	30
Chloromethane	ND	5.0	77	80	3.8				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	93	96	3.2				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	100	101	1.0				70 - 130	30
Dibromochloromethane	ND	3.0	113	116	2.6				70 - 130	30
Dibromomethane	ND	5.0	98	102	4.0				70 - 130	30
Dichlorodifluoromethane	ND	5.0	90	86	4.5				70 - 130	30
Ethylbenzene	ND	1.0	103	102	1.0				70 - 130	30
Hexachlorobutadiene	ND	5.0	110	101	8.5				70 - 130	30

QA/QC Data

SDG I.D.: GCM01691

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Isopropylbenzene	ND	1.0	106	107	0.9				70 - 130	30	
m&p-Xylene	ND	2.0	104	102	1.9				70 - 130	30	
Methyl ethyl ketone	ND	5.0	91	91	0.0				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	94	98	4.2				70 - 130	30	
Methylene chloride	ND	5.0	69	73	5.6				70 - 130	30	I
Naphthalene	ND	5.0	123	124	0.8				70 - 130	30	
n-Butylbenzene	ND	1.0	112	102	9.3				70 - 130	30	
n-Propylbenzene	ND	1.0	106	102	3.8				70 - 130	30	
o-Xylene	ND	2.0	105	106	0.9				70 - 130	30	
p-Isopropyltoluene	ND	1.0	111	107	3.7				70 - 130	30	
sec-Butylbenzene	ND	1.0	105	103	1.9				70 - 130	30	
Styrene	ND	5.0	108	109	0.9				70 - 130	30	
tert-Butylbenzene	ND	1.0	108	109	0.9				70 - 130	30	
Tetrachloroethene	ND	5.0	101	95	6.1				70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	92	92	0.0				70 - 130	30	
Toluene	ND	1.0	95	95	0.0				70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	94	95	1.1				70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	109	109	0.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	112	112	0.0				70 - 130	30	
Trichloroethene	ND	5.0	97	97	0.0				70 - 130	30	
Trichlorofluoromethane	ND	5.0	101	100	1.0				70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	89	85	4.6				70 - 130	30	
Vinyl chloride	ND	5.0	87	87	0.0				70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	100	0.0				70 - 130	30	
% Bromofluorobenzene	101	%	102	101	1.0				70 - 130	30	
% Dibromofluoromethane	101	%	102	100	2.0				70 - 130	30	
% Toluene-d8	96	%	99	98	1.0				70 - 130	30	

Comment:

The Low Level MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 637452 (ug/L), QC Sample No: CM01691 (CM01691 (10X))

Volatiles - TCLP

Benzene	ND	0.70	104	105	1.0	121	129	6.4	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 16, 2022

Tuesday, August 16, 2022

Criteria: CT: GAM, GBM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCM01691 - TIGHE-EVER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM01691	$8270-SMR	Dibenz(a,h)anthracene	CT / RSR DEC I/C (mg/kg) / APS Organics	13000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Indeno(1,2,3-cd)pyrene	CT / RSR DEC I/C (mg/kg) / APS Organics	39000	2600	7800	7800	ug/Kg
CM01691	$8270-SMR	Benz(a)anthracene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	62000	2600	7800	7800	ug/Kg
CM01691	$8270-SMR	Benzo(a)pyrene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	69000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(b)fluoranthene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	55000	2600	7800	7800	ug/Kg
CM01691	$8270-SMR	Benzo(ghi)perylene	CT / RSR DEC RES (mg/kg) / APS Organics	30000	2600	8400	8400	ug/Kg
CM01691	$8270-SMR	Dibenz(a,h)anthracene	CT / RSR DEC RES (mg/kg) / APS Organics	13000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Indeno(1,2,3-cd)pyrene	CT / RSR DEC RES (mg/kg) / APS Organics	39000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benz(a)anthracene	CT / RSR DEC RES (mg/kg) / Semivolatiles	62000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(a)pyrene	CT / RSR DEC RES (mg/kg) / Semivolatiles	69000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	55000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(k)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	49000	2600	8400	8400	ug/Kg
CM01691	$8270-SMR	Benzo(k)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	49000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	68000	2600	5600	5600	ug/Kg
CM01691	$8270-SMR	Phenanthrene	CT / RSR GA (mg/kg) / Semivolatiles	19000	2600	4000	4000	ug/Kg
CM01691	$8270-SMR	Pyrene	CT / RSR GA (mg/kg) / Semivolatiles	65000	2600	4000	4000	ug/Kg
CM01691	$8270-SMR	Benzo(a)pyrene	CT / RSR GA (mg/kg) / Semivolatiles	69000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benz(a)anthracene	CT / RSR GA (mg/kg) / Semivolatiles	62000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(b)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	55000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	2-Methylnaphthalene	CT / RSR GA,GAA (mg/kg) / APS Organics	740	260	560	560	ug/Kg
CM01691	$8270-SMR	Benzo(ghi)perylene	CT / RSR GA,GAA (mg/kg) / APS Organics	30000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Carbazole	CT / RSR GA,GAA (mg/kg) / APS Organics	2500	370	200	200	ug/Kg
CM01691	$8270-SMR	Dibenz(a,h)anthracene	CT / RSR GA,GAA (mg/kg) / APS Organics	13000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Dibenzofuran	CT / RSR GA,GAA (mg/kg) / APS Organics	1200	260	200	200	ug/Kg
CM01691	$8270-SMR	Indeno(1,2,3-cd)pyrene	CT / RSR GA,GAA (mg/kg) / APS Organics	39000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Chrysene	CT / RSR GA,GAA (mg/kg) / APS Organics	53000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Indeno(1,2,3-cd)pyrene	CT / RSR GB (mg/kg) / APS Organics	39000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Carbazole	CT / RSR GB (mg/kg) / APS Organics	2500	370	1000	1000	ug/Kg
CM01691	$8270-SMR	Dibenz(a,h)anthracene	CT / RSR GB (mg/kg) / APS Organics	13000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(ghi)perylene	CT / RSR GB (mg/kg) / APS Organics	30000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Chrysene	CT / RSR GB (mg/kg) / APS Organics	53000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benz(a)anthracene	CT / RSR GB (mg/kg) / Semivolatiles	62000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(a)pyrene	CT / RSR GB (mg/kg) / Semivolatiles	69000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Benzo(b)fluoranthene	CT / RSR GB (mg/kg) / Semivolatiles	55000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Fluoranthene	CT / RSR GB (mg/kg) / Semivolatiles	68000	2600	56000	56000	ug/Kg
CM01691	$8270-SMR	Benzo(k)fluoranthene	CT / RSR GB (mg/kg) / Semivolatiles	49000	2600	1000	1000	ug/Kg
CM01691	$8270-SMR	Pyrene	CT / RSR GB (mg/kg) / Semivolatiles	65000	2600	40000	40000	ug/Kg
CM01691	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR DEC RES (mg/kg) / Pest/PCB/TPH	950	280	500	500	mg/Kg
CM01691	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR GA (mg/kg) / Pesticides/TPH	950	280	500	500	mg/Kg
CM01691	$PEST_SMR	Dieldrin	CT / RSR GA (mg/kg) / Pesticides/TPH	ND	10	7	7	ug/Kg
CM01691	$PEST_SMR	Heptachlor	CT / RSR GA (mg/kg) / Pesticides/TPH	ND	20	13	13	ug/Kg
CM01691	$PEST_SMR	4,4' -DDE	CT / RSR GA,GAA (mg/kg) / APS Organics	6.9	1.5	3	3	ug/Kg

