PHOENIX
Environmental Laboratories, Inc.

Tuesday, September 19, 2023

Attn: Tim Myjak
EKI Environmental & Water Inc
80 Eastern Blvd. Suite 5
Glastonbury, CT 06033

Project ID: **C30138 HONEY HILL (C3-210)**
SDG ID: **GCO83124**
Sample ID#s: CO83128, CO83136, CO83138, CO83140 - CO83141

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.

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

September 19, 2023

SDG I.D.: GCO83124

Version 2: TCLP Metals analyses added per client request.

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Sample Id Cross Reference

September 19, 2023

SDG I.D.: GCO83124

Project ID: C30138 HONEY HILL (C3-210)

Client Id	Lab Id	Matrix
TP-6(1-2)	CO83128	SOIL
TP-13(2-3)	CO83136	SOIL
TP-14(1-2)	CO83138	SOIL
TP-15(2-3)	CO83140	SOIL
TP-15(4-5)	CO83141	SOIL

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Analysis Report

September 19, 2023

FOR: Attn: Tim Myjak
EKI Environmental & Water Inc
80 Eastern Blvd. Suite 5
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/25/23	9:30
Location Code:	EKI	Received by:	SR1	08/25/23	13:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	C3-210 C30138				

Laboratory Data

SDG ID: GCO83124
Phoenix ID: CO83128

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-6(1-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.50	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Arsenic	6.9	1.0	mg/Kg	1	09/09/23	CPP	SW6010D
Barium	336	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Beryllium	0.45	0.40	mg/Kg	1	09/09/23	CPP	SW6010D
Cadmium	2.52	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Chromium	33.4	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Copper	34.4	1.0	mg/kg	1	09/09/23	CPP	SW6010D
Mercury	< 0.04	0.04	mg/Kg	2	09/11/23	AL1	SW7471B
Nickel	23.7	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Lead	51.7	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Antimony	< 5.0	5.0	mg/Kg	1	09/09/23	CPP	SW6010D
Selenium	< 2.0	2.0	mg/Kg	1	09/09/23	CPP	SW6010D
Thallium	< 4.5	4.5	mg/Kg	1	09/09/23	CPP	SW6010D
Vanadium	35.1	0.50	mg/Kg	1	09/09/23	CPP	SW6010D
Zinc	152	1.0	mg/Kg	1	09/09/23	CPP	SW6010D
Percent Solid	64		%		08/28/23	CV	SW846-%Solid
Mercury Digestion	Completed				09/11/23	AL/AL	SW7471B
Soil Extraction for SVOA	Completed					Y/H/F	SW3545A
Total Metals Digest	Completed				08/28/23	P/AG	SW3050B
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	08/31/23	AW	SW8270D
1,2,4-Trichlorobenzene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
1,2-Dichlorobenzene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
1,3-Dichlorobenzene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
1,4-Dichlorobenzene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-6(1-2)

Phoenix I.D.: CO83128

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,2'-Oxybis(1-Chloropropane)	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2,4,5-Trichlorophenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dichlorophenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dimethylphenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dinitrophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
2,6-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
2-Chloronaphthalene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2-Chlorophenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2-Methylnaphthalene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2-Methylphenol (o-cresol)	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
2-Nitroaniline	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2-Nitrophenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	520	ug/Kg	1	08/31/23	AW	SW8270D
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
3-Nitroaniline	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	520	ug/Kg	1	08/31/23	AW	SW8270D
4-Chloro-3-methylphenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
4-Chloroaniline	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
4-Nitroaniline	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4-Nitrophenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Acenaphthene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Acenaphthylene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Acetophenone	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Aniline	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Anthracene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Benz(a)anthracene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Benzidine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(a)pyrene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(b)fluoranthene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(ghi)perylene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(k)fluoranthene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Benzoic acid	ND	1000	ug/Kg	1	08/31/23	AW	SW8270D
Benzyl butyl phthalate	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Bis(2-chloroethyl)ether	ND	520	ug/Kg	1	08/31/23	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	520	ug/Kg	1	08/31/23	AW	SW8270D
Carbazole	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Chrysene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Dibenz(a,h)anthracene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Dibenzofuran	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Diethyl phthalate	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Dimethylphthalate	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Di-n-butylphthalate	ND	520	ug/Kg	1	08/31/23	AW	SW8270D
Di-n-octylphthalate	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Fluoranthene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83128
Client ID: TP-6(1-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Hexachlorobenzene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Hexachlorocyclopentadiene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Hexachloroethane	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Isophorone	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Naphthalene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Pentachloronitrobenzene	ND	140	ug/Kg	1	08/31/23	AW	SW8270D
Pentachlorophenol	ND	520	ug/Kg	1	08/31/23	AW	SW8270D
Phenanthrene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Phenol	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Pyrene	ND	360	ug/Kg	1	08/31/23	AW	SW8270D
Pyridine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	1	08/31/23	AW	30 - 130 %
% 2-Fluorobiphenyl	56		%	1	08/31/23	AW	30 - 130 %
% 2-Fluorophenol	55		%	1	08/31/23	AW	30 - 130 %
% Nitrobenzene-d5	55		%	1	08/31/23	AW	30 - 130 %
% Phenol-d5	60		%	1	08/31/23	AW	30 - 130 %
% Terphenyl-d14	64		%	1	08/31/23	AW	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:

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.

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
September 19, 2023
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

September 19, 2023

FOR: Attn: Tim Myjak
EKI Environmental & Water Inc
80 Eastern Blvd. Suite 5
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/25/23	10:10
Location Code:	EKI	Received by:	SR1	08/25/23	13:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	C3-210 C30138				

Laboratory Data

SDG ID: GCO83124
Phoenix ID: CO83136

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-13(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.74	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Arsenic	16.9	1.5	mg/Kg	1	09/09/23	CPP	SW6010D
Barium	71.0	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Beryllium	1.24	0.60	mg/Kg	1	09/09/23	CPP	SW6010D
Cadmium	1.64	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Chromium	72.1	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Copper	21.2	1.5	mg/kg	1	09/09/23	CPP	SW6010D
Mercury	0.13	0.06	mg/Kg	2	09/11/23	AL1	SW7471B
Nickel	42.8	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Lead	41.8	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Antimony	< 7.4	7.4	mg/Kg	1	09/09/23	CPP	SW6010D
Selenium	< 3.0	3.0	mg/Kg	1	09/09/23	CPP	SW6010D
Thallium	< 5.0	5.0	mg/Kg	1	09/09/23	CPP	SW6010D
Vanadium	59.4	0.74	mg/Kg	1	09/09/23	CPP	SW6010D
Zinc	92.3	1.5	mg/Kg	1	09/09/23	CPP	SW6010D
Percent Solid	46		%		08/28/23	CV	SW846-%Solid
Field Extraction	Completed				08/25/23		SW5035A
Mercury Digestion	Completed				09/11/23	AL/AL	SW7471B
Extraction of ETPH	Completed				08/30/23	L/H/A	SW3545A
Soil Extraction for Herbicide	Completed				08/31/23	L/D	SW3546
Soil Extraction for Pesticide	Completed				08/29/23	A/F	SW3545A
Soil Extraction for SVOA	Completed				08/30/23	C/JDW	SW3545A
Extraction for PCB	Completed				08/31/23	/R/AC1/M	SW3540C
Total Metals Digest	Completed				08/28/23	P/AG	SW3050B
Chlorinated Herbicides							
2,4,5-T	ND	270	ug/Kg	10	09/05/23	JRB	SW8151A

