PHOENIX
Environmental Laboratories, Inc.

Monday, June 09, 2025

Attn: Dan Jahne
Fuss & O'Neill, Inc.
One Financial Plaza, 15th Floor
Hartford, CT 06103

Project ID: RIVERFRONT RECAPTURE
SDG ID: GCT36739
Sample ID#s: CT36739 - CT36743

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.

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

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

June 09, 2025

SDG I.D.: GCT36739

Project ID: RIVERFRONT RECAPTURE

Client Id	Lab Id	Matrix	Col Date
1869250528-01	CT36739	SOIL	05/28/25 9:30
1869250528-02	CT36740	SOIL	05/28/25 9:37
1869250528-03	CT36741	SOIL	05/28/25 10:00
1869250528-04 LL	CT36742	SOIL	05/28/25 9:25
1869250528-04 HL	CT36743	SOIL	05/28/25 9:25

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

Analysis Report

June 09, 2025

FOR: Attn: Dan Jahne
Fuss & O'Neill, Inc.
One Financial Plaza, 15th Floor
Hartford, CT 06103

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OK	05/28/25	9:30
Location Code:	F&O	Received by:	SR1	05/28/25	12:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT36739
Phoenix ID: CT36739

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-01 Stockpile K

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Extraction for Organics	Completed				05/29/25	AK	SW1312
SPLP Semivolatiles (SIM) Ext.	Completed				05/30/25		SW3510C/SW3520C
SPLP Semivolatiles, SIM							
2-Methylnaphthalene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.30	ug/L	1	06/03/25	MR	SW8270E (SIM)
Anthracene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.05	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.20	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.07	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.30	ug/L	1	06/03/25	MR	SW8270E (SIM)
Chrysene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	1	06/03/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Fluorene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.06	ug/L	1	06/03/25	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	ug/L	1	06/03/25	MR	SW8270E (SIM)
Naphthalene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Nitrobenzene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Phenanthrene	0.07	0.06	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pyrene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pyridine	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
QA/QC Surrogates							

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 2,4,6-Tribromophenol	75		%	1	06/03/25	MR	15 - 110 %
% 2-Fluorobiphenyl	57		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	35		%	1	06/03/25	MR	15 - 110 %
% Nitrobenzene-d5	63		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	37		%	1	06/03/25	MR	15 - 110 %
% Terphenyl-d14	48		%	1	06/03/25	MR	30 - 130 %
SPLP Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
1,2-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
1,3-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
1,4-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dichlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dimethylphenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dinitrophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dinitrotoluene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2,6-Dinitrotoluene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Chloronaphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Chlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2-Methylnaphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Nitrophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
3-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
4-Chloroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Nitrophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Acenaphthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Acenaphthylene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Acetophenone	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Aniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benz(a)anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzidine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Benzo(a)pyrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(b)fluoranthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(ghi)perylene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(k)fluoranthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzoic acid	ND	5.0	ug/L	1	06/03/25	MR	SW8270E

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-01

Phoenix I.D.: CT36739

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzyl butyl phthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Carbazole	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Chrysene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Dibenzofuran	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Diethyl phthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Dimethylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Di-n-butylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Di-n-octylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Fluoranthene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Fluorene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Hexachlorobenzene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Hexachlorobutadiene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Hexachloroethane	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Isophorone	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Naphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Nitrobenzene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodimethylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Pentachloronitrobenzene	ND	2.5	ug/L	1	06/03/25	MR	SW8270E
Pentachlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Phenanthrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Phenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Pyrene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Pyridine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	54		%	1	06/03/25	MR	15 - 110 %
% 2-Fluorobiphenyl	54		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	31		%	1	06/03/25	MR	15 - 110 %
% Nitrobenzene-d5	47		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	33		%	1	06/03/25	MR	15 - 110 %
% Terphenyl-d14	55		%	1	06/03/25	MR	30 - 130 %

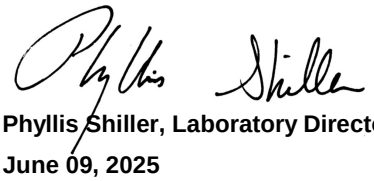
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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:

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.

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

June 09, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

Analysis Report

June 09, 2025

FOR: Attn: Dan Jahne
Fuss & O'Neill, Inc.
One Financial Plaza, 15th Floor
Hartford, CT 06103

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OK	05/28/25	9:37
Location Code:	F&O	Received by:	SR1	05/28/25	12:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT36739
Phoenix ID: CT36740

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-02

Stockpile H/I

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Extraction for Organics	Completed				05/29/25	AK	SW1312
SPLP Semivolatiles (SIM) Ext.	Completed				05/30/25		SW3510C/SW3520C
SPLP Semivolatiles, SIM							
2-Methylnaphthalene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.30	ug/L	1	06/03/25	MR	SW8270E (SIM)
Anthracene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.05	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.20	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.07	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.30	ug/L	1	06/03/25	MR	SW8270E (SIM)
Chrysene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	1	06/03/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Fluorene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.06	ug/L	1	06/03/25	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	ug/L	1	06/03/25	MR	SW8270E (SIM)
Naphthalene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Nitrobenzene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.06	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pyrene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pyridine	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
QA/QC Surrogates							

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 2,4,6-Tribromophenol	67		%	1	06/03/25	MR	15 - 110 %
% 2-Fluorobiphenyl	53		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	37		%	1	06/03/25	MR	15 - 110 %
% Nitrobenzene-d5	60		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	41		%	1	06/03/25	MR	15 - 110 %
% Terphenyl-d14	48		%	1	06/03/25	MR	30 - 130 %
SPLP Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
1,2-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
1,3-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
1,4-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2,4-Dichlorophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2,4-Dimethylphenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2,4-Dinitrophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2,4-Dinitrotoluene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2,6-Dinitrotoluene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Chloronaphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Chlorophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2-Methylnaphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
2-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Nitrophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
3-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
4-Chloroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Nitrophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
Acenaphthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Acenaphthylene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Acetophenone	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Aniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benz(a)anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzidine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Benzo(a)pyrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(b)fluoranthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(ghi)perylene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(k)fluoranthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzoic acid	ND	5.0	ug/L	1	06/03/25	MR	SW8270E

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-02

Phoenix I.D.: CT36740

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzyl butyl phthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
Carbazole	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Chrysene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Dibenzofuran	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Diethyl phthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Dimethylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Di-n-butylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Di-n-octylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Fluoranthene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Fluorene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Hexachlorobenzene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Hexachlorobutadiene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Hexachloroethane	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Isophorone	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Naphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Nitrobenzene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodimethylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Pentachloronitrobenzene	ND	2.5	ug/L	1	06/03/25	MR	SW8270E
Pentachlorophenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
Phenanthrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Phenol	ND	1.0	ug/L	1	06/03/25	MR	SW8270E
Pyrene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Pyridine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	49		%	1	06/03/25	MR	15 - 110 %
% 2-Fluorobiphenyl	47		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	33		%	1	06/03/25	MR	15 - 110 %
% Nitrobenzene-d5	44		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	37		%	1	06/03/25	MR	15 - 110 %
% Terphenyl-d14	52		%	1	06/03/25	MR	30 - 130 %

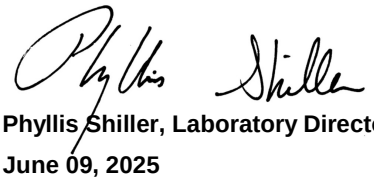
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

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:

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.

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

June 09, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

Analysis Report

June 09, 2025

FOR: Attn: Dan Jahne
Fuss & O'Neill, Inc.
One Financial Plaza, 15th Floor
Hartford, CT 06103

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OK	05/28/25	10:00
Location Code:	F&O	Received by:	SR1	05/28/25	12:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT36739
Phoenix ID: CT36741

Project ID: RIVERFRONT RECAPTURE Stockpile W
Client ID: 1869250528-03

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	1	05/29/25	TH	SW6010D
Arsenic	3.50	0.76	mg/Kg	1	05/29/25	TH	SW6010D
Barium	83.4	0.38	mg/Kg	1	05/29/25	TH	SW6010D
Cadmium	< 0.38	0.38	mg/Kg	1	05/29/25	TH	SW6010D
Chromium	15.6	0.38	mg/Kg	1	05/29/25	TH	SW6010D
Copper	29.2	0.8	mg/kg	1	05/29/25	TH	SW6010D
Mercury	0.11	0.10	mg/Kg	1.9	06/04/25	ZT	SW7471B
Nickel	18.5	0.38	mg/Kg	1	05/29/25	TH	SW6010D
Lead	37.4	0.38	mg/Kg	1	05/29/25	TH	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	05/29/25	TH	SW6010D
SPLP Silver	< 0.010	0.010	mg/L	1	05/30/25	CPP	SW6010D
SPLP Arsenic	< 0.004	0.004	mg/L	1	05/30/25	CPP	SW6010D
SPLP Barium	0.019	0.010	mg/L	1	05/30/25	CPP	SW6010D
SPLP Cadmium	< 0.005	0.005	mg/L	1	05/30/25	CPP	SW6010D
SPLP Chromium	< 0.010	0.010	mg/L	1	05/30/25	CPP	SW6010D
SPLP Mercury	< 0.0002	0.0002	mg/L	1	06/02/25	ZT	SW7470A
SPLP Lead	< 0.010	0.010	mg/L	1	05/30/25	CPP	SW6010D
SPLP Selenium	< 0.020	0.020	mg/L	1	05/30/25	CPP	SW6010D
TCLP Silver	< 0.010	0.010	mg/L	1	05/30/25	TH	SW846 1311/6010
TCLP Arsenic	< 0.01	0.01	mg/L	1	05/30/25	TH	SW846 1311/6010
TCLP Barium	0.20	0.01	mg/L	1	05/30/25	TH	SW846 1311/6010
TCLP Cadmium	< 0.005	0.005	mg/L	1	05/30/25	TH	SW846 1311/6010
TCLP Chromium	< 0.010	0.010	mg/L	1	05/30/25	TH	SW846 1311/6010
TCLP Mercury	< 0.0002	0.0002	mg/L	1	06/02/25	ZT	SW846 1311/7470
TCLP Lead	< 0.010	0.010	mg/L	1	05/30/25	TH	SW846 1311/6010
TCLP Selenium	< 0.05	0.05	mg/L	1	05/30/25	TH	SW846 1311/6010D
SPLP Metals Digestion	Completed				05/30/25	AK/GW	SW3010A
TCLP Metals Digestion	Completed				05/30/25	AK/GW	SW3005A