Tuesday, August 16, 2022

Criteria: CT: GAM, GBM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCM01691 - TIGHE-EVER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CM01691	$PEST_SMR	a-BHC	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	5.0	2	2	ug/Kg
CM01691	$PEST_SMR	Heptachlor	CT / RSR GB (mg/kg) / Pesticides/TPH	ND	20	13	13	ug/Kg
CM01691	$PEST_SMR	Dieldrin	CT / RSR GB (mg/kg) / Pesticides/TPH	ND	10	7	7	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20
Page 211 of 259

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** Tighe & Bond

Project Location: ROCKVILLE 14W SUBSTATION-EVE ***Project Number:***

Laboratory Sample ID(s): CM01691 ***Sampling Date(s):*** 8/10/2022

List RCP Methods Used (e.g., 8260, 8270, et cetera) 1311/1312, 6010, 7470/7471, 8081, 8082, 8151, 8260, 8270, ETPH, 9010/9012

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☑ Yes ☐ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: Herbicide Narration, SVOA Narration, VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☐ Yes ☑ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☐ Yes ☑ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee **Position:** Project Manager

Printed Name: Ethan Lee **Date:** Tuesday, August 16, 2022

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 16, 2022

SDG I.D.: GCM01691

SDG Comments

Metals Analysis:
The client requested a shorter list of elements than the 6010 RCP list. Only the RCRA 8 Metals are reported as requested on the chain of custody.

Sample(s) required a dilution for Pesticides due to a matrix interference and/or the presence of non-target material in the sample. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

LACHAT 08/12/22-1 Dan Kinney, Greg Danielewski, Chemist 08/12/22

CM01691

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

QC (Batch Specific):

Batch 637228 (CM01685)

CM01691

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-FID1 08/11/22-1 Jeff Bucko, Chemist 08/11/22

CM01691 (5X)

The initial calibration (ET_705I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (811A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 636874 (CM00509)

CM01691

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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ETPH Narration

Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Herbicide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 637084 (Samples: CM01691): -----

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, but these analytes were not reported in the sample(s) so no variability is suspected. (Dichloroprop)

Instrument:

AU-ECD12 08/12/22-1 Jeff Bucko, Chemist 08/12/22

CM01691 (10X)

The initial calibration (HRB810AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (HRB810BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 637084 (CM01679)

CM01691

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: Dichloroprop(33.0%)
Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.

Mercury Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

MERLIN 08/11/22 09:19 Ian Enders, Chemist 08/11/22

CM01691

The method preparation blank, ICB, and CCBs contain all of the acids and reagents as the samples.
The initial calibration met all criteria including a standard run at or below the reporting level.
All calibration verification standards (ICV, CCV) met criteria.
All calibration blank verification standards (ICB, CCB) met criteria.
The matrix spike sample is used to identify spectral interference for each batch of samples, if within 85-115%, no interference is observed and no further action is taken.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 636998 (CM01692)

CM01691

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Certification Report

August 16, 2022

SDG I.D.: GCM01691

Mercury Narration

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

ICP Metals Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

ARCOS 08/11/22 08:19 Cindy Pearce, Emily Kolominskaya, Chemist 08/11/22

CM01691

Additional criteria for CCV and ICSAB:
Sodium and Potassium are poor performing elements, the laboratory's in-house limits are 85-115% (CCV) and 70-130% (ICSAB).The linear range is defined daily by the calibration range.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 636910 (CM01679)

CM01691

All LCS recoveries were within 75 - 125 with the following exceptions: None.
All LCSD recoveries were within 75 - 125 with the following exceptions: None.
All LCS/LCSD RPDs were less than 35% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

Batch 637005 (CM02518)

CM01691

All LCS recoveries were within 80 - 120 with the following exceptions: None.
All LCSD recoveries were within 80 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD1 08/15/22-1 Saadia Chudary, Chemist 08/15/22

CM01691 (10X)

The initial calibration (PC719AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC719BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

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August 16, 2022

SDG I.D.: GCM01691

PCB Narration

Batch 637315 (CM04421)

CM01691

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD4 08/12/22-1 Adam Werner, Chemist 08/12/22