Ver 2

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83136
Client ID: TP-13(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	270	ug/Kg	10	09/05/23	JRB	SW8151A
2,4-D	ND	540	ug/Kg	10	09/05/23	JRB	SW8151A
2,4-DB	ND	5400	ug/Kg	10	09/05/23	JRB	SW8151A
Dalapon	ND	270	ug/Kg	10	09/05/23	JRB	SW8151A
Dicamba	ND	270	ug/Kg	10	09/05/23	JRB	SW8151A
Dichloroprop	ND	270	ug/Kg	10	09/05/23	JRB	SW8151A
Dinoseb	ND	540	ug/Kg	10	09/05/23	JRB	SW8151A
QA/QC Surrogates							
% DCAA	70		%	10	09/05/23	JRB	30 - 150 %
% DCAA (Confirmation)	74		%	10	09/05/23	JRB	30 - 150 %
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	500	mg/Kg	10	08/31/23	KCA	CTETPH
Identification	ND		mg/Kg	10	08/31/23	KCA	CTETPH
QA/QC Surrogates							
% COD (surr)	97		%	10	08/31/23	KCA	50 - 150 %
% Terphenyl (surr)	86		%	10	08/31/23	KCA	50 - 150 %
PCB (Soxhlet SW3540C)							
PCB-1016	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1221	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1232	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1242	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1248	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1254	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1260	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1262	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1268	ND	720	ug/Kg	10	09/01/23	KCA	SW8082A
QA/QC Surrogates							
% DCBP	47		%	10	09/01/23	KCA	30 - 150 %
% DCBP (Confirmation)	35		%	10	09/01/23	KCA	30 - 150 %
% TCMX	30		%	10	09/01/23	KCA	30 - 150 %
% TCMX (Confirmation)	31		%	10	09/01/23	KCA	30 - 150 %
Pesticides							
4,4' -DDD	ND	2.9	ug/Kg	2	08/31/23	AW	SW8081B
4,4' -DDE	ND	2.9	ug/Kg	2	08/31/23	AW	SW8081B
4,4' -DDT	ND	2.9	ug/Kg	2	08/31/23	AW	SW8081B
a-BHC	ND	2.0	ug/Kg	2	08/31/23	AW	SW8081B
Alachlor	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
Aldrin	ND	2.0	ug/Kg	2	08/31/23	AW	SW8081B
b-BHC	ND	2.0	ug/Kg	2	08/31/23	AW	SW8081B
Chlordane	140	71	ug/Kg	2	08/31/23	AW	SW8081B
d-BHC	ND	2.0	ug/Kg	2	08/31/23	AW	SW8081B
Dieldrin	ND	2.9	ug/Kg	2	08/31/23	AW	SW8081B
Endosulfan I	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
Endosulfan II	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
Endosulfan sulfate	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
Endrin	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
Endrin aldehyde	ND	14	ug/Kg	2	08/31/23	AW	SW8081B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Endrin ketone	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
g-BHC	ND	2.9	ug/Kg	2	08/31/23	AW	SW8081B
Heptachlor	ND	7.1	ug/Kg	2	08/31/23	AW	SW8081B
Heptachlor epoxide	ND	14	ug/Kg	2	08/31/23	AW	SW8081B
Methoxychlor	ND	71	ug/Kg	2	08/31/23	AW	SW8081B
Toxaphene	ND	290	ug/Kg	2	08/31/23	AW	SW8081B
QA/QC Surrogates							
% DCBP	38		%	2	08/31/23	AW	30 - 150 %
% DCBP (Confirmation)	44		%	2	08/31/23	AW	30 - 150 %
% TCMX	33		%	2	08/31/23	AW	30 - 150 %
% TCMX (Confirmation)	36		%	2	08/31/23	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,1,1-Trichloroethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	08/28/23	JLI	SW8260D
1,1,2-Trichloroethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,1-Dichloroethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,1-Dichloroethene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,1-Dichloropropene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,2,3-Trichloropropane	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	08/28/23	JLI	SW8260D
1,2-Dibromoethane	ND	0.85	ug/Kg	1	08/28/23	JLI	SW8260D
1,2-Dichlorobenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,2-Dichloroethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,2-Dichloropropane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,3-Dichlorobenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
1,3-Dichloropropane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
1,4-Dichlorobenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
2,2-Dichloropropane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
2-Chlorotoluene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
2-Hexanone	ND	42	ug/Kg	1	08/28/23	JLI	SW8260D
2-Isopropyltoluene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
4-Chlorotoluene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
4-Methyl-2-pentanone	ND	42	ug/Kg	1	08/28/23	JLI	SW8260D
Acetone	ND	420	ug/Kg	1	08/28/23	JLI	SW8260D
Acrylonitrile	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Benzene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Bromobenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
Bromochloromethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Bromodichloromethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Bromoform	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Bromomethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Carbon Disulfide	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Carbon tetrachloride	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Chlorobenzene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83136
Client ID: TP-13(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Chloroform	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Chloromethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
cis-1,2-Dichloroethene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
cis-1,3-Dichloropropene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Dibromochloromethane	ND	5.1	ug/Kg	1	08/28/23	JLI	SW8260D
Dibromomethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Dichlorodifluoromethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Ethylbenzene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Hexachlorobutadiene	ND	200	ug/Kg	50	08/28/23	JLI	SW8260D
Isopropylbenzene	ND	500	ug/Kg	50	08/28/23	JLI	SW8260D
m&p-Xylene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Methyl Ethyl Ketone	ND	51	ug/Kg	1	08/28/23	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	17	ug/Kg	1	08/28/23	JLI	SW8260D
Methylene chloride	ND	17	ug/Kg	1	08/28/23	JLI	SW8260D
Naphthalene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
n-Butylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
n-Propylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
o-Xylene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
p-Isopropyltoluene	ND	500	ug/Kg	50	08/28/23	JLI	SW8260D
sec-Butylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
Styrene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
tert-Butylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
Tetrachloroethene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Tetrahydrofuran (THF)	ND	17	ug/Kg	1	08/28/23	JLI	SW8260D
Toluene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Total Xylenes	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
trans-1,2-Dichloroethene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
trans-1,3-Dichloropropene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	2000	ug/Kg	50	08/28/23	JLI	SW8260D
Trichloroethene	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Trichlorofluoromethane	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
Trichlorotrifluoroethane	ND	17	ug/Kg	1	08/28/23	JLI	SW8260D
Vinyl chloride	ND	8.5	ug/Kg	1	08/28/23	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	92		%	1	08/28/23	JLI	70 - 130 %
% Bromofluorobenzene	73		%	1	08/28/23	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	08/28/23	JLI	70 - 130 %
% Toluene-d8	86		%	1	08/28/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	96		%	50	08/28/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	100		%	50	08/28/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95		%	50	08/28/23	JLI	70 - 130 %
% Toluene-d8 (50x)	94		%	50	08/28/23	JLI	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	08/31/23	PS	SW8270D
1,2,4-Trichlorobenzene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
1,2-Dichlorobenzene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
1,3-Dichlorobenzene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83136

Client ID: TP-13(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2,4,5-Trichlorophenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dichlorophenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dimethylphenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dinitrophenol	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
2,6-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
2-Chloronaphthalene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2-Chlorophenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2-Methylnaphthalene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2-Methylphenol (o-cresol)	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
2-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
2-Nitrophenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	700	ug/Kg	1	08/31/23	PS	SW8270D
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
3-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
4-Bromophenyl phenyl ether	ND	700	ug/Kg	1	08/31/23	PS	SW8270D
4-Chloro-3-methylphenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
4-Chloroaniline	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
4-Chlorophenyl phenyl ether	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
4-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
4-Nitrophenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Acenaphthene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Acenaphthylene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Acetophenone	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Aniline	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Anthracene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Benz(a)anthracene	700	490	ug/Kg	1	08/31/23	PS	SW8270D
Benzidine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(a)pyrene	880	490	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(b)fluoranthene	1800	490	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(ghi)perylene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(k)fluoranthene	570	490	ug/Kg	1	08/31/23	PS	SW8270D
Benzoic acid	ND	1400	ug/Kg	1	08/31/23	PS	SW8270D
Benzyl butyl phthalate	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-chloroethoxy)methane	ND	420	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-chloroethyl)ether	ND	700	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-ethylhexyl)phthalate	ND	700	ug/Kg	1	08/31/23	PS	SW8270D
Carbazole	270	200	ug/Kg	1	08/31/23	PS	SW8270D
Chrysene	1000	490	ug/Kg	1	08/31/23	PS	SW8270D
Dibenz(a,h)anthracene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Dibenzofuran	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Diethyl phthalate	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Dimethylphthalate	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Di-n-butylphthalate	ND	700	ug/Kg	1	08/31/23	PS	SW8270D
Di-n-octylphthalate	ND	490	ug/Kg	1	08/31/23	PS	SW8270D

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-13(2-3)

Phoenix I.D.: CO83136

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluoranthene	1500	490	ug/Kg	1	08/31/23	PS	SW8270D
Fluorene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorobenzene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorocyclopentadiene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Hexachloroethane	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Indeno(1,2,3-cd)pyrene	540	490	ug/Kg	1	08/31/23	PS	SW8270D
Isophorone	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Naphthalene	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Pentachloronitrobenzene	ND	140	ug/Kg	1	08/31/23	PS	SW8270D
Pentachlorophenol	ND	850	ug/Kg	1	08/31/23	PS	SW8270D
Phenanthrene	820	490	ug/Kg	1	08/31/23	PS	SW8270D
Phenol	ND	490	ug/Kg	1	08/31/23	PS	SW8270D
Pyrene	1400	490	ug/Kg	1	08/31/23	PS	SW8270D
Pyridine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	56		%	1	08/31/23	PS	30 - 130 %
% 2-Fluorobiphenyl	46		%	1	08/31/23	PS	30 - 130 %
% 2-Fluorophenol	45		%	1	08/31/23	PS	30 - 130 %
% Nitrobenzene-d5	56		%	1	08/31/23	PS	30 - 130 %
% Phenol-d5	51		%	1	08/31/23	PS	30 - 130 %
% Terphenyl-d14	45		%	1	08/31/23	PS	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:

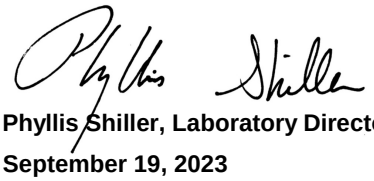
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

Semi-Volatile Comment:
An elevated RL was reported due to low % solids; some compounds are evaluated below the lowest calibration standard.