Ver 1

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-03

Phoenix I.D.: CT36741

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Zinc	102	0.8	mg/Kg	1	05/29/25	TH	SW6010D
Percent Solid	84		%		05/28/25	CV	SW846-%Solid
Corrosivity	Negative		Pos/Neg	1	05/28/25	KG	SW846-Corr
Flash Point	>200	200	Degree F	1	05/29/25	G	SW1010B
Ignitability	Passed	140	degree F	1	05/29/25	G	SW846-Ignit
pH at 19C - Soil	7.38	1.00	pH Units	1	05/28/25 23:06	KG	SW846 9045D
Reactivity Cyanide	< 6	6	mg/Kg	1	06/03/25	NP/GD	SW846 7.3.3.1/90
Reactivity Sulfide	< 20	20	mg/Kg	1	06/05/25	JB/GD	SW846 CH7
Reactivity	Negative		Pos/Neg	1	06/05/25	JB/GD	SW846-React
Field Extraction	Completed				05/28/25		SW5035A
Mercury Digestion	Completed				06/03/25	AC1/AC1	SW7471B
Extraction of ETPH	Completed				06/02/25	AC1/S/Z/U	SW3546
Soil Extraction for Herbicide	Completed				06/03/25	X/D	SW3546
Soil Extraction for Pesticide	Completed				06/02/25	AC1/S/Z/U	SW3546
Soil Extraction for SVOA	Completed				06/02/25	K/RB/DS	SW3546
Paint Filter Test	Passed		PASS/FAIL		05/28/25	O	SW9095B
Extraction for PCB	Completed				05/28/25	B/A/RB	SW3540C
SPLP Digestion Mercury	Completed				05/30/25	AK/GW	SW1312/SW7470A
SPLP Extraction for Metals	Completed				05/29/25	AK	SW1312
SPLP Extraction for Organics	Completed				05/29/25	AK	SW1312
SPLP Semivolatiles (SIM) Ext.	Completed				05/30/25		SW3510C/SW3520C
TCLP Digestion Mercury	Completed				05/30/25	AK/GW	SW7470A
TCLP Herbicides Extraction	Completed				05/30/25	CV/D	SW8150 MOD
TCLP Extraction for Metals	Completed				05/29/25	AK	SW1311
TCLP Extraction for Organics	Completed				05/29/25	AK	SW1311
TCLP Pesticides Extraction	Completed				05/30/25	T/T	SW3510C
Total Metals Digest	Completed				05/28/25	B//AG	SW3050B
Chlorinated Herbicides							
2,4,5-T	ND	150	ug/Kg	10	06/04/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	150	ug/Kg	10	06/04/25	JRB	SW8151A
2,4-D	ND	300	ug/Kg	10	06/04/25	JRB	SW8151A
2,4-DB	ND	3000	ug/Kg	10	06/04/25	JRB	SW8151A
Dalapon	ND	150	ug/Kg	10	06/04/25	JRB	SW8151A
Dicamba	ND	150	ug/Kg	10	06/04/25	JRB	SW8151A
Dichloroprop	ND	300	ug/Kg	10	06/04/25	JRB	SW8151A
Dinoseb	ND	300	ug/Kg	10	06/04/25	JRB	SW8151A
MCPA	ND	44000	ug/Kg	10	06/04/25	JRB	SW8151A
MCPP	ND	44000	ug/Kg	10	06/04/25	JRB	SW8151A
QA/QC Surrogates							
% DCAA	70		%	10	06/04/25	JRB	30 - 150 %
% DCAA (Confirmation)	69		%	10	06/04/25	JRB	30 - 150 %
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	300	mg/Kg	5	06/03/25	JRB	CTETPH
Identification	ND		mg/Kg	5	06/03/25	JRB	CTETPH
QA/QC Surrogates							
% COD (surr)	109		%	5	06/03/25	JRB	50 - 150 %
% Terphenyl (surr)	80		%	5	06/03/25	JRB	50 - 150 %

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB (Soxhlet SW3540C)							
PCB-1016	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1221	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1232	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1242	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1248	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1254	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1260	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1262	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
PCB-1268	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
Total PCBs	ND	390	ug/Kg	10	05/29/25	SC	SW8082A
QA/QC Surrogates							
% DCBP	83		%	10	05/29/25	SC	30 - 150 %
% DCBP (Confirmation)	78		%	10	05/29/25	SC	30 - 150 %
% TCMX	79		%	10	05/29/25	SC	30 - 150 %
% TCMX (Confirmation)	86		%	10	05/29/25	SC	30 - 150 %
Pesticides							
4,4' -DDD	ND	1.6	ug/Kg	2	06/03/25	AW	SW8081B
4,4' -DDE	3.2	1.6	ug/Kg	2	06/03/25	AW	SW8081B
4,4' -DDT	6.8	1.6	ug/Kg	2	06/03/25	AW	SW8081B
a-BHC	ND	1.6	ug/Kg	2	06/03/25	AW	SW8081B
Alachlor	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Aldrin	ND	1.6	ug/Kg	2	06/03/25	AW	SW8081B
b-BHC	ND	1.6	ug/Kg	2	06/03/25	AW	SW8081B
Chlordane	ND	39	ug/Kg	2	06/03/25	AW	SW8081B
d-BHC	ND	1.6	ug/Kg	2	06/03/25	AW	SW8081B
Dieldrin	ND	3.9	ug/Kg	2	06/03/25	AW	SW8081B
Endosulfan I	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Endosulfan II	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Endosulfan sulfate	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Endrin	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Endrin aldehyde	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Endrin ketone	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
g-BHC	ND	1.6	ug/Kg	2	06/03/25	AW	SW8081B
Heptachlor	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Heptachlor epoxide	ND	7.8	ug/Kg	2	06/03/25	AW	SW8081B
Methoxychlor	ND	39	ug/Kg	2	06/03/25	AW	SW8081B
Toxaphene	ND	160	ug/Kg	2	06/03/25	AW	SW8081B
QA/QC Surrogates							
% DCBP	37		%	2	06/03/25	AW	30 - 150 %
% DCBP (Confirmation)	77		%	2	06/03/25	AW	30 - 150 %
% TCMX	37		%	2	06/03/25	AW	30 - 150 %
% TCMX (Confirmation)	48		%	2	06/03/25	AW	30 - 150 %
TCLP Herbicides							
2,4,5-TP (Silvex)	ND	50	ug/L	10	06/01/25	JRB	SW846 1311/8151
2,4-D	ND	100	ug/L	10	06/01/25	JRB	SW846 1311/8151
QA/QC Surrogates							

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% DCAA	75		%	10	06/01/25	JRB	30 - 150 %
% DCAA (Confirmation)	75		%	10	06/01/25	JRB	30 - 150 %
TCLP Pesticides							
4,4' -DDD	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
4,4' -DDE	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
4,4' -DDT	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
a-BHC	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Alachlor	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Aldrin	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
b-BHC	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Chlordane	ND	5.0	ug/L	10	06/02/25	AW	SW8081B
d-BHC	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Dieldrin	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
Endosulfan I	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Endosulfan II	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
Endosulfan Sulfate	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
Endrin	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
Endrin Aldehyde	ND	1.0	ug/L	10	06/02/25	AW	SW8081B
g-BHC (Lindane)	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Heptachlor	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Heptachlor epoxide	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Methoxychlor	ND	0.50	ug/L	10	06/02/25	AW	SW8081B
Toxaphene	ND	20	ug/L	10	06/02/25	AW	SW8081B
QA/QC Surrogates							
%DCBP (Surrogate Rec)	78		%	10	06/02/25	AW	30 - 150 %
%DCBP (Surrogate Rec) (Confirmation)	81		%	10	06/02/25	AW	30 - 150 %
%TCMX (Surrogate Rec)	51		%	10	06/02/25	AW	30 - 150 %
%TCMX (Surrogate Rec) (Confirmation)	49		%	10	06/02/25	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	05/29/25	JLI	SW8260
1,1,1-Trichloroethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	10	ug/Kg	1	05/29/25	JLI	SW8260
1,1,2-Trichloroethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,1-Dichloroethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,1-Dichloroethene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,1-Dichloropropene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,2,3-Trichlorobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,2,3-Trichloropropane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,2,4-Trichlorobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,2,4-Trimethylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5	ug/Kg	1	05/29/25	JLI	SW8260
1,2-Dibromoethane	ND	3.7	ug/Kg	1	05/29/25	JLI	SW8260
1,2-Dichlorobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,2-Dichloroethane	ND	20	ug/Kg	1	05/29/25	JLI	SW8260
1,2-Dichloropropane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,3,5-Trimethylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,3-Dichlorobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
1,3-Dichloropropane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-03

Phoenix I.D.: CT36741

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
2,2-Dichloropropane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
2-Chlorotoluene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
2-Hexanone	ND	180	ug/Kg	1	05/29/25	JLI	SW8260
2-Isopropyltoluene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
4-Chlorotoluene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
4-Methyl-2-pentanone	ND	180	ug/Kg	1	05/29/25	JLI	SW8260
Acetone	ND	1800	ug/Kg	1	05/29/25	JLI	SW8260
Acrylonitrile	ND	10	ug/Kg	1	05/29/25	JLI	SW8260
Benzene	ND	20	ug/Kg	1	05/29/25	JLI	SW8260
Bromobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Bromochloromethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Bromodichloromethane	ND	20	ug/Kg	1	05/29/25	JLI	SW8260
Bromoform	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Bromomethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Carbon Disulfide	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Carbon tetrachloride	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Chlorobenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Chloroethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Chloroform	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Chloromethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
cis-1,2-Dichloroethene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
cis-1,3-Dichloropropene	ND	10	ug/Kg	1	05/29/25	JLI	SW8260
Dibromochloromethane	ND	10	ug/Kg	1	05/29/25	JLI	SW8260
Dibromomethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Dichlorodifluoromethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Ethylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Hexachlorobutadiene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Isopropylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
m&p-Xylene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Methyl Ethyl Ketone	ND	220	ug/Kg	1	05/29/25	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	73	ug/Kg	1	05/29/25	JLI	SW8260
Methylene chloride	ND	73	ug/Kg	1	05/29/25	JLI	SW8260
Naphthalene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
n-Butylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
n-Propylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
o-Xylene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
p-Isopropyltoluene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
sec-Butylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Styrene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
tert-Butylbenzene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Tetrachloroethene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Tetrahydrofuran (THF)	ND	73	ug/Kg	1	05/29/25	JLI	SW8260
Toluene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Total Xylenes	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
trans-1,2-Dichloroethene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
trans-1,3-Dichloropropene	ND	10	ug/Kg	1	05/29/25	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	73	ug/Kg	1	05/29/25	JLI	SW8260
Trichloroethene	ND	37	ug/Kg	1	05/29/25	JLI	SW8260