CM01691 (2X)

The initial calibration (PS0728AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0728BI) RSD for the compound list was less than 20% except for the following compounds: None.
The Endrin and DDT breakdown does not exceed 15% except for the following compounds:None.
The Endrin and DDT breakdown does not exceed the maximum of 20% except for the following compounds:None.
The continuing calibration %D for the compound list was less than 20% except for the following compounds:
Samples: CM01691
Preceding CC 812B039 - 4,4'-DDT -23%L (20%), d-BHC 31%H (20%)
Succeeding CC 812B052 - d-BHC 50%H (20%), Methoxychlor -21%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

QC (Batch Specific):

Batch 637126 (CM03027)

CM01691

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 636920 (Samples: CM01691): -----

One or more analytes is below the method criteria. A low bias for these analytes is possible. (Pyridine)

Instrument:

CHEM06 08/10/22-1 Matt Richard, Chemist 08/10/22

CM01691 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

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RCP Certification Report

August 16, 2022

SDG I.D.: GCM01691

SVOA Narration

Initial Calibration Evaluation (CHEM06/6_SPLIT_0808):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.044 (0.05), 2-Nitrophenol 0.038 (0.1), Hexachlorobenzene 0.086 (0.1)
The following compounds did not meet a minimum response factors: % 2,4,6-Tribromophenol 0.044 (0.05), 2-Nitrophenol 0.038 (0.05)

Continuing Calibration Verification (CHEM06/0810_10-6_SPLIT_0808):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Hexachlorocyclopentadiene 32%H (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: 2-Nitrophenol 0.034 (0.1), Hexachlorobenzene 0.092 (0.1)
The following compounds did not meet minimum response factors: None.

CHEM36 08/11/22-1 Wes Bryon, Chemist 08/11/22

CM01691 (10X)

Initial Calibration Evaluation (CHEM36/36_SPLIT_0715):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM36/0811_03-36_SPLIT_0715):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 636920 (CM01906)

CM01691

All LCS recoveries were within 40 - 140 with the following exceptions: Pyridine(38%)
All LCSD recoveries were within 40 - 140 with the following exceptions: Pyridine(36%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

VOA Narration

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RCP Certification Report

August 16, 2022

SDG I.D.: GCM01691

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 637274 (Samples: CM01691): -----

The LCS and/or the LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (Methylene chloride)

Instrument:

CHEM03 08/11/22-1 Jane Li, Chemist 08/11/22

CM01691 (1X)

Initial Calibration Evaluation (CHEM03/VT-L080822):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 32% (20%), Methylene chloride 35% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.061 (0.1), Methyl Ethyl Ketone 0.095 (0.1), Tetrachloroethene 0.188 (0.2)
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM03/0811_04-VT-L080822):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
99% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Methylene chloride 31%L (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: Acetone 0.046 (0.05)

CHEM16 08/12/22-1 Harry Mullin, Chemist 08/12/22

CM01691 (1X, 10X)

Initial Calibration Evaluation (CHEM16/VT-H081022):
99% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM16/0812H02-VT-H081022):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 637274 (CM00472) CHEM03 8/11/2022-1

CM01691(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: Methylene chloride(69%)
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
The Low Level MS/MSD are not reported for this batch.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-

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RCP Certification Report

August 16, 2022

SDG I.D.: GCM01691

VOA Narration

160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QC (Site Specific):

Batch 637452 (CM01691) CHEM16 8/12/2022-1

CM01691(10X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: None.
All MSD recoveries were within 70 - 130 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Temperature Narration

The samples were received at 3.8C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [ ] ICE [X] No [ ]

CHAIN OF CUSTODY RECORD

Temp 3.8 °C Pg 1 of 1

PHOENIX *Environmental Laboratories, Inc.*

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Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
[ ] Fax: rgille@tighebond.com
[ ] Phone: drew.blicharz@eversource.com
[■] Email: 13005610

Customer: Tighe & Bond, Inc.
Address: 213 Court Street, Suite 1100
Middletown, CT

Project: Rockville 14W Substation Project - Eversource
Report to: Rick Gille/Drew Blicharz
Invoice to: Eversource Direct Bill-Attn.Drew Blicharz
QUOTE #

Project P.O: ~~10946703~~

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 8.10.22

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs (8260B)	SVOCs (8270D) TPH (8015D or CT ETPH))	Total Metals RCRA 8 (6010/7471)	PCBs (8082A)	Herbicides (8151) Pesticides (8081)	TCLP Benzene(1311/8260B) TCLP Lead 1311/6010A)	Total Cyanide (9010)	Ignitability (1010A)	Paint Filter Test (9095)	MS/MSD *	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz.	GL Soil container (4) oz.	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/tho	Bacteria Bottle as is
01691	RSS-WC1	S	8.10.22	0950	X	X	X	X	X	X	X	X	X		3	2	2									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8.10.22	1445

Comments, Special Requirements or Regulations:
Montville Substation

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[■] Standard-5 day
[ ] Other
* SURCHARGE APPLIES

RI
[ ] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[ ] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[■] RCP Cert
[ ] GW Protection
[ ] SW Protection
[■] GA Mobility
[■] GB Mobility
[■] Residential DEC
[■] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] 5-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: CT

Data Format
[ ] Excel
[■] PDF
[ ] GIS/Key
[ ] EQuIS
[■] Other-Envirodata

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[■] Phoenix Std Report
[ ] Other
* SURCHARGE APPLIES

Bobbi Aloisa

From: Brian Sirowich <BSirowich@TigheBond.com>
Sent: Thursday, August 11, 2022 3:22 PM
To: Bobbi Aloisa; Sarah Bell
Cc: Christopher Koelle
Subject: RE: tighe Exceedence