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

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



Phyllis Shiller, Laboratory Director
September 19, 2023
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

September 19, 2023

FOR: Attn: Tim Myjak
EKI Environmental & Water Inc
80 Eastern Blvd. Suite 5
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/25/23	10:20
Location Code:	EKI	Received by:	SR1	08/25/23	13:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	C3-210 C30138				

Laboratory Data

SDG ID: GCO83124
Phoenix ID: CO83138

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-14(1-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Arsenic	12.1	0.77	mg/Kg	1	09/09/23	CPP	SW6010D
Barium	32.1	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Beryllium	0.55	0.31	mg/Kg	1	09/09/23	CPP	SW6010D
Cadmium	0.90	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Chromium	38.3	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Copper	7.9	0.8	mg/kg	1	09/09/23	CPP	SW6010D
Mercury	0.03	0.03	mg/Kg	2	09/11/23	AL1	SW7471B
Nickel	22.2	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Lead	7.98	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Antimony	< 3.9	3.9	mg/Kg	1	09/09/23	CPP	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	09/09/23	CPP	SW6010D
Thallium	< 3.5	3.5	mg/Kg	1	09/09/23	CPP	SW6010D
Vanadium	37.2	0.39	mg/Kg	1	09/09/23	CPP	SW6010D
Zinc	36.3	0.8	mg/Kg	1	09/09/23	CPP	SW6010D
Percent Solid	76		%		08/28/23	CV	SW846-%Solid
Mercury Digestion	Completed				09/11/23	AL/AL	SW7471B
Soil Extraction for SVOA	Completed				08/30/23	C/JDW	SW3545A
Total Metals Digest	Completed				08/28/23	P/AG	SW3050B
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	08/31/23	AW	SW8270D
1,2,4-Trichlorobenzene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
1,2-Dichlorobenzene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
1,3-Dichlorobenzene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
1,4-Dichlorobenzene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-14(1-2)

Phoenix I.D.: CO83138

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,2'-Oxybis(1-Chloropropane)	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2,4,5-Trichlorophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dichlorophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dimethylphenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dinitrophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2,4-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
2,6-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
2-Chloronaphthalene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2-Chlorophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2-Methylnaphthalene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2-Methylphenol (o-cresol)	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2-Nitroaniline	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
2-Nitrophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	430	ug/Kg	1	08/31/23	AW	SW8270D
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
3-Nitroaniline	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	430	ug/Kg	1	08/31/23	AW	SW8270D
4-Chloro-3-methylphenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4-Chloroaniline	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4-Nitroaniline	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
4-Nitrophenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Acenaphthene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Acenaphthylene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Acetophenone	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Aniline	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Anthracene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Benz(a)anthracene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Benzidine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(a)pyrene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(b)fluoranthene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(ghi)perylene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Benzo(k)fluoranthene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Benzoic acid	ND	860	ug/Kg	1	08/31/23	AW	SW8270D
Benzyl butyl phthalate	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Bis(2-chloroethyl)ether	ND	430	ug/Kg	1	08/31/23	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	430	ug/Kg	1	08/31/23	AW	SW8270D
Carbazole	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Chrysene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Dibenzofuran	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Diethyl phthalate	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Dimethylphthalate	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Di-n-butylphthalate	ND	430	ug/Kg	1	08/31/23	AW	SW8270D
Di-n-octylphthalate	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Fluoranthene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83138
Client ID: TP-14(1-2)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Hexachlorobenzene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Hexachlorocyclopentadiene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Hexachloroethane	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Isophorone	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Naphthalene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
Pentachloronitrobenzene	ND	140	ug/Kg	1	08/31/23	AW	SW8270D
Pentachlorophenol	ND	430	ug/Kg	1	08/31/23	AW	SW8270D
Phenanthrene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Phenol	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Pyrene	ND	300	ug/Kg	1	08/31/23	AW	SW8270D
Pyridine	ND	200	ug/Kg	1	08/31/23	AW	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	62		%	1	08/31/23	AW	30 - 130 %
% 2-Fluorobiphenyl	54		%	1	08/31/23	AW	30 - 130 %
% 2-Fluorophenol	52		%	1	08/31/23	AW	30 - 130 %
% Nitrobenzene-d5	59		%	1	08/31/23	AW	30 - 130 %
% Phenol-d5	57		%	1	08/31/23	AW	30 - 130 %
% Terphenyl-d14	53		%	1	08/31/23	AW	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.

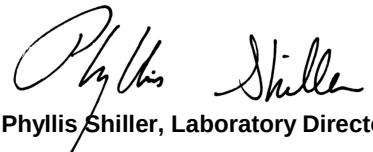
Comments:

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.

Semi-Volatile Comment:
An elevated RL was reported due to low % solids; some compounds are evaluated below the lowest calibration standard.

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

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



Phyllis Shiller, Laboratory Director
September 19, 2023
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

September 19, 2023

FOR: Attn: Tim Myjak
EKI Environmental & Water Inc
80 Eastern Blvd. Suite 5
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/25/23	10:30
Location Code:	EKI	Received by:	SR1	08/25/23	13:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	C3-210 C30138				

Laboratory Data

SDG ID: GCO83124
Phoenix ID: CO83140

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-15(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 1.5	1.5	mg/Kg	1	09/09/23	CPP	SW6010D
Arsenic	37.0	1.7	mg/Kg	1	09/09/23	CPP	SW6010D
Barium	133	0.83	mg/Kg	1	09/09/23	CPP	SW6010D
Beryllium	< 0.66	0.66	mg/Kg	1	09/09/23	CPP	SW6010D
Cadmium	3.82	0.83	mg/Kg	1	09/09/23	CPP	SW6010D
Chromium	38.1	0.83	mg/Kg	1	09/09/23	CPP	SW6010D
Copper	114	1.7	mg/kg	1	09/09/23	CPP	SW6010D
Mercury	0.17	0.06	mg/Kg	2	09/11/23	AL1	SW7471B
Nickel	52.2	0.83	mg/Kg	1	09/09/23	CPP	SW6010D
Lead	282	0.83	mg/Kg	1	09/09/23	CPP	SW6010D
Antimony	< 8.3	8.3	mg/Kg	1	09/09/23	CPP	SW6010D
Selenium	< 3.3	3.3	mg/Kg	1	09/09/23	CPP	SW6010D
TCLP Silver	< 0.010	0.010	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Arsenic	0.04	0.01	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Barium	0.63	0.01	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Beryllium	< 0.004	0.004	mg/L	1	09/15/23	CPP	SW6010D
TCLP Cadmium	0.009	0.005	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Chromium	< 0.010	0.010	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Copper	< 0.010	0.010	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Mercury	< 0.0002	0.0002	mg/L	1	09/15/23	AL1	SW846 1311/7470
TCLP Nickel	< 0.010	0.010	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Lead	0.060	0.010	mg/L	1	09/15/23	CPP	SW846 1311/6010
TCLP Antimony	< 0.006	0.006	mg/L	1	09/15/23	CPP	SW6010D
TCLP Selenium	< 0.05	0.05	mg/L	1	09/15/23	CPP	SW846 1311/6010D
TCLP Thallium	< 0.005	0.005	mg/L	1	09/15/23	CPP	SW6010D
TCLP Vanadium	< 0.010	0.010	mg/L	1	09/15/23	CPP	SW6010D
TCLP Zinc	2.06	0.10	mg/L	10	09/19/23	IE	SW846 1311/6010D
Thallium	< 5.0	5.0	mg/Kg	1	09/09/23	CPP	SW6010D

Ver 2

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83140
Client ID: TP-15(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Metals Digestion	Completed				09/15/23	ZT/AL/AL	SW3010A
Vanadium	240	0.83	mg/Kg	1	09/09/23	CPP	SW6010D
Zinc	1010	17	mg/Kg	10	09/11/23	TH	SW6010D
Percent Solid	42		%		08/28/23	CV	SW846-%Solid
Field Extraction	Completed				08/25/23		SW5035A
Mercury Digestion	Completed				09/11/23	AL/AL	SW7471B
Extraction of ETPH	Completed				08/30/23	L/H/A	SW3545A
Soil Extraction for Herbicide	Completed				08/31/23	L/D	SW3546
Soil Extraction for Pesticide	Completed				09/01/23	C/JDW	SW3545A
Soil Extraction for SVOA	Completed				08/30/23	C/JDW	SW3545A
Extraction for PCB	Completed				08/31/23	/R/AC1/M	SW3540C
TCLP Digestion Mercury	Completed				09/15/23	ZT/AL/AL	SW7470A
TCLP Extraction for Metals	Completed				09/14/23	AL	SW1311
Total Metals Digest	Completed				08/28/23	P/AG	SW3050B
Chlorinated Herbicides							
2,4,5-T	ND	290	ug/Kg	10	09/05/23	JRB	SW8151A
2,4,5-TP (Silvex)	ND	290	ug/Kg	10	09/05/23	JRB	SW8151A
2,4-D	ND	590	ug/Kg	10	09/05/23	JRB	SW8151A
2,4-DB	ND	5900	ug/Kg	10	09/05/23	JRB	SW8151A
Dalapon	ND	290	ug/Kg	10	09/05/23	JRB	SW8151A
Dicamba	ND	290	ug/Kg	10	09/05/23	JRB	SW8151A
Dichloroprop	ND	290	ug/Kg	10	09/05/23	JRB	SW8151A
Dinoseb	ND	590	ug/Kg	10	09/05/23	JRB	SW8151A
QA/QC Surrogates							
% DCAA	66		%	10	09/05/23	JRB	30 - 150 %
% DCAA (Confirmation)	80		%	10	09/05/23	JRB	30 - 150 %
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	500	mg/Kg	10	08/31/23	KCA	CTETPH
Identification	ND		mg/Kg	10	08/31/23	KCA	CTETPH
QA/QC Surrogates							
% COD (surr)	61		%	10	08/31/23	KCA	50 - 150 %
% Terphenyl (surr)	65		%	10	08/31/23	KCA	50 - 150 %
PCB (Soxhlet SW3540C)							
PCB-1016	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1221	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1232	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1242	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1248	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1254	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1260	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1262	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
PCB-1268	ND	790	ug/Kg	10	09/01/23	KCA	SW8082A
QA/QC Surrogates							
% DCBP	52		%	10	09/01/23	KCA	30 - 150 %
% DCBP (Confirmation)	39		%	10	09/01/23	KCA	30 - 150 %
% TCMX	31		%	10	09/01/23	KCA	30 - 150 %