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Trichlorofluoromethane	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Trichlorotrifluoroethane	ND	73	ug/Kg	1	05/29/25	JLI	SW8260
Vinyl chloride	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	05/29/25	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	05/29/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	05/29/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	05/29/25	JLI	70 - 130 %
Oxygenates & Dioxane							
1,4-Dioxane	ND	100	ug/Kg	1	05/29/25	JLI	SW8260
Diethyl ether	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Ethyl tert-butyl ether	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
tert-amyl methyl ether	ND	37	ug/Kg	1	05/29/25	JLI	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	06/03/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
1,2-Dichlorobenzene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
1,3-Dichlorobenzene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
1,4-Dichlorobenzene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
2,4-Dichlorophenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2,4-Dimethylphenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2,4-Dinitrophenol	ND	300	ug/Kg	1	06/03/25	MR	SW8270E
2,4-Dinitrotoluene	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
2,6-Dinitrotoluene	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
2-Chloronaphthalene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2-Chlorophenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2-Methylnaphthalene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
2-Nitroaniline	ND	300	ug/Kg	1	06/03/25	MR	SW8270E
2-Nitrophenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	1	06/03/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
3-Nitroaniline	ND	300	ug/Kg	1	06/03/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	06/03/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	390	ug/Kg	1	06/03/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
4-Chloroaniline	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
4-Nitroaniline	ND	300	ug/Kg	1	06/03/25	MR	SW8270E
4-Nitrophenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Acenaphthene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Acenaphthylene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Acetophenone	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Aniline	ND	200	ug/Kg	1	06/03/25	MR	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Anthracene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Benz(a)anthracene	880	540	ug/Kg	1	06/03/25	MR	SW8270E
Benzidine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
Benzo(a)pyrene	970	540	ug/Kg	1	06/03/25	MR	SW8270E
Benzo(b)fluoranthene	1400	540	ug/Kg	1	06/03/25	MR	SW8270E
Benzo(ghi)perylene	640	540	ug/Kg	1	06/03/25	MR	SW8270E
Benzo(k)fluoranthene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Benzoic acid	ND	770	ug/Kg	1	06/03/25	MR	SW8270E
Benzyl butyl phthalate	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	06/03/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Carbazole	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
Chrysene	940	540	ug/Kg	1	06/03/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Dibenzofuran	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
Diethyl phthalate	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Dimethylphthalate	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Di-n-butylphthalate	ND	390	ug/Kg	1	06/03/25	MR	SW8270E
Di-n-octylphthalate	640	270	ug/Kg	1	06/03/25	MR	SW8270E
Fluoranthene	1600	540	ug/Kg	1	06/03/25	MR	SW8270E
Fluorene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Hexachlorobenzene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Hexachlorobutadiene	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Hexachloroethane	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	630	540	ug/Kg	1	06/03/25	MR	SW8270E
Isophorone	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Naphthalene	ND	540	ug/Kg	1	06/03/25	MR	SW8270E
Nitrobenzene	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
N-Nitrosodimethylamine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
Pentachloronitrobenzene	ND	140	ug/Kg	1	06/03/25	MR	SW8270E
Pentachlorophenol	ND	390	ug/Kg	1	06/03/25	MR	SW8270E
Phenanthrene	620	540	ug/Kg	1	06/03/25	MR	SW8270E
Phenol	ND	270	ug/Kg	1	06/03/25	MR	SW8270E
Pyrene	1400	540	ug/Kg	1	06/03/25	MR	SW8270E
Pyridine	ND	200	ug/Kg	1	06/03/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	82		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorobiphenyl	67		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	65		%	1	06/03/25	MR	30 - 130 %
% Nitrobenzene-d5	62		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	69		%	1	06/03/25	MR	30 - 130 %
% Terphenyl-d14	62		%	1	06/03/25	MR	30 - 130 %
SPLP Semivolatiles, SIM							
2-Methylnaphthalene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	0.30	ug/L	1	06/03/25	MR	SW8270E (SIM)
Anthracene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.05	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.20	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.07	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	ug/L	1	06/03/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.30	ug/L	1	06/03/25	MR	SW8270E (SIM)
Chrysene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	1	06/03/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Fluorene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.06	ug/L	1	06/03/25	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	ug/L	1	06/03/25	MR	SW8270E (SIM)
Naphthalene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Nitrobenzene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pentachlorophenol	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.06	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pyrene	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
Pyridine	ND	0.50	ug/L	1	06/03/25	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	81		%	1	06/03/25	MR	15 - 110 %
% 2-Fluorobiphenyl	63		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	43		%	1	06/03/25	MR	15 - 110 %
% Nitrobenzene-d5	71		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	47		%	1	06/03/25	MR	15 - 110 %
% Terphenyl-d14	53		%	1	06/03/25	MR	30 - 130 %
SPLP Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
1,2-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
1,3-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
1,4-Dichlorobenzene	ND	3.0	ug/L	1	06/03/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dichlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dimethylphenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dinitrophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2,4-Dinitrotoluene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2,6-Dinitrotoluene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Chloronaphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Chlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2-Methylnaphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
2-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
2-Nitrophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	5.0	ug/L	1	06/03/25	MR	SW8270E

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-03

Phoenix I.D.: CT36741

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
3,3'-Dichlorobenzidine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
3-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
4-Chloroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Nitroaniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
4-Nitrophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Acenaphthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Acenaphthylene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Acetophenone	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Aniline	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benz(a)anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzidine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Benzo(a)pyrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(b)fluoranthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(ghi)perylene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzo(k)fluoranthene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Benzoic acid	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Benzyl butyl phthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Carbazole	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Chrysene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Dibenzofuran	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Diethyl phthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Dimethylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Di-n-butylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Di-n-octylphthalate	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Fluoranthene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Fluorene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Hexachlorobenzene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Hexachlorobutadiene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Hexachloroethane	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E
Isophorone	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Naphthalene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Nitrobenzene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodimethylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Pentachloronitrobenzene	ND	2.5	ug/L	1	06/03/25	MR	SW8270E
Pentachlorophenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Phenanthrene	ND	3.5	ug/L	1	06/03/25	MR	SW8270E

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Phenol	ND	0.99	ug/L	1	06/03/25	MR	SW8270E
Pyrene	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
Pyridine	ND	5.0	ug/L	1	06/03/25	MR	SW8270E
QA/QC Surrogates							
% 2,4,6-Tribromophenol	55		%	1	06/03/25	MR	15 - 110 %
% 2-Fluorobiphenyl	57		%	1	06/03/25	MR	30 - 130 %
% 2-Fluorophenol	40		%	1	06/03/25	MR	15 - 110 %
% Nitrobenzene-d5	53		%	1	06/03/25	MR	30 - 130 %
% Phenol-d5	41		%	1	06/03/25	MR	15 - 110 %
% Terphenyl-d14	56		%	1	06/03/25	MR	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.

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.

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.

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
June 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

Analysis Report

June 09, 2025

FOR: Attn: Dan Jahne
Fuss & O'Neill, Inc.
One Financial Plaza, 15th Floor
Hartford, CT 06103

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OK	05/28/25	9:25
Location Code:	F&O	Received by:	SR1	05/28/25	12:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT36739
Phoenix ID: CT36742

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-04 LL

Trip Blank

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				05/28/25		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	1	05/28/25	JLI	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2-Dibromoethane	ND	0.50	ug/Kg	1	05/28/25	JLI	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
2-Hexanone	ND	25	ug/Kg	1	05/28/25	JLI	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
4-Methyl-2-pentanone	ND	25	ug/Kg	1	05/28/25	JLI	SW8260
Acetone	ND	250	ug/Kg	1	05/28/25	JLI	SW8260
Acrylonitrile	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Benzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Bromobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Bromochloromethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Bromoform	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Bromomethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Chlorobenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Chloroethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Chloroform	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Chloromethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Dibromochloromethane	ND	3.0	ug/Kg	1	05/28/25	JLI	SW8260
Dibromomethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Ethylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
m&p-Xylene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	1	05/28/25	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	05/28/25	JLI	SW8260
Methylene chloride	ND	10	ug/Kg	1	05/28/25	JLI	SW8260
Naphthalene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
o-Xylene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Styrene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	05/28/25	JLI	SW8260
Toluene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Total Xylenes	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	05/28/25	JLI	SW8260
Trichloroethene	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Trichlorotrifluoroethane	ND	10	ug/Kg	1	05/28/25	JLI	SW8260
Vinyl chloride	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	05/28/25	JLI	70 - 130 %

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-04 LL

Phoenix I.D.: CT36742

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	05/28/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	05/28/25	JLI	70 - 130 %
% Toluene-d8	99		%	1	05/28/25	JLI	70 - 130 %
Oxygenates & Dioxane							
1,4-Dioxane	ND	100	ug/Kg	1	05/28/25	JLI	SW8260
Diethyl ether	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
Ethyl tert-butyl ether	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260
tert-amyl methyl ether	ND	5.0	ug/Kg	1	05/28/25	JLI	SW8260

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:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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
June 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

Analysis Report

June 09, 2025

FOR: Attn: Dan Jahne
Fuss & O'Neill, Inc.
One Financial Plaza, 15th Floor
Hartford, CT 06103

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	OK	05/28/25	9:25
Location Code:	F&O	Received by:	SR1	05/28/25	12:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT36739
Phoenix ID: CT36743

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-04 HL

Trip Blank

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Field Extraction	Completed				05/28/25		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	50	ug/Kg	50	05/29/25	JLI	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	50	ug/Kg	50	05/29/25	JLI	SW8260
1,1,2-Trichloroethane	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,1-Dichloroethene	ND	140	ug/Kg	50	05/29/25	JLI	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	50	05/29/25	JLI	SW8260
1,2-Dibromoethane	ND	25	ug/Kg	50	05/29/25	JLI	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,2-Dichloroethane	ND	25	ug/Kg	50	05/29/25	JLI	SW8260
1,2-Dichloropropane	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
2-Chlorotoluene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
2-Hexanone	ND	700	ug/Kg	50	05/29/25	JLI	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
4-Methyl-2-pentanone	ND	1300	ug/Kg	50	05/29/25	JLI	SW8260
Acetone	ND	5000	ug/Kg	50	05/29/25	JLI	SW8260
Acrylonitrile	ND	25	ug/Kg	50	05/29/25	JLI	SW8260
Benzene	ND	25	ug/Kg	50	05/29/25	JLI	SW8260
Bromobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Bromochloromethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Bromodichloromethane	ND	50	ug/Kg	50	05/29/25	JLI	SW8260
Bromoform	ND	80	ug/Kg	50	05/29/25	JLI	SW8260
Bromomethane	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
Carbon Disulfide	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Carbon tetrachloride	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
Chlorobenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Chloroethane	ND	150	ug/Kg	50	05/29/25	JLI	SW8260
Chloroform	ND	120	ug/Kg	50	05/29/25	JLI	SW8260
Chloromethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
cis-1,3-Dichloropropene	ND	25	ug/Kg	50	05/29/25	JLI	SW8260
Dibromochloromethane	ND	50	ug/Kg	50	05/29/25	JLI	SW8260
Dibromomethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Ethylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Hexachlorobutadiene	ND	200	ug/Kg	50	05/29/25	JLI	SW8260
Isopropylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
m&p-Xylene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	50	05/29/25	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Methylene chloride	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
Naphthalene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
n-Butylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
n-Propylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
o-Xylene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
sec-Butylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Styrene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
tert-Butylbenzene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Tetrachloroethene	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
Tetrahydrofuran (THF)	ND	130	ug/Kg	50	05/29/25	JLI	SW8260
Toluene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Total Xylenes	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
trans-1,3-Dichloropropene	ND	25	ug/Kg	50	05/29/25	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	50	05/29/25	JLI	SW8260
Trichloroethene	ND	100	ug/Kg	50	05/29/25	JLI	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Trichlorotrifluoroethane	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Vinyl chloride	ND	40	ug/Kg	50	05/29/25	JLI	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (50x)	95		%	50	05/29/25	JLI	70 - 130 %

Project ID: RIVERFRONT RECAPTURE
Client ID: 1869250528-04 HL

Phoenix I.D.: CT36743

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene (50x)	93		%	50	05/29/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	89		%	50	05/29/25	JLI	70 - 130 %
% Toluene-d8 (50x)	98		%	50	05/29/25	JLI	70 - 130 %
Oxygenates & Dioxane							
1,4-Dioxane	ND	800	ug/Kg	50	05/29/25	JLI	SW8260
Diethyl ether	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
Ethyl tert-butyl ether	ND	250	ug/Kg	50	05/29/25	JLI	SW8260
tert-amyl methyl ether	ND	250	ug/Kg	50	05/29/25	JLI	SW8260

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:

TRIP BLANK INCLUDED.