Hold for now. Please Run SPLP PAHs on the sample

From: Bobbi Aloisa <bobbi@phoenixlabs.com>
Sent: Thursday, August 11, 2022 2:55 PM
To: Brian Sirowich <BSirowich@TigheBond.com>; Sarah Bell <sarah@phoenixlabs.com>; Bobbi Aloisa <bobbi@phoenixlabs.com>
Subject: tighe Exceedence

[Caution - External Sender]

Hi Brian
You have exceeded , let me know if I should add on or not

TY

TIGHE-EVER CM01692 $8270-SMR - Pyrene: result of 5100 @ 240 exceeds limit of 4999

Run Disp-A and Disp-B (ON HOLD SAMPLES) for:

TCL VOCs via EPA Method 8260C (Disp-B Only) TCL SVOCs via EPA Method 8270D ETPH/ EPA Method 8015B PCBs via EPA Method 8082A Total RCRA 8 Metals via EPA Method 6000/7000 Ignitability/ Flashpoint TCL Pesticides EPA Method 8081B Herbicides Method 8151A Paint Filter Test

Bobbi Aloisa
Vice President | Director of Client Services
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike | Manchester, CT 06040
Direct Line: (860)-645-8728
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Tighe&Bond

APPENDIX B

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2761723

	Date	Time	Scale
In:	03/21/2022	11:48:09	CECT
Out:	03/21/2022	11:48:09	CECT

	Lbs.	Tns
Gross:	81,640	40.82
Tare:	30,360	15.18
Net:	51,280	25.64

Manifest: 142794
Vehicle: 64212A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Mark Tran

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20
Page 223 of 259

CLEANEARTH.

NON-RCRA HAZARDOUS WASTE MANIFEST

142794

1. GENERATOR'S NAME AND MAILING ADDRESS
CL&P dba Eversource Energy
107 Selden St
Berlin, CT 06037

GENERATOR'S SITE ADDRESS
Rockville 14W Substation
13 Maple St
Vernon, CT 06066

2. GENERATOR'S PHONE

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
Landeen 810	NOT APPLICABLE	(203) 879-1801	642JoA
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION *(INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)*	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION
21407193S
22-0135

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable national government regulations, and all applicable State of Conneticut laws and regulations. I certify that at this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)		3	21	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
JR		3	21	22

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE
11(a) CORRECTED WEIGHT AS SCALED 25.64 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Mark		3	21	22

FACILITY

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2765782

	Date	Time	Scale
In:	03/21/2022	12:14:47	CECT
Out:	03/21/2022	12:14:47	CECT

	Lbs.	Tns
Gross:	36,860	18.43
Tare:	30,060	15.03
Net:	6,800	3.40

Manifest: 142797
Vehicle: 64213A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Mark Tran

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20
Page 225 of 259

CLEANEARTH.

NON-RCRA HAZARDOUS WASTE MANIFEST

142797

1. GENERATOR'S NAME AND MAILING ADDRESS
CL&P dba Eversource Energy
107 Selden ST
Berlin, CT 06037

GENERATOR'S SITE ADDRESS
Rockville 14W Substation
13 Maple St.
Vernon, CT 06066

2. GENERATOR'S PHONE

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
Lindeen	NOT APPLICABLE	203(879)1801	64213A
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION *(INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)*	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION
21407 1935
22-0135

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable national government regulations, and all applicable State of Conneticut laws and regulations. I certify that at this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	3	21	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Tom Charbonneau		3	21	22

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE
11(a) CORRECTED WEIGHT AS SCALED 3.4 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Mark		3	21	22

FACILITY

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2792860

	Date	Time	Scale
In:	04/27/2022	09:04:49	CECT
Out:	04/27/2022	09:04:49	CECT

	Lbs.	Tns
Gross:	66,680	33.34
Tare:	37,120	18.56
Net:	29,560	14.78

Manifest: 163974
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Mark Tran

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20

SRS 990

CLEANEARTH.

NON-RCRA HAZARDOUS WASTE MANIFEST

163974

1. GENERATOR'S NAME AND MAILING ADDRESS
CL&P dba EVERSOURCE ENERGY
107 Selden St., Berlin, CT 06037

GENERATOR'S SITE ADDRESS
Rockville 14W Substation
13 Maple St.
Vernon, CT 06066

2. GENERATOR'S PHONE 860-665-5751

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SRS National LLC	NOT APPLICABLE	(860) 628-9993	60906-A CT
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION *(INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)*	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	~~DT~~ CM	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE 21407/935
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS
roll off # _____

E. HANDLING CODES FOR WASTES LISTED ABOVE
INTERIM: SO2 FINAL: T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION/AUTHORIZED AGENT: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable national government regulations, and all applicable State of Conneticut laws and regulations. I certify that at this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (ON BEHALF OF EVERSOURCE)	Drew Blichar	4	27	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Cullins Jr.	Scott Cullins Jr.	4	27	2022

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE
11(a) CORRECTED WEIGHT AS SCALED 14.78 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Mark		4	27	22

FACILITY

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2797669

	Date	Time	Scale
In:	05/02/2022	09:35:13	CECT
Out:	05/02/2022	09:35:13	CECT

	Lbs.	Tns
Gross:	72,760	36.38
Tare:	38,400	19.20
Net:	34,360	17.18

Manifest: 1884502
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut

Mark Tran

CleanEarth™

NON-RCRA HAZARDOUS WASTE MANIFEST

1884502

1. GENERATOR'S NAME AND MAILING ADDRESS: ~~CL&P dba Eversource Energy~~ 107 Selden St, Berlin, CT
2. GENERATOR'S PHONE: 860-665-5751

GENERATOR'S SITE ADDRESS: Rockville 14W Substation, 13 Maple Street, Vernon, CT 06066, 214071935

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SRS National LLC	NOT APPLICABLE	860 628 9993	60906-A (CT)
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE: INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	5	2	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Cullings Jr.	Scott Cullings Jr.	5	2	22