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83140
Client ID: TP-15(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% TCMX (Confirmation)	32		%	10	09/01/23	KCA	30 - 150 %
Pesticides							
4,4' -DDD	ND	3.0	ug/Kg	2	09/06/23	AW	SW8081B
4,4' -DDE	ND	3.0	ug/Kg	2	09/06/23	AW	SW8081B
4,4' -DDT	ND	3.0	ug/Kg	2	09/06/23	AW	SW8081B
a-BHC	ND	2.0	ug/Kg	2	09/06/23	AW	SW8081B
Alachlor	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Aldrin	ND	2.0	ug/Kg	2	09/06/23	AW	SW8081B
b-BHC	ND	2.0	ug/Kg	2	09/06/23	AW	SW8081B
Chlordane	150	78	ug/Kg	2	09/06/23	AW	SW8081B
d-BHC	ND	2.0	ug/Kg	2	09/06/23	AW	SW8081B
Dieldrin	4.0	3.1	ug/Kg	2	09/06/23	AW	SW8081B
Endosulfan I	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Endosulfan II	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Endosulfan sulfate	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Endrin	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Endrin aldehyde	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Endrin ketone	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
g-BHC	ND	2.0	ug/Kg	2	09/06/23	AW	SW8081B
Heptachlor	ND	7.8	ug/Kg	2	09/06/23	AW	SW8081B
Heptachlor epoxide	ND	16	ug/Kg	2	09/06/23	AW	SW8081B
Methoxychlor	ND	78	ug/Kg	2	09/06/23	AW	SW8081B
Toxaphene	ND	310	ug/Kg	2	09/06/23	AW	SW8081B
QA/QC Surrogates							
% DCBP	54		%	2	09/06/23	AW	30 - 150 %
% DCBP (Confirmation)	65		%	2	09/06/23	AW	30 - 150 %
% TCMX	41		%	2	09/06/23	AW	30 - 150 %
% TCMX (Confirmation)	52		%	2	09/06/23	AW	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,1,1-Trichloroethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	1	08/29/23	JLI	SW8260D
1,1,2-Trichloroethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,1-Dichloroethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,1-Dichloroethene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,1-Dichloropropene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,2,3-Trichloropropane	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	08/29/23	JLI	SW8260D
1,2-Dibromoethane	ND	0.88	ug/Kg	1	08/29/23	JLI	SW8260D
1,2-Dichlorobenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,2-Dichloroethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,2-Dichloropropane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,3-Dichlorobenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
1,3-Dichloropropane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83140

Client ID: TP-15(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
2,2-Dichloropropane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
2-Chlorotoluene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
2-Hexanone	ND	44	ug/Kg	1	08/29/23	JLI	SW8260D
2-Isopropyltoluene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
4-Chlorotoluene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
4-Methyl-2-pentanone	ND	44	ug/Kg	1	08/29/23	JLI	SW8260D
Acetone	ND	440	ug/Kg	1	08/29/23	JLI	SW8260D
Acrylonitrile	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Benzene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Bromobenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
Bromochloromethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Bromodichloromethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Bromoform	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Bromomethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Carbon Disulfide	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Carbon tetrachloride	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Chlorobenzene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Chloroethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Chloroform	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Chloromethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
cis-1,2-Dichloroethene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
cis-1,3-Dichloropropene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Dibromochloromethane	ND	5.3	ug/Kg	1	08/29/23	JLI	SW8260D
Dibromomethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Dichlorodifluoromethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Ethylbenzene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Hexachlorobutadiene	ND	200	ug/Kg	50	08/28/23	JLI	SW8260D
Isopropylbenzene	ND	500	ug/Kg	50	08/28/23	JLI	SW8260D
m&p-Xylene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Methyl Ethyl Ketone	ND	53	ug/Kg	1	08/29/23	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	18	ug/Kg	1	08/29/23	JLI	SW8260D
Methylene chloride	ND	18	ug/Kg	1	08/29/23	JLI	SW8260D
Naphthalene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
n-Butylbenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
n-Propylbenzene	ND	1000	ug/Kg	50	08/28/23	JLI	SW8260D
o-Xylene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
p-Isopropyltoluene	ND	500	ug/Kg	50	08/28/23	JLI	SW8260D
sec-Butylbenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
Styrene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
tert-Butylbenzene	ND	1200	ug/Kg	50	08/28/23	JLI	SW8260D
Tetrachloroethene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Tetrahydrofuran (THF)	ND	18	ug/Kg	1	08/29/23	JLI	SW8260D
Toluene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Total Xylenes	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
trans-1,2-Dichloroethene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
trans-1,3-Dichloropropene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	2300	ug/Kg	50	08/28/23	JLI	SW8260D
Trichloroethene	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83140
Client ID: TP-15(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Trichlorofluoromethane	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
Trichlorotrifluoroethane	ND	18	ug/Kg	1	08/29/23	JLI	SW8260D
Vinyl chloride	ND	8.8	ug/Kg	1	08/29/23	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	87		%	1	08/29/23	JLI	70 - 130 %
% Bromofluorobenzene	71		%	1	08/29/23	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	08/29/23	JLI	70 - 130 %
% Toluene-d8	87		%	1	08/29/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	97		%	50	08/28/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	08/28/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93		%	50	08/28/23	JLI	70 - 130 %
% Toluene-d8 (50x)	94		%	50	08/28/23	JLI	70 - 130 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	08/31/23	PS	SW8270D
1,2,4-Trichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
1,2-Dichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
1,3-Dichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
1,4-Dichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
2,4,5-Trichlorophenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dichlorophenol	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dimethylphenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dinitrophenol	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
2,4-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
2,6-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
2-Chloronaphthalene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
2-Chlorophenol	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
2-Methylnaphthalene	ND	560	ug/Kg	1	08/31/23	PS	SW8270D
2-Methylphenol (o-cresol)	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
2-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
2-Nitrophenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1700	ug/Kg	1	08/31/23	PS	SW8270D
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
3-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
4-Bromophenyl phenyl ether	ND	1700	ug/Kg	1	08/31/23	PS	SW8270D
4-Chloro-3-methylphenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
4-Chloroaniline	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
4-Chlorophenyl phenyl ether	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
4-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D
4-Nitrophenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Acenaphthene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Acenaphthylene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Acetophenone	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Aniline	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Anthracene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Benz(a)anthracene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83140

Client ID: TP-15(2-3)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzidine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(a)pyrene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(b)fluoranthene	1100	1000	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(ghi)perylene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(k)fluoranthene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Benzoic acid	ND	3300	ug/Kg	1	08/31/23	PS	SW8270D
Benzyl butyl phthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-chloroethoxy)methane	ND	420	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-chloroethyl)ether	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-ethylhexyl)phthalate	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Carbazole	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Chrysene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Dibenz(a,h)anthracene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Dibenzofuran	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Diethyl phthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Dimethylphthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Di-n-butylphthalate	ND	1700	ug/Kg	1	08/31/23	PS	SW8270D
Di-n-octylphthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Fluoranthene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Fluorene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorobenzene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorocyclopentadiene	ND	840	ug/Kg	1	08/31/23	PS	SW8270D
Hexachloroethane	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Isophorone	ND	740	ug/Kg	1	08/31/23	PS	SW8270D
Naphthalene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Pentachloronitrobenzene	ND	140	ug/Kg	1	08/31/23	PS	SW8270D
Pentachlorophenol	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Phenanthrene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Phenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Pyrene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Pyridine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	1	08/31/23	PS	30 - 130 %
% 2-Fluorobiphenyl	64		%	1	08/31/23	PS	30 - 130 %
% 2-Fluorophenol	61		%	1	08/31/23	PS	30 - 130 %
% Nitrobenzene-d5	72		%	1	08/31/23	PS	30 - 130 %
% Phenol-d5	66		%	1	08/31/23	PS	30 - 130 %
% Terphenyl-d14	63		%	1	08/31/23	PS	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.

Semi-Volatile Comment:
An elevated RL was reported due to low % solids; some compounds are evaluated below the lowest calibration standard.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

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
September 19, 2023
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

September 19, 2023

FOR: Attn: Tim Myjak
EKI Environmental & Water Inc
80 Eastern Blvd. Suite 5
Glastonbury, CT 06033

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/25/23	10:35
Location Code:	EKI	Received by:	SR1	08/25/23	13:43
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	C3-210 C30138				

Laboratory Data

SDG ID: GCO83124
Phoenix ID: CO83141

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-15(4-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.69	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Arsenic	16.9	1.4	mg/Kg	1	09/09/23	CPP	SW6010D
Barium	162	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Beryllium	< 0.55	0.55	mg/Kg	1	09/09/23	CPP	SW6010D
Cadmium	2.39	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Chromium	27.1	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Copper	70.2	1.4	mg/kg	1	09/09/23	CPP	SW6010D
Mercury	0.13	0.06	mg/Kg	2	09/11/23	AL1	SW7471B
Nickel	15.4	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Lead	280	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Antimony	< 6.9	6.9	mg/Kg	1	09/09/23	CPP	SW6010D
Selenium	< 2.8	2.8	mg/Kg	1	09/09/23	CPP	SW6010D
Thallium	< 5.0	5.0	mg/Kg	1	09/09/23	CPP	SW6010D
Vanadium	25.6	0.69	mg/Kg	1	09/09/23	CPP	SW6010D
Zinc	640	14	mg/Kg	10	09/11/23	TH	SW6010D
Percent Solid	43		%		08/28/23	CV	SW846-%Solid
Mercury Digestion	Completed				09/11/23	AL/AL	SW7471B
Soil Extraction for SVOA	Completed				08/30/23	C/JDW	SW3545A
Extraction for PCB	Completed				08/29/23	/R/AC1/M	SW3540C
Total Metals Digest	Completed				08/28/23	P/AG	SW3050B