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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

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Phyllis Shiller, Laboratory Director
June 09, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

QA/QC Report

June 09, 2025

QA/QC Data

SDG I.D.: GCT36739

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 787099 (mg/kg), QC Sample No: CT36741 (CT36741)														
Mercury - Soil	BRL	0.03	0.11	<0.10	NC	106	98.5	7.3	98.2			70 - 130	30	
Comment: Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 786683 (mg/L), QC Sample No: CT36813 (CT36741)														
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	101			110			80 - 120	20	
Comment: Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 786685 (mg/L), QC Sample No: CT36741 (CT36741)														
ICP Metals - TCLP Extraction														
Arsenic	BRL	0.01	<0.01	<0.01	NC	106	105	0.9	107			80 - 120	20	
Barium	BRL	0.01	0.20	0.19	5.10	103	102	1.0	102			80 - 120	20	
Cadmium	BRL	0.005	<0.005	<0.005	NC	101	101	0.0	100			80 - 120	20	
Chromium	BRL	0.010	<0.010	<0.010	NC	101	101	0.0	102			80 - 120	20	
Lead	BRL	0.010	<0.010	<0.010	NC	100	98.9	1.1	100			80 - 120	20	
Selenium	BRL	0.05	<0.05	<0.05	NC	103	103	0.0	103			80 - 120	20	
Silver	BRL	0.010	<0.010	<0.010	NC	102	103	1.0	105			80 - 120	20	
Comment: Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.														
QA/QC Batch 786371 (mg/kg), QC Sample No: CT37256 (CT36741)														
ICP Metals - Soil														
Arsenic	BRL	0.67	3.88	2.9	NC	87.3	101	14.6	92.1	92.5	0.4	75 - 125	30	
Barium	BRL	0.33	183	219	17.9	100	114	13.1	97.9	93.3	4.8	75 - 125	30	
Cadmium	BRL	0.33	0.58	0.53	NC	101	114	12.1	97.3	97.6	0.3	75 - 125	30	
Chromium	BRL	0.33	42.4	50.5	17.4	99.8	117	15.9	103	96.9	6.1	75 - 125	30	
Copper	BRL	0.67	44.9	46.3	3.10	98.2	117	17.5	103	99.9	3.1	75 - 125	30	
Lead	BRL	0.33	127	70.2	57.6	92.4	108	15.6	89.9	125	32.7	75 - 125	30	r
Nickel	BRL	0.33	23.1	21.9	5.30	102	119	15.4	101	98.1	2.9	75 - 125	30	
Selenium	BRL	1.3	<1.9	<2.1	NC	82.1	93.5	13.0	81.0	83.1	2.6	75 - 125	30	
Silver	BRL	0.33	<0.46	<0.51	NC	92.4	108	15.6	95.8	96.8	1.0	75 - 125	30	
Zinc	BRL	0.75	144	126	13.3	96.6	113	15.6	98.7	122	21.1	75 - 125	30	
Comment: Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.														
QA/QC Batch 786689 (mg/L), QC Sample No: CT38178 (CT36741)														
ICP Metals - SPLP Extraction														
Arsenic	BRL	0.004	0.005	0.006	NC	102	99.2	2.8	100			80 - 120	20	
Barium	BRL	0.010	0.134	0.139	3.70	104	100	3.9	103			80 - 120	20	
Cadmium	BRL	0.005	<0.005	<0.005	NC	103	100	3.0	102			80 - 120	20	

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chromium	BRL	0.010	<0.010	<0.010	NC	103	100	3.0	102			80 - 120	20
Lead	BRL	0.010	0.211	0.220	4.20	103	100	3.0	105			80 - 120	20
Selenium	BRL	0.020	<0.020	<0.020	NC	101	97.7	3.3	97.9			80 - 120	20
Silver	BRL	0.010	<0.010	<0.010	NC	99.8	96.7	3.2	98.8			80 - 120	20

Comment:

Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.

r = This parameter is outside laboratory RPD specified recovery limits.

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

QA/QC Report

June 09, 2025

QA/QC Data

SDG I.D.: GCT36739

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 786951 (mg/Kg), QC Sample No: CT34696 (CT36741)													
Reactivity Cyanide	BRL	5	<5	<5.4	NC	97.0						85 - 115	30
Reactivity Sulfide	BRL	20	<20	<20	NC	100						80 - 120	30
QA/QC Batch 786555 (Degree F), QC Sample No: CT20397 (CT36741)													
Flash Point			>200	>200	NC	101						75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													
QA/QC Batch 786439 (PH), QC Sample No: CT36719 (CT36741)													
pH			7.53	7.52	0.10	100						85 - 115	20

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QA/QC Report

June 09, 2025

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 786976 (mg/Kg), QC Sample No: CT36721 (CT36741)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	93	95	2.1	90			60 - 120	30
% COD (surr)	50	%	91	98	7.4	71			50 - 150	30
% Terphenyl (surr)	93	%	102	99	3.0	111			50 - 150	30
Comment:										
This batch consists of a Blank, LCS, LCSD and MS.										
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 786697 (ug/L), QC Sample No: CT37264 (CT36741)										
Chlorinated Herbicides										
2,4,5-TP (Silvex)	ND	2.5	96	95	1.0				40 - 140	20
2,4-D	ND	5.0	99	102	3.0				40 - 140	20
% DCAA (Surrogate Rec)	142	%	149	145	2.7				30 - 150	20
% DCAA (Surrogate Rec) (Confirm	132	%	147	148	0.7				30 - 150	20
Comment:										
8151 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.										
QA/QC Batch 787191 (ug/Kg), QC Sample No: CT40951 (CT36741)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	130	74	87	16.1	79	79	0.0	40 - 140	30
2,4,5-TP (Silvex)	ND	130	78	83	6.2	81	80	1.2	40 - 140	30
2,4-D	ND	250	79	85	7.3	81	80	1.2	40 - 140	30
2,4-DB	ND	2500	66	77	15.4	75	74	1.3	40 - 140	30
Dalapon	ND	130	72	70	2.8	58	58	0.0	40 - 140	30
Dicamba	ND	130	75	76	1.3	69	68	1.5	40 - 140	30
Dichloroprop	ND	130	85	93	9.0	83	81	2.4	40 - 140	30
Dinoseb	ND	130	82	85	3.6	77	78	1.3	40 - 140	30
MCPA	ND	38000	80	86	7.2	81	80	1.2	40 - 140	30
MCPP	ND	38000	73	80	9.2	73	72	1.4	40 - 140	30
% DCAA (Surrogate Rec)	102	%	102	111	8.5	101	99	2.0	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	100	%	100	103	3.0	98	95	3.1	30 - 150	30
Comment:										
8151 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.										
QA/QC Batch 786349 (ug/Kg), QC Sample No: CT36260 (CT36741)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	170	95	96	1.0	85	103	19.1	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	92	93	1.1	82	89	8.2	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	105	%	102	111	8.5	80	91	12.9	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	120	%	113	125	10.1	83	93	11.4	30 - 150	30
% TCMX (Surrogate Rec)	105	%	98	103	5.0	79	95	18.4	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	107	%	103	108	4.7	81	99	20.0	30 - 150	30
QA/QC Batch 786826 (ug/L), QC Sample No: CT35395 (CT36741)										
Pesticides										
4,4' -DDD	ND	0.25	106	104	1.9	102			40 - 140	20
4,4' -DDE	ND	0.25	99	97	2.0	96			40 - 140	20
4,4' -DDT	ND	0.25	109	108	0.9	105			40 - 140	20
a-BHC	ND	0.15	98	94	4.2	94			40 - 140	20
Alachlor	ND	0.50	NA	NA	NC	NA			40 - 140	20
Aldrin	ND	0.15	85	89	4.6	88			40 - 140	20
b-BHC	ND	0.15	102	98	4.0	96			40 - 140	20
Chlordane	ND	5.0	84	82	2.4	82			40 - 140	20
d-BHC	ND	0.50	92	93	1.1	93			40 - 140	20
Dieldrin	ND	0.15	95	93	2.1	93			40 - 140	20
Endosulfan I	ND	0.50	94	91	3.2	91			40 - 140	20
Endosulfan II	ND	0.50	105	102	2.9	104			40 - 140	20
Endosulfan sulfate	ND	0.50	112	109	2.7	108			40 - 140	20
Endrin	ND	0.50	106	108	1.9	109			40 - 140	20
Endrin aldehyde	ND	0.50	98	95	3.1	95			40 - 140	20
g-BHC	ND	0.15	108	104	3.8	103			40 - 140	20
Heptachlor	ND	0.50	94	95	1.1	94			40 - 140	20
Heptachlor epoxide	ND	0.50	92	88	4.4	87			40 - 140	20
Methoxychlor	ND	0.50	118	124	5.0	112			40 - 140	20
Toxaphene	ND	20	NA	NA	NC	NA			40 - 140	20
% DCBP	91	%	90	89	1.1	88			30 - 150	20
% DCBP (Confirmation)	131	%	124	130	4.7	127			30 - 150	20
% TCMX	42	%	72	76	5.4	75			30 - 150	20
% TCMX (Confirmation)	38	%	65	70	7.4	69			30 - 150	20
Comment:										
8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.										
QA/QC Batch 786975 (ug/Kg), QC Sample No: CT36122 (CT36741)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	76	73	4.0	79	86	8.5	40 - 140	30
4,4' -DDE	ND	1.7	71	68	4.3	77	77	0.0	40 - 140	30
4,4' -DDT	ND	1.7	78	74	5.3	82	86	4.8	40 - 140	30
a-BHC	ND	1.0	67	64	4.6	72	74	2.7	40 - 140	30
Alachlor	ND	3.3	NA	NA	NC	NA	NA	NC	40 - 140	30
Aldrin	ND	1.0	68	67	1.5	75	77	2.6	40 - 140	30
b-BHC	ND	1.0	70	70	0.0	74	76	2.7	40 - 140	30
Chlordane	ND	33	61	61	0.0	73	75	2.7	40 - 140	30
d-BHC	ND	3.3	65	63	3.1	73	72	1.4	40 - 140	30
Dieldrin	ND	1.0	69	67	2.9	75	78	3.9	40 - 140	30
Endosulfan I	ND	3.3	55	51	7.5	56	62	10.2	40 - 140	30
Endosulfan II	ND	3.3	76	73	4.0	80	90	11.8	40 - 140	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endosulfan sulfate	ND	3.3	78	75	3.9	81	87	7.1	40 - 140	30
Endrin	ND	3.3	78	75	3.9	84	87	3.5	40 - 140	30
Endrin aldehyde	ND	3.3	76	69	9.7	74	77	4.0	40 - 140	30
Endrin ketone	ND	3.3	84	81	3.6	79	84	6.1	40 - 140	30
g-BHC	ND	1.0	77	77	0.0	86	85	1.2	40 - 140	30
Heptachlor	ND	3.3	69	69	0.0	73	73	0.0	40 - 140	30
Heptachlor epoxide	ND	3.3	63	62	1.6	69	69	0.0	40 - 140	30
Methoxychlor	ND	3.3	86	85	1.2	83	81	2.4	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	69	%	59	57	3.4	59	61	3.3	30 - 150	30
% DCBP (Confirmation)	100	%	87	89	2.3	104	109	4.7	30 - 150	30
% TCMX	70	%	59	61	3.3	60	60	0.0	30 - 150	30
% TCMX (Confirmation)	61	%	53	61	14.0	66	65	1.5	30 - 150	30

Comment:

8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

QA/QC Batch 786753 (ug/L), QC Sample No: CT36500 (CT36739, CT36740, CT36741)

Semivolatiles - SPLP

1,2,4,5-Tetrachlorobenzene	ND	3.5	79	70	12.1				40 - 140	20
1,2,4-Trichlorobenzene	ND	3.5	78	70	10.8				40 - 140	20
1,2-Dichlorobenzene	ND	1.0	67	61	9.4				40 - 140	20
1,2-Diphenylhydrazine	ND	1.6	80	70	13.3				40 - 140	20
1,3-Dichlorobenzene	ND	1.0	66	60	9.5				40 - 140	20
1,4-Dichlorobenzene	ND	1.0	65	58	11.4				40 - 140	20
2,2'-Oxybis(1-Chloropropane)	ND	1.0	59	53	10.7				40 - 140	20
2,4,5-Trichlorophenol	ND	1.0	82	71	14.4				40 - 140	20
2,4,6-Trichlorophenol	ND	1.0	81	70	14.6				30 - 130	20
2,4-Dichlorophenol	ND	1.0	83	71	15.6				30 - 130	20
2,4-Dimethylphenol	ND	1.0	90	77	15.6				30 - 130	20
2,4-Dinitrophenol	ND	1.0	90	76	16.9				30 - 130	20
2,4-Dinitrotoluene	ND	3.5	96	84	13.3				30 - 130	20
2,6-Dinitrotoluene	ND	3.5	93	83	11.4				40 - 140	20
2-Chloronaphthalene	ND	3.5	81	70	14.6				40 - 140	20
2-Chlorophenol	ND	1.0	67	57	16.1				30 - 130	20
2-Methylnaphthalene	ND	3.5	81	72	11.8				40 - 140	20
2-Methylphenol (o-cresol)	ND	1.0	80	68	16.2				40 - 140	20
2-Nitroaniline	ND	3.5	122	110	10.3				40 - 140	20
2-Nitrophenol	ND	1.0	88	75	16.0				40 - 140	20
3&4-Methylphenol (m&p-cresol)	ND	1.0	78	66	16.7				30 - 130	20
3,3'-Dichlorobenzidine	ND	5.0	68	62	9.2				40 - 140	20
3-Nitroaniline	ND	5.0	103	90	13.5				40 - 140	20
4,6-Dinitro-2-methylphenol	ND	1.0	100	89	11.6				30 - 130	20
4-Bromophenyl phenyl ether	ND	3.5	87	78	10.9				40 - 140	20
4-Chloro-3-methylphenol	ND	1.0	92	80	14.0				30 - 130	20
4-Chloroaniline	ND	3.5	90	84	6.9				40 - 140	20
4-Chlorophenyl phenyl ether	ND	1.0	83	73	12.8				40 - 140	20
4-Nitroaniline	ND	5.0	90	77	15.6				40 - 140	20
4-Nitrophenol	ND	1.0	85	75	12.5				30 - 130	20
Acenaphthene	ND	1.5	79	70	12.1				30 - 130	20
Acenaphthylene	ND	3.5	71	61	15.2				40 - 140	20
Acetophenone	ND	3.5	75	65	14.3				40 - 140	20
Aniline	ND	3.5	66	61	7.9				40 - 140	20

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Anthracene	ND	1.5	84	75	11.3				40 - 140	20	
Benz(a)anthracene	ND	1.5	85	76	11.2				40 - 140	20	
Benzidine	ND	4.5	101	103	2.0				40 - 140	20	
Benzo(a)pyrene	ND	1.5	73	65	11.6				40 - 140	20	
Benzo(b)fluoranthene	ND	1.5	83	75	10.1				40 - 140	20	
Benzo(ghi)perylene	ND	1.5	81	72	11.8				40 - 140	20	
Benzo(k)fluoranthene	ND	1.5	80	71	11.9				40 - 140	20	
Benzoic acid	ND	10	75	63	17.4				30 - 130	20	
Benzyl butyl phthalate	ND	1.5	95	85	11.1				40 - 140	20	
Bis(2-chloroethoxy)methane	ND	3.5	79	70	12.1				40 - 140	20	
Bis(2-chloroethyl)ether	ND	1.0	69	61	12.3				40 - 140	20	
Bis(2-ethylhexyl)phthalate	ND	1.5	95	85	11.1				40 - 140	20	
Carbazole	ND	5.0	88	79	10.8				40 - 140	20	
Chrysene	ND	1.5	84	75	11.3				40 - 140	20	
Dibenz(a,h)anthracene	ND	1.5	83	75	10.1				40 - 140	20	
Dibenzofuran	ND	3.5	81	72	11.8				40 - 140	20	
Diethyl phthalate	ND	1.5	92	81	12.7				40 - 140	20	
Dimethylphthalate	ND	1.5	86	76	12.3				40 - 140	20	
Di-n-butylphthalate	ND	1.5	96	86	11.0				40 - 140	20	
Di-n-octylphthalate	ND	1.5	99	89	10.6				40 - 140	20	
Fluoranthene	ND	1.5	89	80	10.7				40 - 140	20	
Fluorene	ND	1.5	85	74	13.8				40 - 140	20	
Hexachlorobenzene	ND	3.5	87	76	13.5				40 - 140	20	
Hexachlorobutadiene	ND	3.5	78	68	13.7				40 - 140	20	
Hexachlorocyclopentadiene	ND	3.5	25	19	27.3				40 - 140	20	l,r
Hexachloroethane	ND	3.5	68	60	12.5				40 - 140	20	
Indeno(1,2,3-cd)pyrene	ND	3.5	79	70	12.1				40 - 140	20	
Isophorone	ND	3.5	78	68	13.7				40 - 140	20	
Naphthalene	ND	1.5	76	68	11.1				40 - 140	20	
Nitrobenzene	ND	3.5	76	68	11.1				40 - 140	20	
N-Nitrosodimethylamine	ND	1.0	61	54	12.2				40 - 140	20	
N-Nitrosodi-n-propylamine	ND	3.5	77	68	12.4				40 - 140	20	
N-Nitrosodiphenylamine	ND	3.5	74	64	14.5				40 - 140	20	
Pentachloronitrobenzene	ND	5.0	91	81	11.6				40 - 140	20	
Pentachlorophenol	ND	3.5	76	67	12.6				30 - 130	20	
Phenanthrene	ND	1.5	86	77	11.0				40 - 140	20	
Phenol	ND	1.0	72	61	16.5				30 - 130	20	
Pyrene	ND	1.5	86	77	11.0				30 - 130	20	
Pyridine	ND	5.0	42	36	15.4				40 - 140	20	l
% 2,4,6-Tribromophenol	57	%	84	78	7.4				15 - 110	20	
% 2-Fluorobiphenyl	58	%	73	64	13.1				30 - 130	20	
% 2-Fluorophenol	43	%	55	46	17.8				15 - 110	20	
% Nitrobenzene-d5	52	%	71	63	11.9				30 - 130	20	
% Phenol-d5	45	%	62	52	17.5				15 - 110	20	
% Terphenyl-d14	64	%	81	72	11.8				30 - 130	20	

Comment:

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

Additional 8270 criteria: 10% 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 786966 (ug/kg), QC Sample No: CT36521 (CT36741)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	61	57	6.8	68	64	6.1	40 - 140	30	

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trichlorobenzene	ND	230	64	47	30.6	64	61	4.8	40 - 140	30	r
1,2-Dichlorobenzene	ND	180	60	55	8.7	57	54	5.4	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	66	81	20.4	74	73	1.4	40 - 140	30	
1,3-Dichlorobenzene	ND	230	59	54	8.8	54	50	7.7	40 - 140	30	
1,4-Dichlorobenzene	ND	230	58	53	9.0	54	50	7.7	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	57	42	30.3	54	53	1.9	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	70	82	15.8	76	73	4.0	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	71	82	14.4	78	74	5.3	30 - 130	30	
2,4-Dichlorophenol	ND	130	67	66	1.5	76	71	6.8	30 - 130	30	
2,4-Dimethylphenol	ND	230	71	72	1.4	75	73	2.7	30 - 130	30	
2,4-Dinitrophenol	ND	230	77	99	25.0	57	35	47.8	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	73	94	25.1	84	80	4.9	30 - 130	30	
2,6-Dinitrotoluene	ND	130	73	89	19.8	81	78	3.8	40 - 140	30	
2-Chloronaphthalene	ND	230	66	66	0.0	71	68	4.3	40 - 140	30	
2-Chlorophenol	ND	230	65	56	14.9	66	62	6.3	30 - 130	30	
2-Methylnaphthalene	ND	230	73	66	10.1	79	77	2.6	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	73	70	4.2	77	75	2.6	40 - 140	30	
2-Nitroaniline	ND	330	103	93	10.2	116	111	4.4	40 - 140	30	
2-Nitrophenol	ND	230	68	58	15.9	60	59	1.7	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	70	70	0.0	76	75	1.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	85	96	12.2	91	89	2.2	40 - 140	30	
3-Nitroaniline	ND	330	81	105	25.8	95	91	4.3	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	75	97	25.6	66	55	18.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	68	84	21.1	74	72	2.7	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	73	85	15.2	85	81	4.8	30 - 130	30	
4-Chloroaniline	ND	230	63	73	14.7	74	75	1.3	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	67	79	16.4	76	72	5.4	40 - 140	30	
4-Nitroaniline	ND	230	74	90	19.5	82	82	0.0	40 - 140	30	
4-Nitrophenol	ND	230	85	114	29.1	96	93	3.2	30 - 130	30	
Acenaphthene	ND	230	60	65	8.0	71	66	7.3	30 - 130	30	
Acenaphthylene	ND	130	54	58	7.1	60	58	3.4	40 - 140	30	
Acetophenone	ND	230	62	54	13.8	61	60	1.7	40 - 140	30	
Aniline	ND	330	62	64	3.2	58	60	3.4	40 - 140	30	
Anthracene	ND	230	65	82	23.1	71	67	5.8	40 - 140	30	
Benz(a)anthracene	ND	230	65	72	10.2	71	65	8.8	40 - 140	30	
Benzidine	ND	330	94	85	10.1	60	62	3.3	40 - 140	30	
Benzo(a)pyrene	ND	130	65	71	8.8	68	61	10.9	40 - 140	30	
Benzo(b)fluoranthene	ND	160	63	70	10.5	74	65	12.9	40 - 140	30	
Benzo(ghi)perylene	ND	230	62	68	9.2	59	50	16.5	40 - 140	30	
Benzo(k)fluoranthene	ND	230	63	70	10.5	67	63	6.2	40 - 140	30	
Benzoic Acid	ND	670	104	95	9.0	27	10	91.9	30 - 130	30	m,r
Benzyl butyl phthalate	ND	230	73	99	30.2	79	79	0.0	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	64	60	6.5	65	63	3.1	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	63	57	10.0	59	58	1.7	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	73	82	11.6	84	79	6.1	40 - 140	30	
Carbazole	ND	230	72	91	23.3	81	78	3.8	40 - 140	30	
Chrysene	ND	230	65	71	8.8	67	62	7.8	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	68	75	9.8	70	62	12.1	40 - 140	30	
Dibenzofuran	ND	230	68	77	12.4	79	75	5.2	40 - 140	30	
Diethyl phthalate	ND	230	72	91	23.3	80	77	3.8	40 - 140	30	
Dimethylphthalate	ND	230	69	85	20.8	76	73	4.0	40 - 140	30	
Di-n-butylphthalate	ND	670	72	93	25.5	77	75	2.6	40 - 140	30	
Di-n-octylphthalate	ND	230	74	84	12.7	79	76	3.9	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Fluoranthene	ND	230	64	82	24.7	67	57	16.1	40 - 140	30	
Fluorene	ND	230	65	77	16.9	76	72	5.4	40 - 140	30	
Hexachlorobenzene	ND	130	73	90	20.9	71	71	0.0	40 - 140	30	
Hexachlorobutadiene	ND	230	62	44	34.0	60	57	5.1	40 - 140	30	r
Hexachlorocyclopentadiene	ND	230	54	45	18.2	27	22	20.4	40 - 140	30	m
Hexachloroethane	ND	130	61	40	41.6	55	52	5.6	40 - 140	30	r
Indeno(1,2,3-cd)pyrene	ND	230	67	74	9.9	66	56	16.4	40 - 140	30	
Isophorone	ND	130	60	58	3.4	61	59	3.3	40 - 140	30	
Naphthalene	ND	230	57	45	23.5	59	56	5.2	40 - 140	30	
Nitrobenzene	ND	130	64	52	20.7	63	62	1.6	40 - 140	30	
N-Nitrosodimethylamine	ND	230	60	54	10.5	56	55	1.8	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	64	58	9.8	64	62	3.2	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	67	84	22.5	77	73	5.3	40 - 140	30	
Pentachloronitrobenzene	ND	230	71	91	24.7	73	72	1.4	40 - 140	30	
Pentachlorophenol	ND	230	80	87	8.4	72	72	0.0	30 - 130	30	
Phenanthrene	ND	130	64	80	22.2	64	56	13.3	40 - 140	30	
Phenol	ND	230	65	65	0.0	72	70	2.8	30 - 130	30	
Pyrene	ND	230	63	80	23.8	67	58	14.4	30 - 130	30	
Pyridine	ND	230	49	44	10.8	47	43	8.9	40 - 140	30	
% 2,4,6-Tribromophenol	77	%	78	96	20.7	77	77	0.0	30 - 130	30	
% 2-Fluorobiphenyl	54	%	65	63	3.1	67	66	1.5	30 - 130	30	
% 2-Fluorophenol	50	%	67	57	16.1	64	62	3.2	30 - 130	30	
% Nitrobenzene-d5	50	%	63	51	21.1	63	63	0.0	30 - 130	30	
% Phenol-d5	53	%	68	66	3.0	71	69	2.9	30 - 130	30	
% Terphenyl-d14	66	%	62	80	25.4	67	63	6.2	30 - 130	30	