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE

11(a) CORRECTED WEIGHT AS SCALED 17.18 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Mark		5	2	22

FACILITY

Revised 1/29/21

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2800934

	Date	Time	Scale
In:	05/05/2022	11:05:38	CECT
Out:	05/05/2022	11:05:38	CECT

	Lbs.	Tns
Gross:	66,220	33.11
Tare:	37,240	18.62
Net:	28,980	14.49

Manifest: 1884507
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Mark Tran

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20
Page 231 of 259

CleanEarth™

NON-RCRA HAZARDOUS WASTE MANIFEST

1884507

1. GENERATOR'S NAME AND MAILING ADDRESS
CL&P dba Eversource Energy
107 Selden St.
Berlin, CT

Rockville 14W Substation
13 Maple Street
Vernon, CT 06066
214071935

2. GENERATOR'S PHONE
860-665-5751

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SRS National LLC	NOT APPLICABLE	860628-9993	60906-A (CT)
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	INTERIM: SO2 — FINAL: T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	5	5	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Culling Jr	Scott Culling Jr	5	5	22

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE

11(a) CORRECTED WEIGHT AS SCALED 14.49 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Mark		5	5	22

FACILITY

Revised 1/29/21

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2805212

	Date	Time	Scale
In:	05/11/2022	12:02:01	CECT
Out:	05/11/2022	12:02:01	CECT

	Lbs.	Tns
Gross:	63,560	31.78
Tare:	38,020	19.01
Net:	25,540	12.77

Manifest: 1884506
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Mark Tran

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20

CleanEarth™

NON-RCRA HAZARDOUS WASTE MANIFEST

1884506

1. GENERATOR'S NAME AND MAILING ADDRESS: ~~CL&P dba Eversource Energy~~ 107 Selden St, Berlin, CT
2. GENERATOR'S PHONE: 860-665-5751
GENERATOR'S SITE ADDRESS: ~~Rockville 14W Substation~~ 13 Maple Street, Vernon, CT 06066, 214071935

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SJS National LLC	NOT APPLICABLE	860 628-9993	60906-A(CT)
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE: INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)		5	11	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Cullins Jr.		5	11	2022

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE

11(a) CORRECTED WEIGHT AS SCALED 12.77 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
		5	11	22

FACILITY

Revised 1/29/21

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2805214

	Date	Time	Scale
In:	05/13/2022	11:36:41	CECT
Out:	05/13/2022	11:36:41	CECT

	Lbs.	Tns
Gross:	65,480	32.74
Tare:	37,240	18.62
Net:	28,240	14.12

Manifest: 1884503
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Stephanie Lewis

CleanEarth™

NON-RCRA HAZARDOUS WASTE MANIFEST

1884503

1. GENERATOR'S NAME AND MAILING ADDRESS: CLEEP dba Eversource Energy, 107 Selden St, Berlin, CT
2. GENERATOR'S PHONE: 860-665-5751

PROVIDER/ASSET/WORK SITE: Rockville 14W Substation, 13 Maple Street, Vernon, CT 06066, 214071935

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SRS National LLC	NOT APPLICABLE	(860) 628-9993	60906-A (CT)
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE: INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	5	13	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Cullins Jr.	Scott Cullins Jr.	5	13	2022

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE

11(a) CORRECTED WEIGHT AS SCALED 14.12 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Stepn	Stephen	5	13	22

FACILITY

Revised 1/29/21

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2808808

	Date	Time	Scale
In:	05/17/2022	10:45:09	CECT
Out:	05/17/2022	10:45:09	CECT

	Lbs.	Tns
Gross:	71,640	35.82
Tare:	38,560	19.28
Net:	33,080	16.54

Manifest: 1884504
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Sondra Zak

CleanEarth™

NON-RCRA HAZARDOUS WASTE MANIFEST

1884504

1. GENERATOR'S NAME AND MAILING ADDRESS
CL&P dba Eversource Energy
107 Selden St
Berlin, CT
860-665-5751

2. GENERATOR'S PHONE

Rockville 14W Substation
13 Maple Street
Vernon, CT 06066
214071935

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SRS National LLC	NOT APPLICABLE	860 628-9993	60906-A (CT)
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION
71640

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	5	17	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Collins Jr	Scott Collins Jr	5	17	22

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE

11(a) CORRECTED WEIGHT AS SCALED 16.54 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
		5	17	22

Revised 1/29/21

FACILITY

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2812733

	Date	Time	Scale
In:	05/24/2022	12:13:41	CECT
Out:	05/24/2022	12:13:41	CECT

	Lbs.	Tns
Gross:	60,820	30.41
Tare:	37,080	18.54
Net:	23,740	11.87

Manifest: 1884505
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Mark Tran

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20
Page 239 of 259

CleanEarth™

NON-RCRA HAZARDOUS WASTE MANIFEST

1884505

1. GENERATOR'S NAME AND MAILING ADDRESS: ~~CL&P dba Eversource Energy~~ 107 Selden St, Berlin, CT
2. GENERATOR'S PHONE: 860-665-5751
GENERATOR'S SITE ADDRESS: ~~Rockville 14W Substation~~ 13 Maple Street, Vernon, CT 06066, 214071935

3. TRANSPORTER 1 COMPANY NAME	4. US EPA ID NUMBER	A. TRANSPORTER 1'S PHONE	TRANSPORTER'S PLATE NUMBER
SRS National LLC	NOT APPLICABLE	860) 628-9993	60906-A (CT)
5. TRANSPORTER 2 COMPANY NAME	6. US EPA ID NUMBER	B. TRANSPORTER 2'S PHONE	TRANSPORTER'S PLATE NUMBER
	NOT APPLICABLE	( )	