PCB (Soxhlet SW3540C)

PCB-1016	ND	760	ug/Kg	10	08/31/23	SC	SW8082A
PCB-1221	ND	760	ug/Kg	10	08/31/23	SC	SW8082A
PCB-1232	ND	760	ug/Kg	10	08/31/23	SC	SW8082A
PCB-1242	ND	760	ug/Kg	10	08/31/23	SC	SW8082A
PCB-1248	ND	760	ug/Kg	10	08/31/23	SC	SW8082A

Project ID: C30138 HONEY HILL (C3-210) Phoenix I.D.: CO83141
Client ID: TP-15(4-5)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
PCB-1254	ND	760	ug/Kg	10	08/31/23	SC	SW8082A	
PCB-1260	ND	760	ug/Kg	10	08/31/23	SC	SW8082A	
PCB-1262	ND	760	ug/Kg	10	08/31/23	SC	SW8082A	
PCB-1268	ND	760	ug/Kg	10	08/31/23	SC	SW8082A	
QA/QC Surrogates								
% DCBP	66		%	10	08/31/23	SC	30 - 150 %	
% DCBP (Confirmation)	66		%	10	08/31/23	SC	30 - 150 %	
% TCMX	32		%	10	08/31/23	SC	30 - 150 %	
% TCMX (Confirmation)	29		%	10	08/31/23	SC	30 - 150 %	3
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	100	ug/Kg	1	08/31/23	PS	SW8270D	
1,2,4-Trichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
1,2-Dichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
1,2-Diphenylhydrazine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
1,3-Dichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
1,4-Dichlorobenzene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
2,4,5-Trichlorophenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
2,4,6-Trichlorophenol	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
2,4-Dichlorophenol	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D	
2,4-Dimethylphenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
2,4-Dinitrophenol	ND	300	ug/Kg	1	08/31/23	PS	SW8270D	
2,4-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
2,6-Dinitrotoluene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
2-Chloronaphthalene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
2-Chlorophenol	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D	
2-Methylnaphthalene	ND	560	ug/Kg	1	08/31/23	PS	SW8270D	
2-Methylphenol (o-cresol)	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
2-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D	
2-Nitrophenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	1700	ug/Kg	1	08/31/23	PS	SW8270D	
3,3'-Dichlorobenzidine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
3-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D	
4,6-Dinitro-2-methylphenol	ND	300	ug/Kg	1	08/31/23	PS	SW8270D	
4-Bromophenyl phenyl ether	ND	1700	ug/Kg	1	08/31/23	PS	SW8270D	
4-Chloro-3-methylphenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
4-Chloroaniline	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
4-Chlorophenyl phenyl ether	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
4-Nitroaniline	ND	300	ug/Kg	1	08/31/23	PS	SW8270D	
4-Nitrophenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Acenaphthene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Acenaphthylene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Acetophenone	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Aniline	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
Anthracene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Benz(a)anthracene	1600	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Benzidine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D	
Benzo(a)pyrene	1400	1200	ug/Kg	1	08/31/23	PS	SW8270D	
Benzo(b)fluoranthene	3500	1200	ug/Kg	1	08/31/23	PS	SW8270D	

Project ID: C30138 HONEY HILL (C3-210)
Client ID: TP-15(4-5)

Phoenix I.D.: CO83141

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzo(ghi)perylene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Benzo(k)fluoranthene	1200	1200	ug/Kg	1	08/31/23	PS	SW8270D
Benzoic acid	ND	3300	ug/Kg	1	08/31/23	PS	SW8270D
Benzyl butyl phthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-chloroethoxy)methane	ND	420	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-chloroethyl)ether	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Bis(2-ethylhexyl)phthalate	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Carbazole	430	200	ug/Kg	1	08/31/23	PS	SW8270D
Chrysene	2600	1200	ug/Kg	1	08/31/23	PS	SW8270D
Dibenz(a,h)anthracene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Dibenzofuran	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Diethyl phthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Dimethylphthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Di-n-butylphthalate	ND	1700	ug/Kg	1	08/31/23	PS	SW8270D
Di-n-octylphthalate	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Fluoranthene	2600	1200	ug/Kg	1	08/31/23	PS	SW8270D
Fluorene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorobenzene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorobutadiene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Hexachlorocyclopentadiene	ND	840	ug/Kg	1	08/31/23	PS	SW8270D
Hexachloroethane	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Indeno(1,2,3-cd)pyrene	ND	1000	ug/Kg	1	08/31/23	PS	SW8270D
Isophorone	ND	740	ug/Kg	1	08/31/23	PS	SW8270D
Naphthalene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Nitrobenzene	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodimethylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodi-n-propylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
N-Nitrosodiphenylamine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
Pentachloronitrobenzene	ND	140	ug/Kg	1	08/31/23	PS	SW8270D
Pentachlorophenol	1500	1000	ug/Kg	1	08/31/23	PS	SW8270D
Phenanthrene	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Phenol	ND	1200	ug/Kg	1	08/31/23	PS	SW8270D
Pyrene	4000	1200	ug/Kg	1	08/31/23	PS	SW8270D
Pyridine	ND	200	ug/Kg	1	08/31/23	PS	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	1	08/31/23	PS	30 - 130 %
% 2-Fluorobiphenyl	62		%	1	08/31/23	PS	30 - 130 %
% 2-Fluorophenol	58		%	1	08/31/23	PS	30 - 130 %
% Nitrobenzene-d5	71		%	1	08/31/23	PS	30 - 130 %
% Phenol-d5	64		%	1	08/31/23	PS	30 - 130 %
% Terphenyl-d14	59		%	1	08/31/23	PS	30 - 130 %

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

3 = This parameter exceeds laboratory specified limits.

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.

Semi-Volatile Comment:
An elevated RL was reported due to low % solids; some compounds are evaluated below the lowest calibration standard.

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

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

Phyllis Shiller, Laboratory Director
September 19, 2023
Reviewed and Released by: Ethan Lee, Project Manager

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

QA/QC Report

September 19, 2023

QA/QC Data

SDG I.D.: GCO83124

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 696382 (mg/kg), QC Sample No: CO83001 2X (CO83128, CO83136, CO83138, CO83140, CO83141)														
Mercury - Soil	BRL	0.02	0.04	<0.03	NC	95.5	101	5.6	78.9	70.2	11.7	70 - 130	30	m
Comment: Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 697184 (mg/L), QC Sample No: CO83140 (CO83140)														
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	99.5			102			80 - 120	20	
Comment: Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 694458 (mg/kg), QC Sample No: CO84240 (CO83128, CO83136, CO83138, CO83140, CO83141)														
ICP Metals - Soil														
Antimony	BRL	3.3	<2.0	<3.7	NC	105	102	2.9	86.0			75 - 125	35	
Arsenic	BRL	0.67	3.61	3.26	NC	114	110	3.6	97.6			75 - 125	35	
Barium	BRL	0.33	89.1	85.7	3.90	116	113	2.6	105			75 - 125	35	
Beryllium	BRL	0.27	0.69	0.59	NC	113	110	2.7	95.4			75 - 125	35	
Cadmium	BRL	0.33	1.20	1.05	NC	114	113	0.9	99.6			75 - 125	35	
Chromium	BRL	0.33	22.7	20.1	12.1	119	113	5.2	99.6			75 - 125	35	
Copper	BRL	0.67	30.4	32.1	5.40	111	108	2.7	98.7			75 - 125	35	
Lead	BRL	0.33	16.2	12.7	24.2	109	107	1.9	99.5			75 - 125	35	
Nickel	BRL	0.33	16.9	14.9	12.6	115	112	2.6	98.2			75 - 125	35	
Selenium	BRL	1.3	<1.6	<1.5	NC	117	113	3.5	98.3			75 - 125	35	
Silver	BRL	0.33	<0.40	<0.37	NC	120	118	1.7	105			75 - 125	35	
Thallium	BRL	3.0	<0.8	<3.4	NC	112	108	3.6	94.4			75 - 125	35	
Vanadium	BRL	0.33	67.0	56.3	17.4	118	114	3.4	94.1			75 - 125	35	
Zinc	BRL	0.67	48.9	50.3	2.80	120	116	3.4	102			75 - 125	35	
Comment: Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														
QA/QC Batch 697187 (mg/L), QC Sample No: CO99443 (CO83140)														
ICP Metals - TCLP Extraction														
Antimony	BRL	0.006	<0.006	<0.006	NC	101	103	2.0	104			80 - 120	20	
Arsenic	BRL	0.05	<0.05	<0.05	NC	109	110	0.9	111			80 - 120	20	
Barium	BRL	0.01	0.40	0.39	2.50	99.8	99.6	0.2	98.6			80 - 120	20	
Beryllium	BRL	0.004	<0.004	<0.004	NC	99.4	101	1.6	102			80 - 120	20	
Cadmium	BRL	0.005	<0.005	<0.005	NC	98.9	98.2	0.7	99.9			80 - 120	20	
Chromium	BRL	0.010	<0.010	<0.010	NC	97.7	98.0	0.3	99.8			80 - 120	20	
Copper	BRL	0.010	0.014	0.015	NC	107	107	0.0	108			80 - 120	20	
Lead	BRL	0.010	<0.010	<0.010	NC	99.1	100	0.9	101			80 - 120	20	
Nickel	BRL	0.010	<0.010	<0.010	NC	97.4	96.9	0.5	97.5			80 - 120	20	
Selenium	BRL	0.05	<0.05	<0.05	NC	110	113	2.7	112			80 - 120	20	
Silver	BRL	0.010	<0.010	<0.010	NC	107	109	1.9	110			80 - 120	20	
Thallium	BRL	0.005	<0.005	<0.005	NC	98.1	99.7	1.6	100			80 - 120	20	
Vanadium	BRL	0.010	<0.010	<0.010	NC	99.1	99.3	0.2	101			80 - 120	20	
Zinc	BRL	0.010	0.038	0.038	NC	103	99.7	3.3	103			80 - 120	20	