Comment:

Additional 8270 criteria: 10% 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 786753 (ug/L), QC Sample No: CT36500 (CT36739, CT36740, CT36741)

Semivolatiles (SIM) - SPLP

2-Methylnaphthalene	ND	0.50	85	73	15.2				30 - 130	20	
Acenaphthene	ND	0.50	78	65	18.2				30 - 130	20	
Acenaphthylene	ND	0.50	64	56	13.3				30 - 130	20	
Anthracene	ND	0.50	70	60	15.4				30 - 130	20	
Benz(a)anthracene	ND	0.50	79	69	13.5				30 - 130	20	
Benzo(a)pyrene	ND	0.50	66	57	14.6				30 - 130	20	
Benzo(b)fluoranthene	ND	0.50	78	69	12.2				30 - 130	20	
Benzo(ghi)perylene	ND	0.50	72	63	13.3				30 - 130	20	
Benzo(k)fluoranthene	ND	0.50	70	63	10.5				30 - 130	20	
Chrysene	ND	0.50	81	71	13.2				30 - 130	20	
Dibenz(a,h)anthracene	ND	0.50	79	70	12.1				30 - 130	20	
Fluoranthene	ND	0.50	81	71	13.2				30 - 130	20	
Fluorene	ND	0.50	77	69	11.0				30 - 130	20	
Hexachlorobenzene	ND	0.50	73	65	11.6				30 - 130	20	
Hexachlorobutadiene	ND	0.50	69	59	15.6				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	0.50	72	62	14.9				30 - 130	20	
Naphthalene	ND	0.50	71	62	13.5				30 - 130	20	
Nitrobenzene	ND	0.50	71	60	16.8				30 - 130	20	
Pentachlorophenol	ND	0.50	96	81	16.9				30 - 130	20	
Phenanthrene	ND	0.50	78	67	15.2				30 - 130	20	
Pyrene	ND	0.50	82	71	14.4				30 - 130	20	
Pyridine	ND	0.50	44	41	7.1				30 - 130	20	

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% 2,4,6-Tribromophenol	66	%		88	74	17.3				15 - 110	20	
% 2-Fluorobiphenyl	51	%		66	59	11.2				30 - 130	20	
% 2-Fluorophenol	49	%		51	43	17.0				15 - 110	20	
% Nitrobenzene-d5	56	%		69	59	15.6				30 - 130	20	
% Phenol-d5	55	%		56	47	17.5				15 - 110	20	
% Terphenyl-d14	58	%		68	60	12.5				30 - 130	20	

Comment:

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

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 786537 (ug/kg), QC Sample No: CT36813 (CT36741, CT36742)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0		96	95	1.0	95	95	0.0	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0		110	109	0.9	109	111	1.8	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0		107	108	0.9	126	128	1.6	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0		105	105	0.0	105	104	1.0	70 - 130	20	
1,1-Dichloroethane	ND	5.0		120	119	0.8	120	123	2.5	70 - 130	20	
1,1-Dichloroethene	ND	5.0		114	112	1.8	116	116	0.0	70 - 130	20	
1,1-Dichloropropene	ND	5.0		110	108	1.8	109	108	0.9	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0		94	95	1.1	58	52	10.9	70 - 130	20	m
1,2,3-Trichloropropane	ND	5.0		118	113	4.3	123	129	4.8	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0		96	95	1.0	65	57	13.1	70 - 130	20	m
1,2,4-Trimethylbenzene	ND	1.0		106	105	0.9	103	99	4.0	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0		94	95	1.1	91	96	5.3	70 - 130	20	
1,2-Dibromoethane	ND	5.0		98	99	1.0	104	104	0.0	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0		100	101	1.0	98	94	4.2	70 - 130	20	
1,2-Dichloroethane	ND	5.0		106	108	1.9	108	108	0.0	70 - 130	20	
1,2-Dichloropropane	ND	5.0		106	106	0.0	107	107	0.0	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0		108	106	1.9	113	110	2.7	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0		100	100	0.0	101	98	3.0	70 - 130	20	
1,3-Dichloropropane	ND	5.0		105	105	0.0	111	110	0.9	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0		100	98	2.0	99	96	3.1	70 - 130	20	
1,4-dioxane	ND	100		97	119	20.4	98	97	1.0	70 - 130	20	
2,2-Dichloropropane	ND	5.0		99	99	0.0	97	98	1.0	70 - 130	20	
2-Chlorotoluene	ND	5.0		105	102	2.9	115	111	3.5	70 - 130	20	
2-Hexanone	ND	25		85	87	2.3	75	74	1.3	70 - 130	20	
2-Isopropyltoluene	ND	5.0		107	106	0.9	109	106	2.8	70 - 130	20	
4-Chlorotoluene	ND	5.0		105	101	3.9	113	110	2.7	70 - 130	20	
4-Methyl-2-pentanone	ND	25		94	96	2.1	89	87	2.3	70 - 130	20	
Acetone	ND	10		122	126	3.2	112	117	4.4	70 - 130	20	
Acrylonitrile	ND	5.0		110	114	3.6	107	110	2.8	70 - 130	20	
Benzene	ND	1.0		108	108	0.0	109	108	0.9	70 - 130	20	
Bromobenzene	ND	5.0		100	98	2.0	110	110	0.0	70 - 130	20	
Bromochloromethane	ND	5.0		112	111	0.9	107	113	5.5	70 - 130	20	
Bromodichloromethane	ND	5.0		106	110	3.7	104	106	1.9	70 - 130	20	
Bromoform	ND	5.0		94	97	3.1	86	90	4.5	70 - 130	20	
Bromomethane	ND	5.0		125	119	4.9	126	131	3.9	70 - 130	20	m
Carbon Disulfide	ND	5.0		118	115	2.6	110	116	5.3	70 - 130	20	
Carbon tetrachloride	ND	5.0		107	107	0.0	99	103	4.0	70 - 130	20	
Chlorobenzene	ND	5.0		101	101	0.0	103	101	2.0	70 - 130	20	
Chloroethane	ND	5.0		136	135	0.7	139	144	3.5	70 - 130	20	l,m
Chloroform	ND	5.0		115	117	1.7	116	120	3.4	70 - 130	20	

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	5.0	108	109	0.9	115	119	3.4	70 - 130	20	
cis-1,2-Dichloroethene	ND	5.0	115	115	0.0	111	114	2.7	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	103	103	0.0	98	99	1.0	70 - 130	20	
Dibromochloromethane	ND	3.0	101	101	0.0	102	102	0.0	70 - 130	20	
Dibromomethane	ND	5.0	103	106	2.9	103	103	0.0	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	102	101	1.0	129	129	0.0	70 - 130	20	
Diethyl ether	ND	5.0	122	125	2.4	128	132	3.1	70 - 130	20	m
Ethyl tert-butyl ether	ND	5.0	109	113	3.6	114	116	1.7	70 - 130	20	
Ethylbenzene	ND	1.0	103	101	2.0	104	103	1.0	70 - 130	20	
Hexachlorobutadiene	ND	5.0	97	92	5.3	65	67	3.0	70 - 130	20	m
Isopropylbenzene	ND	1.0	109	105	3.7	120	121	0.8	70 - 130	20	
m&p-Xylene	ND	2.0	101	99	2.0	99	97	2.0	70 - 130	20	
Methyl ethyl ketone	ND	5.0	101	109	7.6	95	102	7.1	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	1.0	110	113	2.7	114	117	2.6	70 - 130	20	
Methylene chloride	ND	5.0	102	102	0.0	104	106	1.9	70 - 130	20	
Naphthalene	ND	5.0	100	101	1.0	56	47	17.5	70 - 130	20	m
n-Butylbenzene	ND	1.0	115	111	3.5	101	99	2.0	70 - 130	20	
n-Propylbenzene	ND	1.0	109	104	4.7	115	118	2.6	70 - 130	20	
o-Xylene	ND	2.0	100	100	0.0	100	98	2.0	70 - 130	20	
p-Isopropyltoluene	ND	1.0	108	103	4.7	104	104	0.0	70 - 130	20	
sec-Butylbenzene	ND	1.0	111	106	4.6	112	111	0.9	70 - 130	20	
Styrene	ND	5.0	100	100	0.0	98	96	2.1	70 - 130	20	
tert-amyl methyl ether	ND	5.0	92	95	3.2	96	97	1.0	70 - 130	20	
tert-Butylbenzene	ND	1.0	106	102	3.8	113	112	0.9	70 - 130	20	
Tetrachloroethene	ND	5.0	96	96	0.0	92	90	2.2	70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	105	111	5.6	118	112	5.2	70 - 130	20	
Toluene	ND	1.0	103	104	1.0	103	101	2.0	70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	113	110	2.7	109	112	2.7	70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	100	103	3.0	93	94	1.1	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	93	95	2.1	102	107	4.8	70 - 130	20	
Trichloroethene	ND	5.0	102	100	2.0	100	97	3.0	70 - 130	20	
Trichlorofluoromethane	ND	5.0	129	125	3.1	128	134	4.6	70 - 130	20	m
Trichlorotrifluoroethane	ND	5.0	104	105	1.0	105	108	2.8	70 - 130	20	
Vinyl chloride	ND	5.0	111	110	0.9	117	121	3.4	70 - 130	20	
% 1,2-dichlorobenzene-d4	95	%	99	96	3.1	97	96	1.0	70 - 130	20	
% Bromofluorobenzene	94	%	94	95	1.1	93	90	3.3	70 - 130	20	
% Dibromofluoromethane	93	%	91	92	1.1	93	94	1.1	70 - 130	20	
% Toluene-d8	98	%	99	100	1.0	98	97	1.0	70 - 130	20	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 786537H (ug/kg), QC Sample No: CT36813 50X (CT36743 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	92	90	2.2	92	89	3.3	70 - 130	20	
1,1,1-Trichloroethane	ND	250	105	105	0.0	108	108	0.0	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	250	106	104	1.9	109	110	0.9	70 - 130	20	
1,1,2-Trichloroethane	ND	250	102	101	1.0	102	106	3.8	70 - 130	20	
1,1-Dichloroethane	ND	250	114	113	0.9	119	120	0.8	70 - 130	20	
1,1-Dichloroethene	ND	250	82	83	1.2	92	93	1.1	70 - 130	20	
1,1-Dichloropropene	ND	250	110	109	0.9	115	116	0.9	70 - 130	20	
1,2,3-Trichlorobenzene	ND	250	97	97	0.0	97	98	1.0	70 - 130	20	
1,2,3-Trichloropropane	ND	250	105	106	0.9	105	95	10.0	70 - 130	20	
1,2,4-Trichlorobenzene	ND	250	99	99	0.0	98	102	4.0	70 - 130	20	