7. DESIGNATED FACILITY NAME AND SITE ADDRESS	8. MAILING ADDRESS	C. FACILITY'S PHONE
CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	CLEAN EARTH OF CONNECTICUT 58 NORTH WASHINGTON STREET PLAINVILLE, CT 06062	(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE	E. HANDLING CODES FOR WASTES LISTED ABOVE: INTERIM	FINAL
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS	SO2	T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	5	24	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Cullins Jr.	Scott Cullins Jr.	5	24	2022

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE

11(a) CORRECTED WEIGHT AS SCALED 11.87 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Mark		5	24	22

FACILITY

Revised 1/29/21

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
CTCESQG	1	8448738723	3203225

GENERATOR

5. Generator's Name and Mailing Address
EVERSOURCE C/O ENVIRONMENTAL AFFAIR
PO BOX 270
HARTFORD,CT 06141
Generator's Phone: 860-665-5751

Generator's Site Address (if different than mailing address)
CL&P DBA EVERSOURCE ENERGY
13 MAPLE STREET
VERNON,CT 06066

6. Transporter 1 Company Name: TRADEBE TRANSPORTATION, LLC — U.S. EPA ID Number: CTD021816889

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
TRADEBE T&R NORTHEAST, LLC
136 GRACEY AVE
MERIDEN,CT 06451
Facility's Phone: 203-238-6745
U.S. EPA ID Number: CTD021816889

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON DOT / NON RCRA REGULATED MATERIAL (GROUNDWATER)	1	TT	3800	G	CR04
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
001) ERG 1000368587 SO: 3203225

V31

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: DREW BLICHARZ (AS AGENT FOR EVERSOURCE) — Signature: [signature] — Month 5 Day 25 Year 22

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tony Yearwood — Signature: [signature] — Month 5 Day 25 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Marisa Hogan — Signature: [signature] — Month 5 Day 25 Year 22

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

90701083 3203227 3203227

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CTCESQG | 2. Page 1 of: 1 | 3. Emergency Response Phone: 8448738723 | 4. Waste Tracking Number: 3203227

5. Generator's Name and Mailing Address
EVERSOURCE C/O ENVIRONMENTAL AFFAIR
PO BOX 270
HARTFORD,CT 06141
Generator's Phone: 860-665-5751

Generator's Site Address (if different than mailing address)
CL&P DBA EVERSOURCE ENERGY
13 MAPLE STREET
VERNON,CT 06066

6. Transporter 1 Company Name: TRADEBE TRANSPORTATION, LLC | U.S. EPA ID Number: CTD021816889

7. Transporter 2 Company Name | U.S. EPA ID Number:

8. Designated Facility Name and Site Address
TRADEBE T&R NORTHEAST, LLC
136 GRACEY AVE
MERIDEN,CT 06451
Facility's Phone: 203-238-6745

U.S. EPA ID Number: CTD021816889

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	NON DOT / NON RCRA REGULATED MATERIAL (GROUNDWATER)	1	TT	2465	G	CR04
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
001) ERG 1000368587 SO: 3203227

TP21

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: DREW BLICHARZ (AS AGENT FOR EVERSOURCE) | Signature | Month Day Year: 05 25 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Neil A Wilkinson | Signature | Month Day Year: 05 25 22

Transporter 2 Printed/Typed Name | Signature | Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Marissa Hogan | Signature | Month Day Year: 5 25 22

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

Clean Earth of Connecticut
58 North Washington Street
Plainville, CT 06062
Ph: Fax:

Ticket: 2820160

	Date	Time	Scale
In:	05/26/2022	09:35:33	CECT
Out:	05/26/2022	09:35:33	CECT

	Lbs.	Tns
Gross:	52,180	26.09
Tare:	38,400	19.20
Net:	13,780	6.89

Manifest: 1884509
Vehicle: 60906A
Decal:

Customer: Strategic Environmental Services Inc
Generator: Eversource Energy
Address: 107 Selden Street
Berlin, CT 06037

Carrier:

Profile #: 214071935
Job: Rockville 14W Substation
Address: 13 Maple Street
VERNON ROCKVILLE, CT 06066

Material

Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Connecticut
Sondra Zak

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 20
Page 243 of 259

CleanEarth

NON-RCRA HAZARDOUS WASTE MANIFEST

1884509

1. GENERATOR'S NAME AND MAILING ADDRESS
CL &P dba Eversource Energy
107 Selden Street
Berlin, CT 06037

GENERATOR'S SITE ADDRESS
Rockville 14W Substation
13 Maple Street
Vernon, CT 06066

2. GENERATOR'S PHONE 860-665-5751

3. TRANSPORTER 1 COMPANY NAME: SRS National LLC
US EPA ID NUMBER: NOT APPLICABLE
A. TRANSPORTER 1'S PHONE: 8606289993
TRANSPORTER'S PLATE NUMBER: 60906 A CT

5. TRANSPORTER 2 COMPANY NAME
6. US EPA ID NUMBER: NOT APPLICABLE
B. TRANSPORTER 2'S PHONE: ( )
TRANSPORTER'S PLATE NUMBER

7. DESIGNATED FACILITY NAME AND SITE ADDRESS
CLEAN EARTH OF CONNECTICUT
58 NORTH WASHINGTON STREET
PLAINVILLE, CT 06062

8. MAILING ADDRESS
CLEAN EARTH OF CONNECTICUT
58 NORTH WASHINGTON STREET
PLAINVILLE, CT 06062

C. FACILITY'S PHONE
(860) 747-8888

9. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID NUMBER)	10. CONTAINERS NO.	10. CONTAINERS TYPE	11. TOTAL QUANTITY	12. UNIT WT/VOL
a. CONNECTICUT REGULATED WASTE SOLID, NONE, NONE	001	DT	00020	T
b.				
c.				

D. ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS

E. HANDLING CODES FOR WASTES LISTED ABOVE
INTERIM: SO2
FINAL: T57

13. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

14. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable national governmental regulations, and all applicable State of Connecticut laws and regulation. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that the material listed above contained no free liquids at the time of loading.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
DREW BLICHARZ (AS AGENT FOR EVERSOURCE)	Drew Blichar	5	26	2022

15. TRANSPORTER 1 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Scott Cullins Jr.	Scott Cullins Jr.	5	26	2022

16. TRANSPORTER 2 ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR

17. DISCREPANCY INDICATION SPACE
11(a) CORRECTED WEIGHT AS SCALED 6.89 TON'S

18. FACILITY OWNER OR OPERATOR: CERTIFICATION OF RECEIPT OF WASTE MATERIALS COVERED BY THIS MANIFEST EXCEPT AS NOTED IN ITEM 13.

PRINTED/TYPED NAME	SIGNATURE	MONTH	DAY	YEAR
Steph	Steph	5	26	22

FACILITY

Revised 1/29/21

ITEM# CE WM300 / PRO'S CHOICE PRINTING, INC. 1-888-801-1515

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N / A	1	not applicable	100036918 3 - 02

GENERATOR

5. Generator's Name and Mailing Address
CL&P dba Eversource Energy
Env. Affairs Dept.-BMN2; PO Box 270
Hartford CT 06141-0281
Generator's Phone: 860 665 5751
Att: Drew Blicharz

Generator's Site Address (if different than mailing address)
CL&P dba Eversource Energy
13 Maple Street
Vernon CT 06066

6. Transporter 1 Company Name: Boston Green Fuel Company — U.S. EPA ID Number: MAC300093589

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Tradebe Treatment and Recycling of Stoughton, LLC
441R Canton Street
Stoughton MA 02072
Facility's Phone: 781 297 3530
U.S. EPA ID Number: MAD062179390

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-RCRA, Non-DOT Regulated Material	001	TT	4000 ~~500~~ (TNT)	P
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)1000369183 Groundwater & Sediment (CR04) SO# 3209282

X

Job# 22-0135

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: * fkroll@steatglc.us.com — Signature: X — Month 6 Day 3 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: IRWIN CRUZ — Signature: [signature] — Month 6 Day 3 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Per weight Slip 4000 lbs = 2 Tons

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Thomas Marsden — Signature: Tommy — Month 06 Day 03 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

90704721 NH1000369183-01 3215269

NH

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N / A	1	not applicable	1000369183-01

GENERATOR

5. Generator's Name and Mailing Address
CL&P dba Eversource Energy
Env. Affairs Dept.-BMN2; PO Box 270
Hartford CT 06141-0281
Att: Drew Blicharz
Generator's Phone: 860 665 5751

Generator's Site Address (if different than mailing address)
CL&P dba Eversource Energy
13 Maple Street
Vernon CT 06066

6. Transporter 1 Company Name: Graf Brothers Leasing — U.S. EPA ID Number: MAC300096278

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Tradebe Treatment and Recycling of Stoughton, LLC
441R Canton Street
Stoughton MA 02072
Facility's Phone: 781 297 3530
U.S. EPA ID Number: MAD062179890

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-RCRA, Non-DOT Regulated Material	001	CM	26420	P
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information: 1)1000369183 Groundwater & Sediment (CR04) SO# 3215269 WEGHT IS ESTIMATED

Cont # VC11 (Net wt. 26,420lbs) Job# 22-0136

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Paul Saccente — Signature: Paul Saccente — Month 06 Day 06 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tom Grad — Signature: — Month 06 Day 06 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

per weight Slip 26420lbs = 13.21 Tons

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: KEVIN HENRY — Signature: — Month 6 Day 7 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: not applicab
2. Page 1 of: 1
3. Emergency Response Phone: not applicable
4. Waste Tracking Number: 1000376372-01

5. Generator's Name and Mailing Address
CL&P dba Eversource Energy
Env. Affairs Dept.-BMN2; PO Box 270
Hartford CT 06141-0281
Att: Drew Blicharz
Generator's Phone: 860 665 5751

Generator's Site Address (if different than mailing address)
CL&P dba Eversource Energy
13 Maple Street
Vernon CT 06066

6. Transporter 1 Company Name: Strategic Environmental Services, Inc.
U.S. EPA ID Number: MAC300102423

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Tradebe Treatment and Recycling of Bridgeport, LLC
50 Cross Street
Bridgeport CT 03310
Facility's Phone: 800 404 4408
U.S. EPA ID Number: CTD002593887

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, Non-DOT Regulated Sediment	003	DF ~~BM~~	1200	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)1000376372 Sediment from Vac Box _3__x55gl CR05
pass by 6/14/22
SO: 3225038
Job# 22-0135

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: DREW BLICHARZ (ON BEHALF OF EVERSOURCE ENERGY)
Signature:
Month 06 Day 14 Year 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mark Lynch
Signature:
Month 06 Day 14 Year 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
not applicab	1	not required	22-0057-01

GENERATOR

5. Generator's Name and Mailing Address
CL&P dba Eversource Energy
107 Selden Street - BMN2
Berlin CT 06037
Generator's Phone: 860 665 5751
Attn: Drew Blicharz

Generator's Site Address (if different than mailing address)
CL&P dba Eversource Energy
13 Maple Street
Vernon CT 06066

6. Transporter 1 Company Name: Strategic Environmental Services, Inc.
U.S. EPA ID Number: MAC300102423

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Red Technologies LLC
179 Pickering St
Portland CT 06480
Facility's Phone: 860 216 2428
U.S. EPA ID Number: CTR000505053

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, Non-DOT Regulated Soil	xx x4	DM	3600	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)13MAPSTR-01 Soil CR05
4Y55

Job# 22-0057

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: DREW BLICHARZ (AS AGENT FOR EVERSOURCE) | Signature | Month 09 | Day 08 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: John E Dingle | Signature | Month 09 | Day 08 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Windnagle | Signature | Month 9 | Day 8 | Year 22

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

Tighe&Bond

APPENDIX C

Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 1	**Date:** 12/29/21	**Direction Taken:** North
Description: Proposed location of STR 6713. Monitoring Wells MW-12S and MW-12D shown.		