QA/QC Data

SDG I.D.: GCO83124

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

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

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

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

QA/QC Report

September 19, 2023

QA/QC Data

SDG I.D.: GCO83124

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 694915 (mg/Kg), QC Sample No: CO73854 (CO83136, CO83140)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	119	107	10.6	100	101	1.0	60 - 120	30
% COD (surr)	88	%	123	106	14.8	Intf	Intf	NC	50 - 150	30
% Terphenyl (surr)	91	%	106	104	1.9	114	89	24.6	50 - 150	30
Comment:										
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.										
QA/QC Batch 695184 (ug/Kg), QC Sample No: CO81918 10X (CO83136, CO83140)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	130	70	59	17.1	74	77	4.0	40 - 140	30
2,4,5-TP (Silvex)	ND	130	75	63	17.4	76	80	5.1	40 - 140	30
2,4-D	ND	250	79	69	13.5	85	86	1.2	40 - 140	30
2,4-DB	ND	2500	61	51	17.9	62	66	6.3	40 - 140	30
Dalapon	ND	130	65	77	16.9	90	74	19.5	40 - 140	30
Dicamba	ND	130	72	69	4.3	69	73	5.6	40 - 140	30
Dichloroprop	ND	130	82	69	17.2	90	94	4.3	40 - 140	30
Dinoseb	ND	130	93	102	9.2	98	94	4.2	40 - 140	30
% DCAA (Surrogate Rec)	78	%	89	74	18.4	89	94	5.5	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	92	%	105	81	25.8	103	105	1.9	30 - 150	30
Comment:										
Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.										
QA/QC Batch 694703 (ug/Kg), QC Sample No: CO82999 10X (CO83141)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	170	97			62	56	10.2	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	97			136	130	4.5	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	99	%	101			71	72	1.4	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	102	%	98			70	92	27.2	30 - 150	30
% TCMX (Surrogate Rec)	95	%	96			49	48	2.1	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	89	%	90			50	49	2.0	30 - 150	30
Comment:										
This batch consists of a Blank, LCS, MS and MSD.										

QA/QC Data

SDG I.D.: GCO83124

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 695110 (ug/Kg), QC Sample No: CO87087 10X (CO83136, CO83140)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	170	101	98	3.0	53	58	9.0	40 - 140	30	
PCB-1221	ND	170							40 - 140	30	
PCB-1232	ND	170							40 - 140	30	
PCB-1242	ND	170							40 - 140	30	
PCB-1248	ND	170							40 - 140	30	
PCB-1254	ND	170							40 - 140	30	
PCB-1260	ND	170	91	93	2.2	52	60	14.3	40 - 140	30	
PCB-1262	ND	170							40 - 140	30	
PCB-1268	ND	170							40 - 140	30	
% DCBP (Surrogate Rec)	108	%	113	110	2.7	59	68	14.2	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	126	%	125	117	6.6	59	68	14.2	30 - 150	30	
% TCMX (Surrogate Rec)	92	%	97	88	9.7	43	55	24.5	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	94	%	99	92	7.3	44	52	16.7	30 - 150	30	
QA/QC Batch 694705 (ug/Kg), QC Sample No: CO83169 2X (CO83136)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	60	70	15.4	56	63	11.8	40 - 140	30	
4,4' -DDE	ND	1.7	56	70	22.2	56	63	11.8	40 - 140	30	
4,4' -DDT	ND	1.7	54	70	25.8	57	69	19.0	40 - 140	30	
a-BHC	ND	1.0	55	65	16.7	50	56	11.3	40 - 140	30	
Alachlor	ND	3.3	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	1.0	57	68	17.6	54	62	13.8	40 - 140	30	
b-BHC	ND	1.0	57	72	23.3	57	109	62.7	40 - 140	30	r
Chlordane	ND	33	58	81	33.1	64	72	11.8	40 - 140	30	r
d-BHC	ND	3.3	47	70	39.3	54	66	20.0	40 - 140	30	r
Dieldrin	ND	1.0	56	75	29.0	56	73	26.4	40 - 140	30	
Endosulfan I	ND	3.3	57	67	16.1	53	59	10.7	40 - 140	30	
Endosulfan II	ND	3.3	59	68	14.2	52	61	15.9	40 - 140	30	
Endosulfan sulfate	ND	3.3	54	52	3.8	39	47	18.6	40 - 140	30	
Endrin	ND	3.3	54	71	27.2	54	64	16.9	40 - 140	30	
Endrin aldehyde	ND	3.3	50	73	37.4	50	56	11.3	40 - 140	30	r
Endrin ketone	ND	3.3	57	70	20.5	53	64	18.8	40 - 140	30	
g-BHC	ND	1.0	56	67	17.9	53	68	24.8	40 - 140	30	
Heptachlor	ND	3.3	53	66	21.8	52	89	52.5	40 - 140	30	r
Heptachlor epoxide	ND	3.3	55	58	5.3	46	50	8.3	40 - 140	30	
Methoxychlor	ND	3.3	55	74	29.5	54	65	18.5	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	72	%	57	71	21.9	52	59	12.6	30 - 150	30	
% DCBP (Confirmation)	72	%	55	51	7.5	37	49	27.9	30 - 150	30	
% TCMX	65	%	53	63	17.2	52	56	7.4	30 - 150	30	
% TCMX (Confirmation)	63	%	51	56	9.3	47	56	17.5	30 - 150	30	
QA/QC Batch 695399 (ug/Kg), QC Sample No: CO85322 2X (CO83140)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	100	103	3.0	110	113	2.7	40 - 140	30	
4,4' -DDE	ND	1.7	96	101	5.1	108	112	3.6	40 - 140	30	
4,4' -DDT	ND	1.7	94	97	3.1	105	107	1.9	40 - 140	30	
a-BHC	ND	1.0	92	88	4.4	93	99	6.3	40 - 140	30	
Alachlor	ND	3.3	NA	NA	NC	NA	NA	NC	40 - 140	30	
Aldrin	ND	1.0	97	95	2.1	99	102	3.0	40 - 140	30	
b-BHC	ND	1.0	89	92	3.3	99	103	4.0	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chlordane	ND	33	95	95	0.0	101	105	3.9	40 - 140	30	
d-BHC	ND	3.3	59	53	10.7	91	90	1.1	40 - 140	30	
Dieldrin	ND	1.0	94	98	4.2	104	108	3.8	40 - 140	30	
Endosulfan I	ND	3.3	91	99	8.4	106	112	5.5	40 - 140	30	
Endosulfan II	ND	3.3	95	101	6.1	110	114	3.6	40 - 140	30	
Endosulfan sulfate	ND	3.3	88	92	4.4	99	104	4.9	40 - 140	30	
Endrin	ND	3.3	92	100	8.3	106	109	2.8	40 - 140	30	
Endrin aldehyde	ND	3.3	83	85	2.4	90	91	1.1	40 - 140	30	
Endrin ketone	ND	3.3	95	100	5.1	108	111	2.7	40 - 140	30	
g-BHC	ND	1.0	103	96	7.0	102	100	2.0	40 - 140	30	
Heptachlor	ND	3.3	89	94	5.5	98	101	3.0	40 - 140	30	
Heptachlor epoxide	ND	3.3	88	101	13.8	109	110	0.9	40 - 140	30	
Methoxychlor	ND	3.3	93	103	10.2	111	115	3.5	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	90	%	87	94	7.7	101	103	2.0	30 - 150	30	
% DCBP (Confirmation)	87	%	93	100	7.3	112	106	5.5	30 - 150	30	
% TCMX	89	%	88	84	4.7	81	84	3.6	30 - 150	30	
% TCMX (Confirmation)	85	%	91	85	6.8	85	83	2.4	30 - 150	30	
QA/QC Batch 694946 (ug/kg), QC Sample No: CO83417 (CO83136, CO83138, CO83140, CO83141)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	53	52	1.9	71	61	15.2	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	54	53	1.9	69	62	10.7	40 - 140	30	
1,2-Dichlorobenzene	ND	180	51	51	0.0	65	59	9.7	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	51	52	1.9	70	61	13.7	40 - 140	30	
1,3-Dichlorobenzene	ND	230	50	50	0.0	63	57	10.0	40 - 140	30	
1,4-Dichlorobenzene	ND	230	49	50	2.0	62	57	8.4	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	54	53	1.9	69	62	10.7	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	58	58	0.0	85	70	19.4	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	59	58	1.7	85	72	16.6	30 - 130	30	
2,4-Dichlorophenol	ND	130	59	57	3.4	82	71	14.4	30 - 130	30	
2,4-Dimethylphenol	ND	230	56	55	1.8	78	70	10.8	30 - 130	30	
2,4-Dinitrophenol	ND	230	63	58	8.3	93	76	20.1	30 - 130	30	
2,4-Dinitrotoluene	ND	130	69	67	2.9	104	88	16.7	30 - 130	30	
2,6-Dinitrotoluene	ND	130	65	62	4.7	95	80	17.1	40 - 140	30	
2-Chloronaphthalene	ND	230	54	55	1.8	75	65	14.3	40 - 140	30	
2-Chlorophenol	ND	230	56	54	3.6	74	66	11.4	30 - 130	30	
2-Methylnaphthalene	ND	230	54	54	0.0	73	64	13.1	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	54	52	3.8	74	66	11.4	40 - 140	30	
2-Nitroaniline	ND	330	70	72	2.8	97	84	14.4	40 - 140	30	
2-Nitrophenol	ND	230	61	59	3.3	85	79	7.3	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	57	55	3.6	78	68	13.7	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	57	59	3.4	73	60	19.5	40 - 140	30	
3-Nitroaniline	ND	330	56	62	10.2	76	66	14.1	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	69	65	6.0	99	83	17.6	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	57	56	1.8	82	68	18.7	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	60	58	3.4	83	71	15.6	30 - 130	30	
4-Chloroaniline	ND	230	39	50	24.7	44	45	2.2	40 - 140	30	l
4-Chlorophenyl phenyl ether	ND	230	57	57	0.0	80	67	17.7	40 - 140	30	
4-Nitroaniline	ND	230	61	61	0.0	92	81	12.7	40 - 140	30	
4-Nitrophenol	ND	230	95	101	6.1	135	124	8.5	30 - 130	30	m
Acenaphthene	ND	230	55	55	0.0	75	68	9.8	30 - 130	30	
Acenaphthylene	ND	130	50	50	0.0	68	57	17.6	40 - 140	30	