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trimethylbenzene	ND	250	106	108	1.9	110	112	1.8	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	250	88	81	8.3	87	83	4.7	70 - 130	20	
1,2-Dibromoethane	ND	250	99	95	4.1	99	103	4.0	70 - 130	20	
1,2-Dichlorobenzene	ND	250	100	101	1.0	101	103	2.0	70 - 130	20	
1,2-Dichloroethane	ND	250	104	102	1.9	106	108	1.9	70 - 130	20	
1,2-Dichloropropane	ND	250	107	106	0.9	107	110	2.8	70 - 130	20	
1,3,5-Trimethylbenzene	ND	250	107	109	1.9	110	112	1.8	70 - 130	20	
1,3-Dichlorobenzene	ND	250	102	103	1.0	103	105	1.9	70 - 130	20	
1,3-Dichloropropane	ND	250	103	103	0.0	107	108	0.9	70 - 130	20	
1,4-Dichlorobenzene	ND	250	99	101	2.0	103	104	1.0	70 - 130	20	
1,4-dioxane	ND	5000	101	104	2.9	99	103	4.0	70 - 130	20	
2,2-Dichloropropane	ND	250	97	92	5.3	88	89	1.1	70 - 130	20	
2-Chlorotoluene	ND	250	103	106	2.9	108	109	0.9	70 - 130	20	
2-Hexanone	ND	1300	81	77	5.1	85	85	0.0	70 - 130	20	
2-Isopropyltoluene	ND	250	105	107	1.9	110	112	1.8	70 - 130	20	
4-Chlorotoluene	ND	250	103	103	0.0	106	108	1.9	70 - 130	20	
4-Methyl-2-pentanone	ND	1300	92	88	4.4	95	96	1.0	70 - 130	20	
Acetone	ND	500	86	81	6.0	92	92	0.0	70 - 130	20	
Acrylonitrile	ND	250	106	100	5.8	107	111	3.7	70 - 130	20	
Benzene	ND	250	108	108	0.0	112	113	0.9	70 - 130	20	
Bromobenzene	ND	250	98	97	1.0	100	101	1.0	70 - 130	20	
Bromochloromethane	ND	250	109	108	0.9	107	112	4.6	70 - 130	20	
Bromodichloromethane	ND	250	101	100	1.0	102	105	2.9	70 - 130	20	
Bromoform	ND	250	83	79	4.9	83	81	2.4	70 - 130	20	
Bromomethane	ND	250	73	78	6.6	84	85	1.2	70 - 130	20	
Carbon Disulfide	ND	250	85	84	1.2	97	95	2.1	70 - 130	20	
Carbon tetrachloride	ND	250	91	90	1.1	89	92	3.3	70 - 130	20	
Chlorobenzene	ND	250	103	102	1.0	106	105	0.9	70 - 130	20	
Chloroethane	ND	250	57	58	1.7	69	65	6.0	70 - 130	20	l,m
Chloroform	ND	250	116	114	1.7	116	120	3.4	70 - 130	20	
Chloromethane	ND	250	102	103	1.0	112	113	0.9	70 - 130	20	
cis-1,2-Dichloroethene	ND	250	106	113	6.4	123	118	4.1	70 - 130	20	
cis-1,3-Dichloropropene	ND	250	100	98	2.0	100	100	0.0	70 - 130	20	
Dibromochloromethane	ND	150	95	93	2.1	95	94	1.1	70 - 130	20	
Dibromomethane	ND	250	103	100	3.0	103	105	1.9	70 - 130	20	
Dichlorodifluoromethane	ND	250	102	101	1.0	120	123	2.5	70 - 130	20	
Diethyl ether	ND	250	73	72	1.4	81	79	2.5	70 - 130	20	
Ethyl tert-butyl ether	ND	250	108	107	0.9	108	111	2.7	70 - 130	20	
Ethylbenzene	ND	250	104	102	1.9	109	107	1.9	70 - 130	20	
Hexachlorobutadiene	ND	250	97	99	2.0	99	102	3.0	70 - 130	20	
Isopropylbenzene	ND	250	105	107	1.9	109	112	2.7	70 - 130	20	
m&p-Xylene	ND	250	102	101	1.0	107	106	0.9	70 - 130	20	
Methyl ethyl ketone	ND	250	100	94	6.2	104	107	2.8	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	250	107	104	2.8	108	110	1.8	70 - 130	20	
Methylene chloride	ND	250	92	92	0.0	98	99	1.0	70 - 130	20	
Naphthalene	ND	250	97	96	1.0	98	101	3.0	70 - 130	20	
n-Butylbenzene	ND	250	116	116	0.0	120	122	1.7	70 - 130	20	
n-Propylbenzene	ND	250	105	107	1.9	111	112	0.9	70 - 130	20	
o-Xylene	ND	250	102	104	1.9	107	106	0.9	70 - 130	20	
p-Isopropyltoluene	ND	250	106	108	1.9	112	113	0.9	70 - 130	20	
sec-Butylbenzene	ND	250	108	109	0.9	113	115	1.8	70 - 130	20	
Styrene	ND	250	103	101	2.0	104	104	0.0	70 - 130	20	
tert-amyl methyl ether	ND	250	96	94	2.1	93	97	4.2	70 - 130	20	

QA/QC Data

SDG I.D.: GCT36739

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
tert-Butylbenzene	ND	250	103	105	1.9	108	110	1.8	70 - 130	20	
Tetrachloroethene	ND	250	97	98	1.0	102	104	1.9	70 - 130	20	
Tetrahydrofuran (THF)	ND	250	101	102	1.0	112	113	0.9	70 - 130	20	
Toluene	ND	250	104	106	1.9	108	109	0.9	70 - 130	20	
trans-1,2-Dichloroethene	ND	250	109	109	0.0	114	114	0.0	70 - 130	20	
trans-1,3-Dichloropropene	ND	250	94	93	1.1	92	94	2.2	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	250	85	80	6.1	85	85	0.0	70 - 130	20	
Trichloroethene	ND	250	97	96	1.0	101	102	1.0	70 - 130	20	
Trichlorofluoromethane	ND	250	63	66	4.7	77	73	5.3	70 - 130	20	l
Trichlorotrifluoroethane	ND	250	88	86	2.3	100	99	1.0	70 - 130	20	
Vinyl chloride	ND	250	101	100	1.0	111	112	0.9	70 - 130	20	
% 1,2-dichlorobenzene-d4	97	%	95	96	1.0	95	96	1.0	70 - 130	20	
% Bromofluorobenzene	94	%	98	97	1.0	98	98	0.0	70 - 130	20	
% Dibromofluoromethane	93	%	89	91	2.2	87	91	4.5	70 - 130	20	
% Toluene-d8	99	%	100	100	0.0	99	101	2.0	70 - 130	20	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = 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
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
June 09, 2025

Monday, June 09, 2025

Criteria: CT: GAM, RC; EPA: TOX

State: CT

Sample Criteria Exceedances Report

GCT36739 - FO

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT36741	$8270-CTSMR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	1400	540	1000	1000	ug/Kg
CT36741	$8270-CTSMR	Benzo(b)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	1400	540	1000	1000	ug/Kg
CT36741	$PEST_SMR	4,4' -DDT	CT / RSR GA,GAA (mg/kg) / APS Organics	6.8	1.6	3	3	ug/Kg
CT36741	$PEST_SMR	4,4' -DDE	CT / RSR GA,GAA (mg/kg) / APS Organics	3.2	1.6	3	3	ug/Kg

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name Phoenix Environmental Labs, Inc.	Client Name Fuss & O'Neill, Inc.
Project Location RIVERFRONT RECAPTURE	Project No.
Sampling Date(s) 5/28/2025	Laboratory Sample ID(s): CT36739-CT36743

LIST RCP METHODS USED (e.g., 8260,8270, etc.) 1311/1312, 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 DEEP 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 respective RCPs)	☐ 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° C)? *If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable.*	☑ Yes ☐ No ☐ NA
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: SVOA Narration, VOA Narration.	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☑ 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 this data set for applicable RCPs?	☑ 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: Phyllis Shiller Position: Laboratory Director

Printed Name: Phyllis Shiller Date: Monday, June 09, 2025

Name of Laboratory Phoenix Environmental Laboratory, Inc.

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

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RCP Certification Report

June 09, 2025

SDG I.D.: GCT36739

SDG Comments

CT36741 - The following analytes from the 6010 RCP Metals list were not reported: Antimony, Beryllium, Thallium, Vanadium.

Cyanide Narration

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

Instrument:

LACHAT 06/03/25-1 Justin Blake, Greg Danielewski, Chemist 06/03/25

CT36741

The samples were distilled in accordance with the method.
The initial calibration met criteria.
The calibration check standards (ICV,CCV) met criteria.
The initial and continuing calibration blanks (ICB,CCB) met criteria.