Photograph No.: 2	**Date:** 03/21/22	**Direction Taken:** East
Description: Borehole for STR 6713 being drilled in preparation for setting the structure's foundation.		



Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 3	**Date:** 03/21/22	**Direction Taken:** East
Description: View of shallow soils at STR 6713.		



Photograph No.: 4	**Date:** 03/21/22	**Direction Taken:** East
Description: View of shallow soils at STR 6713.		



Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 5	**Date:** 03/21/22	**Direction Taken:** East
Description: View of shallow soils on auger flights at STR 6713.		



Photograph No.: 6	**Date:** 03/21/22	**Direction Taken:** North
Description: Inserting steel casing for deeper drilling at STR 6713.		



Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 7	**Date:** 03/22/22	**Direction Taken:** North

Description: Inserting steel casing for deeper drilling at STR 6713.



Photograph No.: 8	**Date:** 03/22/22	**Direction Taken:** North

Description: Deeper drilling inside of the steel casing at STR 6713.



Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 9	**Date:** 04/27/22	**Direction Taken:** East
Description: ADSS cable conduit during excavation inside Substation 14W.		



Photograph No.: 10	**Date:** 04/27/22	**Direction Taken:** South
Description: Roll-off container for temporarily staging excess soils from the ADSS cable conduit excavation for off-site disposal.		



Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 11	**Date:** 04/27/22	**Direction Taken:** North

Description: View of the completed STR 6713.



Photograph No.: 12	**Date:** 05/16/22	**Direction Taken:** North

Description: View of the widened portion of the ADSS trench to remove SEH soils within Substation 14W.



Appendix C - Photographic Log

Tighe&Bond

Client: Eversource **Job Number:** 145042240

Site: Rockville 14W Substation—13 Maple Street, Rockville, CT

Photograph No.: 13	**Date:** 07/14/22	**Direction Taken:** North
Description: Area of the Outer Substation where clean soils from STR 6713 were placed and stabilized.		



Photograph No.: 14	**Date:** 08/10/22	**Direction Taken:** East
Description: Drummed excess soils from utility pole installation along Maple Street.		



Tighe&Bond

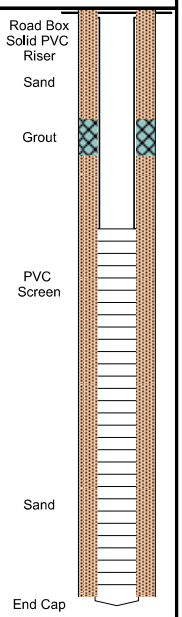
APPENDIX D

Tighe&Bond

	RIG MAKE/MODEL: 7782 DT	HAMMER TYPE:	ROCK CORE COMPLETED: No	CHECKED BY: R.Gille
	CASING TYPE: HSA	SAMPLER TYPE: Cuttings	DEPTH TO WATER (ft): 11.00±	WEATHER: 50s, Clear
DRILLING COMPANY: Cisco Geotechnical	CASING ID & OD (in): ID:3" OD:3 & 1/4"	SAMPLER ID & OD (in): ID: OD:	APPROX. GROUND ELEVATION (ft): ±	DATUM:
FOREMAN: R.Waddock	CAS. HAMMER WT & FALL (in)	SAMP. HAMMER WT & FALL (in)	APPROXIMATE X-LOCATION	APPROXIMATE Y-LOCATION
PROJECT NAME: Former Rockville MGP		CLIENT: Eversource		BORING ID: **MW-12SR**
PROJECT LOCATION: 13 Maple Street		START DATE: 11/23/2022	END DATE: 11/23/2022	PROJECT NUMBER: 14-5042-240
CITY, STATE: Rockville, CT		STARTING DEPTH (ft): 0	ENDING DEPTH (ft): 16	TIGHE & BOND REP: C.Watts

Depth (ft)	Casing Blows per ft.	ID	Rec. (in)	Sample Depth (ft)	SPT Blows/ 6 in.	PID (ppm)	Sample Description	General Stratigraphy	NOTES
0		S-1		0-3.5		0.0	Dark Brown, fine to coarse SAND and fine to coarse GRAVEL, some Silt, damp.	**SAND & GRAVEL** (3.5')	
4		S-2		3.5-7		0.0	Dark Brown, fine to coarse GRAVEL, some fine to coarse Sand, little Silt, damp.	**GRAVEL** (7')	
8		S-3		7-11		0.0	Brown, fine to coarse SAND, some Silt, trace fine Gravel, dry.	**SAND & GRAVEL** (11')	
12		S-4		11-12.5		0.0	Dark Brown, fine to coarse GRAVEL, some fine to coarse Sand, little Silt, wet.	**GRAVEL** (12.5')	1
14		S-5		12.5-16		0.0	Bronw, fine to coarse SAND, little fine to coarse Gravel, little Silt, wet.	**SAND** (16')	
16							End of Boring at 16 ft		2

Well Construction



NOTES:
1. Groundwater encountered at 11ft below ground surface during drilling operations.
2. MW-12SR constructed of 10 feet of 2 inch diameter, Schedule 40, threaded flush joint, 10-slot PVC well screen set at approximately 16 feet below ground surface (ftbgs). Well complete to ground surface with a two inch diameter, Schedule 40, threaded, flush joint, PVC riser. Filter sand placed in annulus around the well screen from 4 to 16 ftbgs. Bentonite seal installed from 3 to 4 ftbgs. Remaining annulus filled with sand from 0.5 to 3 ftbgs. Well completed with a locking steel stand pipe.



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