QA/QC Data

SDG I.D.: GCO83124

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acetophenone	ND	230	51	51	0.0	66	60	9.5	40 - 140	30	
Aniline	ND	330	39	42	7.4	45	39	14.3	40 - 140	30	l,m
Anthracene	ND	230	55	55	0.0	74	67	9.9	40 - 140	30	
Benz(a)anthracene	ND	230	53	53	0.0	69	76	9.7	40 - 140	30	
Benzidine	ND	330	14	22	44.4	<10	<10	NC	40 - 140	30	l,m,r
Benzo(a)pyrene	ND	130	60	61	1.7	76	83	8.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160	56	55	1.8	78	84	7.4	40 - 140	30	
Benzo(ghi)perylene	ND	230	57	57	0.0	55	68	21.1	40 - 140	30	
Benzo(k)fluoranthene	ND	230	53	53	0.0	76	69	9.7	40 - 140	30	
Benzoic Acid	ND	670	75	69	8.3	109	97	11.7	30 - 130	30	
Benzyl butyl phthalate	ND	230	58	57	1.7	79	66	17.9	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	55	55	0.0	70	64	9.0	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	52	51	1.9	66	60	9.5	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	59	58	1.7	81	66	20.4	40 - 140	30	
Carbazole	ND	230	56	56	0.0	75	63	17.4	40 - 140	30	
Chrysene	ND	230	57	56	1.8	73	76	4.0	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	57	56	1.8	58	62	6.7	40 - 140	30	
Dibenzofuran	ND	230	54	54	0.0	77	67	13.9	40 - 140	30	
Diethyl phthalate	ND	230	56	55	1.8	77	66	15.4	40 - 140	30	
Dimethylphthalate	ND	230	56	56	0.0	79	67	16.4	40 - 140	30	
Di-n-butylphthalate	ND	670	57	56	1.8	76	64	17.1	40 - 140	30	
Di-n-octylphthalate	ND	230	63	60	4.9	87	72	18.9	40 - 140	30	
Fluoranthene	ND	230	56	54	3.6	56	80	35.3	40 - 140	30	r
Fluorene	ND	230	55	55	0.0	75	63	17.4	40 - 140	30	
Hexachlorobenzene	ND	130	54	54	0.0	75	64	15.8	40 - 140	30	
Hexachlorobutadiene	ND	230	57	55	3.6	72	65	10.2	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	54	53	1.9	44	34	25.6	40 - 140	30	m
Hexachloroethane	ND	130	51	51	0.0	63	57	10.0	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	58	57	1.7	58	73	22.9	40 - 140	30	
Isophorone	ND	130	50	49	2.0	66	60	9.5	40 - 140	30	
Naphthalene	ND	230	53	53	0.0	70	63	10.5	40 - 140	30	
Nitrobenzene	ND	130	57	56	1.8	75	69	8.3	40 - 140	30	
N-Nitrosodimethylamine	ND	230	50	50	0.0	61	56	8.5	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	52	52	0.0	67	62	7.8	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	55	55	0.0	77	65	16.9	40 - 140	30	
Pentachloronitrobenzene	ND	230	60	58	3.4	88	74	17.3	40 - 140	30	
Pentachlorophenol	ND	230	72	69	4.3	113	91	21.6	30 - 130	30	
Phenanthrene	ND	130	54	53	1.9	63	63	0.0	40 - 140	30	
Phenol	ND	230	55	54	1.8	71	65	8.8	30 - 130	30	
Pyrene	ND	230	57	55	3.6	61	80	27.0	30 - 130	30	
Pyridine	ND	230	38	43	12.3	46	43	6.7	40 - 140	30	l
% 2,4,6-Tribromophenol	66	%	53	55	3.7	81	73	10.4	30 - 130	30	
% 2-Fluorobiphenyl	62	%	51	52	1.9	71	61	15.2	30 - 130	30	
% 2-Fluorophenol	58	%	52	51	1.9	66	60	9.5	30 - 130	30	
% Nitrobenzene-d5	63	%	55	54	1.8	73	68	7.1	30 - 130	30	
% Phenol-d5	62	%	54	54	0.0	69	64	7.5	30 - 130	30	
% Terphenyl-d14	62	%	53	53	0.0	72	60	18.2	30 - 130	30	

Comment:

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

QA/QC Data

SDG I.D.: GCO83124

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 694887 (ug/kg), QC Sample No: CO84614 (CO83128)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	57	51	11.1	62	56	10.2	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	55	49	11.5	60	53	12.4	40 - 140	30	
1,2-Dichlorobenzene	ND	180	48	42	13.3	52	44	16.7	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	62	59	5.0	69	64	7.5	40 - 140	30	
1,3-Dichlorobenzene	ND	230	48	40	18.2	51	42	19.4	40 - 140	30	
1,4-Dichlorobenzene	ND	230	48	40	18.2	50	42	17.4	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	52	46	12.2	57	49	15.1	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	67	63	6.2	72	65	10.2	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	69	65	6.0	73	67	8.6	30 - 130	30	
2,4-Dichlorophenol	ND	130	64	59	8.1	70	62	12.1	30 - 130	30	
2,4-Dimethylphenol	ND	230	66	60	9.5	73	67	8.6	30 - 130	30	
2,4-Dinitrophenol	ND	230	63	67	6.2	68	58	15.9	30 - 130	30	
2,4-Dinitrotoluene	ND	130	74	70	5.6	81	75	7.7	30 - 130	30	
2,6-Dinitrotoluene	ND	130	68	65	4.5	77	71	8.1	40 - 140	30	
2-Chloronaphthalene	ND	230	62	57	8.4	68	63	7.6	40 - 140	30	
2-Chlorophenol	ND	230	55	50	9.5	62	53	15.7	30 - 130	30	
2-Methylnaphthalene	ND	230	60	55	8.7	66	60	9.5	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	58	53	9.0	65	58	11.4	40 - 140	30	
2-Nitroaniline	ND	330	103	98	5.0	111	103	7.5	40 - 140	30	
2-Nitrophenol	ND	230	63	56	11.8	66	57	14.6	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	63	59	6.6	73	65	11.6	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	56	34	48.9	59	52	12.6	40 - 140	30	l,r
3-Nitroaniline	ND	330	38	31	20.3	39	33	16.7	40 - 140	30	l,m
4,6-Dinitro-2-methylphenol	ND	230	68	67	1.5	75	66	12.8	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	67	63	6.2	73	69	5.6	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	67	65	3.0	75	69	8.3	30 - 130	30	
4-Chloroaniline	ND	230	20	15	28.6	19	15	23.5	40 - 140	30	l,m
4-Chlorophenyl phenyl ether	ND	230	66	63	4.7	73	68	7.1	40 - 140	30	
4-Nitroaniline	ND	230	67	64	4.6	74	69	7.0	40 - 140	30	
4-Nitrophenol	ND	230	81	79	2.5	92	83	10.3	30 - 130	30	
Acenaphthene	ND	230	62	58	6.7	68	63	7.6	30 - 130	30	
Acenaphthylene	ND	130	58	53	9.0	63	59	6.6	40 - 140	30	
Acetophenone	ND	230	54	50	7.7	60	53	12.4	40 - 140	30	
Aniline	ND	330	22	17	25.6	61	12	134.2	40 - 140	30	l,m,r
Anthracene	ND	230	65	61	6.3	71	67	5.8	40 - 140	30	
Benz(a)anthracene	ND	230	63	61	3.2	71	65	8.8	40 - 140	30	
Benzidine	ND	330	<10	<10	NC	<10	<10	NC	40 - 140	30	l,m
Benzo(a)pyrene	ND	130	70	69	1.4	77	72	6.7	40 - 140	30	
Benzo(b)fluoranthene	ND	160	65	65	0.0	73	68	7.1	40 - 140	30	
Benzo(ghi)perylene	ND	230	69	67	2.9	75	70	6.9	40 - 140	30	
Benzo(k)fluoranthene	ND	230	64	62	3.2	68	64	6.1	40 - 140	30	
Benzoic Acid	ND	670	73	73	0.0	32	30	6.5	30 - 130	30	
Benzyl butyl phthalate	ND	230	74	71	4.1	82	76	7.6	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	60	55	8.7	66	59	11.2	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	51	45	12.5	57	48	17.1	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	74	72	2.7	83	76	8.8	40 - 140	30	
Carbazole	ND	230	68	64	6.1	73	69	5.6	40 - 140	30	
Chrysene	ND	230	69	65	6.0	73	69	5.6	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	68	67	1.5	75	70	6.9	40 - 140	30	
Dibenzofuran	ND	230	64	60	6.5	70	65	7.4	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Diethyl phthalate	ND	230	67	64	4.6	75	69	8.3	40 - 140	30	
Dimethylphthalate	ND	230	66	62	6.3	73	68	7.1	40 - 140	30	
Di-n-butylphthalate	ND	670	73	69	5.6	80	74	7.8	40 - 140	30	
Di-n-octylphthalate	ND	230	77	74	4.0	86	80	7.2	40 - 140	30	
Fluoranthene	ND	230	68	64	6.1	73	69	5.6	40 - 140	30	
Fluorene	ND	230	66	62	6.3	73	67	8.6	40 - 140	30	
Hexachlorobenzene	ND	130	69	66	4.4	82	77	6.3	40 - 140	30	
Hexachlorobutadiene	ND	230	55	48	13.6	58	52	10.9	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	50	50	0.0	60	53	12.4	40 - 140	30	
Hexachloroethane	ND	130	48	41	15.7	51	43	17.0	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	69	68	1.5	77	71	8.1	40 - 140	30	
Isophorone	ND	130	55	49	11.5	60	54	10.5	40 - 140	30	
Naphthalene	ND	230	56	50	11.3	61	55	10.3	40 - 140	30	
Nitrobenzene	ND	130	53	49	7.8	60	54	10.5	40 - 140	30	
N-Nitrosodimethylamine	ND	230	47	38	21.2	47	40	16.1	40 - 140	30	l
N-Nitrosodi-n-propylamine	ND	130	57	53	7.3	65	57	13.1	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	64	60	6.5	72	66	8.7	40 - 140	30	
Pentachloronitrobenzene	ND	230	65	62	4.7	72	69	4.3	40 - 140	30	
Pentachlorophenol	ND	230	64	64	0.0	71	64	10.4	30 - 130	30	
Phenanthrene	ND	130	65	61	6.3	70	66	5.9	40 - 140	30	
Phenol	ND	230	60	55	8.7	66	58	12.9	30 - 130	30	
Pyrene	ND	230	68	64	6.1	73	69	5.6	30 - 130	30	
Pyridine	ND	230	47	43	8.9	42	39	7.4	40 - 140	30	m
% 2,4,6-Tribromophenol	71	%	68	66	3.0	74	68	8.5	30 - 130	30	
% 2-Fluorobiphenyl	57	%	58	53	9.0	63	60	4.9	30 - 130	30	
% 2-Fluorophenol	53	%	52	47	10.1	57	49	15.1	30 - 130	30	
% Nitrobenzene-d5	51	%	49	46	6.3	56	51	9.3	30 - 130	30	
% Phenol-d5	58	%	56	52	7.4	63	58	8.3	30 - 130	30	
% Terphenyl-d14	64	%	62	59	5.0	68	65	4.5	30 - 130	30	