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

QC (Batch Specific):

Batch 786951 (CT34696)

CT36741

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

ETPH Narration

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

Instrument:

AU-FID1 06/03/25-1 Jeff Bucko, Chemist 06/03/25

CT36741 (5X)

The initial calibration (ET_513I) 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 (603A003_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 786976 (CT36721)

CT36741

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.
This batch consists of a Blank, LCS, LCSD and MS.
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

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SDG I.D.: GCT36739

Herbicide Narration

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

Instrument:

AU-ECD2 05/31/25-1 Jeff Bucko, Chemist 05/31/25

CT36741 (10X)

The initial calibration (HRB519AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (HRB519BI) 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: CT36741
Preceding CC 531B027 - 2,4,5-TP (10) 21%H (20%)
Succeeding CC 531B039 - 2,4,5-TP (10) 26%H (20%), 2,4-D (8) 26%H (20%)

AU-ECD2 06/04/25-1 Jeff Bucko, Chemist 06/04/25

CT36741 (10X)

The initial calibration (HRB519AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (HRB519BI) 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: CT36741
Preceding CC 604B003 - 2,4,5-T (11) 27%H (20%), 2,4-D (8) 23%H (20%), 2,4-DB (12) 28%H (20%), Dinoseb 37%H (20%)
Succeeding CC 604B013 - 2,4,5-T (11) 24%H (20%), 2,4-D (8) 23%H (20%), 2,4-DB (12) 25%H (20%), Dinoseb 37%H (20%)

QC (Batch Specific):

Batch 786697 (CT37264)

CT36741

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.
8151 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

Batch 787191 (CT40951)

CT36741

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.
8151 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. 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:

PSA 06/02/25 08:41 Zade-Anne Taylor, Chemist 06/02/25

CT36741

The initial calibration met criteria and the linear range is defined daily by the calibration range.
The Low-Level Calibration Verification (LLCV) met criteria.

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SDG I.D.: GCT36739

Mercury Narration

The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Initial Calibration Blank (ICB) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following Continuing Calibration Blank (CCB) compounds did not meet criteria: None.

PSA 06/04/25 06:45 Zade-Anne Taylor, Chemist 06/04/25

CT36741

The initial calibration met criteria and the linear range is defined daily by the calibration range.
The Low-Level Calibration Verification (LLCV) met criteria.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Initial Calibration Blank (ICB) compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following Continuing Calibration Blank (CCB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 786683 (CT36813)

CT36741

All LCS recoveries were within 80 - 120 with the following exceptions: None.
Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.

QC (Site Specific):

Batch 787099 (CT36741)

CT36741

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 75 - 125 with the following exceptions: None.
Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.

ICP Metals Narration

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

Instrument:

ARCOS-3 05/29/25 10:33 Tina Hall, Chemist 05/29/25

CT36741

TThe initial calibration met criteria and the linear range is defined daily by the calibration range.
The Low-Level Calibration Verification (LLCV) met criteria.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Initial Calibration Blank (ICB) compounds did not meet criteria: None.
The following Spectral Interference Check compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following Continuing Calibration Blank (CCB) compounds did not meet criteria: None.

ARCOS-4 05/30/25 10:55 Cindy Pearce, Tina Hall, Chemist 05/30/25

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SDG I.D.: GCT36739

ICP Metals Narration

CT36741

The initial calibration met criteria and the linear range is defined daily by the calibration range.
The Low-Level Calibration Verification (LLCV) met criteria.
The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.
The following Initial Calibration Blank (ICB) compounds did not meet criteria: None.
The following Spectral Interference Check compounds did not meet criteria: None.
The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.
The following Continuing Calibration Blank (CCB) compounds did not meet criteria: None.

QC (Batch Specific):

Batch 786371 (CT37256)

CT36741

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 30% with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.

Batch 786689 (CT38178)

CT36741

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% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.

QC (Site Specific):

Batch 786685 (CT36741)

CT36741

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.
All MS recoveries were within 75 - 125 with the following exceptions: None.
Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.

PCB Narration

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

Instrument:

AU-ECD29 05/29/25-1 Saadia Chudary, Chemist 05/29/25

CT36741 (10X)

The initial calibration (PC0520AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC0520BI) 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 20% except for the following compounds:None.

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SDG I.D.: GCT36739

PCB Narration

QC (Batch Specific):

Batch 786349 (CT36260)

CT36741

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-ECD33 06/02/25-1 Adam Werner, Chemist 06/02/25

CT36741 (10X)

The initial calibration (PS0527AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0527BI) 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: CT36741
Preceding CC 602B015 - Endosulfan II -29%L (20%)
Succeeding CC 602B042 - None.
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.

AU-ECD4 06/03/25-1 Adam Werner, Chemist 06/03/25

CT36741 (2X)

The initial calibration (PS0501AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0501BI) 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: CT36741
Preceding CC 603B033 - 4,4'-DDD 22%H (20%), Endrin aldehyde 22%H (20%)
Succeeding CC 603B047 - Endosulfan sulfate 21%H (20%), Endrin 25%H (20%), Endrin aldehyde 27%H (20%)

QC (Batch Specific):

Batch 786826 (CT35395)

CT36741

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.
8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

Batch 786975 (CT36122)

CT36741

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SDG I.D.: GCT36739

PEST Narration

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.
8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

SVOA Narration

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

QC Batch 786753 (Samples: CT36739, CT36740, CT36741): -----

The LCS/LCSD recovery for one analyte is below the method criteria. A low bias for this analyte is possible. (Hexachlorocyclopentadiene)

The LCSD recovery is below the lower range. All of the other QC is acceptable, therefore no significant bias is suspected. (Pyridine)

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

QC Batch 786966 (Samples: CT36741): -----

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. (2,4-Dinitrophenol, Hexachlorobenzene, Hexachloroethane)

Instrument:

CHEM06 06/03/25-1 Matt Richard, Chemist 06/03/25

CT36739 (1X), CT36740 (1X), CT36741 (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 (CHEM06/6_SVFULL_0527):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM06/0603_03-6_SVFULL_0527):
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: Bis(2-chloroethyl)ether 0.626 (0.7)

CHEM28 06/03/25-1 Matt Richard, Chemist 06/03/25

CT36741 (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.

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RCP Certification Report

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SDG I.D.: GCT36739

SVOA Narration

For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM28/28_SVFULL_0522):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: 2-Nitrophenol 0.075 (0.1), Hexachlorobenzene 0.085 (0.1)

Continuing Calibration Verification (CHEM28/0603_03-28_SVFULL_0522):
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: 3,3'-Dichlorobenzidine 28%L (20%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: 2-Nitrophenol 0.076 (0.1), Hexachlorobenzene 0.080 (0.1)

QC (Batch Specific):

Batch 786753 (CT36500)

CT36739, CT36740, CT36741

All LCS recoveries were within 40 - 140 with the following exceptions: Hexachlorocyclopentadiene(25%)
All LCSD recoveries were within 40 - 140 with the following exceptions: Hexachlorocyclopentadiene(19%), Pyridine(36%)
All LCS/LCSD RPDs were less than 20% with the following exceptions: Hexachlorocyclopentadiene(27.3%)
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8270 criteria: 10% 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%)

Batch 786966 (CT36521)

CT36741

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: 1,2,4-Trichlorobenzene(30.6%), Hexachlorobutadiene(34.0%), Hexachloroethane(41.6%)
Additional 8270 criteria: 10% 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%)

SVOASIM Narration

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

Instrument:

CHEM27 06/02/25-2 Matt Richard, Chemist 06/02/25

CT36739 (1X), CT36740 (1X), CT36741 (1X)

For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM27/27_SIM18_0529):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

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SDG I.D.: GCT36739

SVOASIM Narration

Continuing Calibration Verification (CHEM27/0602_33-27_SIM18_0529):
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 recommended response factors: None.

QC (Batch Specific):

Batch 786753 (CT36500)

CT36739, CT36740, CT36741

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 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.
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 786537 (Samples: CT36741, CT36742): -----

The QC recovery for one analyte is above the upper range but was not reported in the sample(s), therefore no significant bias is suspected. (Chloroethane)

QC Batch 786537H: -----

The LCS/LCSD is below the lower range. A low bias for this analyte is possible. (Trichlorofluoromethane)

The QC recoveries for one analyte is below the lower range. A low bias for this analyte is possible. (Chloroethane)

Instrument:

CHEM31 05/28/25-1 Jane Li, Chemist 05/28/25

CT36741 (1X), CT36742 (1X), CT36743 (50X)

Initial Calibration Evaluation (CHEM31/VT-050625):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet Table 4 recommended minimum response factors: 1,1,2-Trichloroethane 0.180 (0.2)

Continuing Calibration Verification (CHEM31/0528_02-VT-050625):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
90% of target compounds met criteria.
The following compounds did not meet % deviation criteria: Acetone 25%H (20%), Bromomethane 21%H (20%), Carbon tetrachloride 23%H (20%), Chloroethane 30%H (20%), Diethyl ether 27%H (20%), Trichlorofluoromethane 24%H (20%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: 1,1,2-Trichloroethane 0.188 (0.2)

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RCP Certification Report

June 09, 2025

SDG I.D.: GCT36739

VOA Narration

QC (Batch Specific):

Batch 786537 (CT36813) CHEM31 5/28/2025-1

CT36741(1X), CT36742(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: Chloroethane(136%)
All LCSD recoveries were within 70 - 130 with the following exceptions: Chloroethane(135%)
All LCS/LCSD RPDs were less than 20% 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%.

Batch 786537H (CT36813) CHEM31 5/28/2025-1

CT36743(50X)

All LCS recoveries were within 70 - 130 with the following exceptions: Chloroethane(57%), Trichlorofluoromethane(63%)
All LCSD recoveries were within 70 - 130 with the following exceptions: Chloroethane(58%), Trichlorofluoromethane(66%)
All LCS/LCSD RPDs were less than 20% 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%.

Temperature Narration

The samples were received at 13.3C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 13.3° C Coolant: IPK ☑ ICE ☐ Cooler: Yes ☑ No ☐ / No ☐

PHOENIX
Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Pg of

Data Delivery/Contact Options:
Phone:
Email(s):

Customer: ~~Financial Plaza~~ Fuss + O'Neill
Address: ~~Hand~~ 1 Financial Plaza
Hartford, CT

Project: Riverfront Recapture
Report to (name): Dan Janne
Invoice to:
Quote # 8270

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5/28/25

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** = TripBlank (other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs 8260 + 1,4-dioxane	SVOCs 8270	EPH/TPH	RCRA 8 Metals	TCLP VOCs	TCLP SVOCs	TCLP Pesticides/PCBs	Pesticides + Herbicides	Corrosivity	Reactivity	Flashpoint	Paint Filter	GL Amber 8 oz. [ ] w/H3PO4 [ ] NaHSO4	Soil VOA Vials [ ] Methanol [ ] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] H2SO4	GL Amber 1000ml [ ] As is [ ] H2O	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
36739	1869250528-01	S	5/28/25	9:30		X													1									
36740	1869250528-02	S	↓	9:37		X													1									
36741	1869250528-03	S	↓	10:00	X	X	X	X	X	X	X	X	X	X				1	4	1	2							
36742	1869250528-04 LL	X	↓	9:25	X																2							
36743	HL																											

Relinquished by:	Accepted by:	Date:	Time:
Olivia Kavanian	[signature]	528-25	12:18

Comments, Special Requirements or Regulations:
EPA Toxicity Characteristics

TB Date 5-27-25 (BH)

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

Turnaround Time:
☐ 1 Day* ☑ Standard
☐ 2 Days* ☐ Other
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*

*** SURCHARGES MAY APPLY**

RI
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

CT
☑ RCP Cert
☐ GWPC
☐ SWPC
☑ GA PMC
☐ GB PMC
☐ SWPC
RES ☑ DEC ☑ VC
I/C ☐ DEC ☐ VC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ S-1 Calc.
☐ S-1
☐ S-2
☐ S-3
☐ SW Prctection

State where samples were collected: CT

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

Data Package
☐ Tier II Checklist*
☐ Full Data Package*
☐ Phoenix Std
☐ MAT-212 Form

*** SURCHARGE APPLIES**

Form PEL-126 Rev. 1/25