Comment:

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

QA/QC Batch 694659 (ug/kg), QC Sample No: CO83136 (CO83136)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	111	113	1.8				70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	96	103	7.0				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	97	101	4.0				70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	94	99	5.2				70 - 130	30	
1,1-Dichloroethane	ND	5.0	97	105	7.9				70 - 130	30	
1,1-Dichloroethene	ND	5.0	86	92	6.7				70 - 130	30	
1,1-Dichloropropene	ND	5.0	98	103	5.0				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	103	103	0.0				70 - 130	30	
1,2-Dibromoethane	ND	5.0	92	95	3.2				70 - 130	30	
1,2-Dichloroethane	ND	5.0	94	99	5.2				70 - 130	30	
1,2-Dichloropropane	ND	5.0	108	112	3.6				70 - 130	30	
1,3-Dichloropropane	ND	5.0	96	99	3.1				70 - 130	30	
2,2-Dichloropropane	ND	5.0	94	99	5.2				70 - 130	30	
2-Hexanone	ND	25	98	100	2.0				70 - 130	30	
4-Methyl-2-pentanone	ND	25	103	106	2.9				70 - 130	30	
Acetone	ND	10	73	79	7.9				70 - 130	30	
Acrylonitrile	ND	5.0	89	92	3.3				70 - 130	30	
Benzene	ND	1.0	100	104	3.9				70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Bromochloromethane	ND	5.0	93	100	7.3				70 - 130	30
Bromodichloromethane	ND	5.0	108	112	3.6				70 - 130	30
Bromoform	ND	5.0	118	119	0.8				70 - 130	30
Bromomethane	ND	5.0	85	90	5.7				70 - 130	30
Carbon Disulfide	ND	5.0	95	100	5.1				70 - 130	30
Carbon tetrachloride	ND	5.0	102	107	4.8				70 - 130	30
Chlorobenzene	ND	5.0	100	103	3.0				70 - 130	30
Chloroethane	ND	5.0	85	93	9.0				70 - 130	30
Chloroform	ND	5.0	94	100	6.2				70 - 130	30
Chloromethane	ND	5.0	115	124	7.5				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	96	102	6.1				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	108	112	3.6				70 - 130	30
Dibromochloromethane	ND	3.0	114	115	0.9				70 - 130	30
Dibromomethane	ND	5.0	93	97	4.2				70 - 130	30
Dichlorodifluoromethane	ND	5.0	84	91	8.0				70 - 130	30
Ethylbenzene	ND	1.0	98	101	3.0				70 - 130	30
m&p-Xylene	ND	2.0	95	98	3.1				70 - 130	30
Methyl ethyl ketone	ND	5.0	93	102	9.2				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	86	100	15.1				70 - 130	30
Methylene chloride	ND	5.0	83	87	4.7				70 - 130	30
o-Xylene	ND	2.0	100	103	3.0				70 - 130	30
Styrene	ND	5.0	96	100	4.1				70 - 130	30
Tetrachloroethene	ND	5.0	102	105	2.9				70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	99	106	6.8				70 - 130	30
Toluene	ND	1.0	99	104	4.9				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	87	96	9.8				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	110	114	3.6				70 - 130	30
Trichloroethene	ND	5.0	96	99	3.1				70 - 130	30
Trichlorofluoromethane	ND	5.0	93	99	6.3				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	100	105	4.9				70 - 130	30
Vinyl chloride	ND	5.0	93	102	9.2				70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	101	101	0.0				70 - 130	30
% Bromofluorobenzene	99	%	98	97	1.0				70 - 130	30
% Dibromofluoromethane	99	%	95	98	3.1				70 - 130	30
% Toluene-d8	93	%	103	103	0.0				70 - 130	30

Comment:

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

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

QA/QC Batch 694659H (ug/kg), QC Sample No: CO83136 50X (CO83136 (50X) , CO83140 (50X))

Volatiles - Soil (High Level)

1,2,3-Trichlorobenzene	ND	250	104	102	1.9	84	97	14.4	70 - 130	30
1,2,3-Trichloropropane	ND	250	101	93	8.2	79	90	13.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	250	102	102	0.0	84	96	13.3	70 - 130	30
1,2,4-Trimethylbenzene	ND	250	99	106	6.8	92	103	11.3	70 - 130	30
1,2-Dichlorobenzene	ND	250	103	105	1.9	89	101	12.6	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	98	106	7.8	92	104	12.2	70 - 130	30
1,3-Dichlorobenzene	ND	250	99	104	4.9	89	101	12.6	70 - 130	30
1,4-Dichlorobenzene	ND	250	101	106	4.8	90	102	12.5	70 - 130	30
2-Chlorotoluene	ND	250	95	103	8.1	89	100	11.6	70 - 130	30
2-Isopropyltoluene	ND	250	97	106	8.9	90	103	13.5	70 - 130	30
4-Chlorotoluene	ND	250	96	102	6.1	87	99	12.9	70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromobenzene	ND	250	100	104	3.9	87	101	14.9	70 - 130	30	
Hexachlorobutadiene	ND	250	101	109	7.6	92	107	15.1	70 - 130	30	
Isopropylbenzene	ND	250	96	105	9.0	92	104	12.2	70 - 130	30	
Naphthalene	ND	250	105	97	7.9	78	92	16.5	70 - 130	30	
n-Butylbenzene	ND	250	101	112	10.3	95	106	10.9	70 - 130	30	
n-Propylbenzene	ND	250	97	107	9.8	92	104	12.2	70 - 130	30	
p-Isopropyltoluene	ND	250	98	107	8.8	92	103	11.3	70 - 130	30	
sec-Butylbenzene	ND	250	96	107	10.8	91	104	13.3	70 - 130	30	
tert-Butylbenzene	ND	250	95	105	10.0	89	102	13.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	137	124	10.0	91	109	18.0	70 - 130	30	l
% 1,2-dichlorobenzene-d4	96	%	103	100	3.0	103	102	1.0	70 - 130	30	
% Bromofluorobenzene	99	%	99	97	2.0	96	98	2.1	70 - 130	30	
% Dibromofluoromethane	100	%	100	94	6.2	97	94	3.1	70 - 130	30	
% Toluene-d8	93	%	104	103	1.0	103	103	0.0	70 - 130	30	

Comment:

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

QA/QC Batch 694618 (ug/kg), QC Sample No: CO84206 (CO83140)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	112	112	0.0	108	104	3.8	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	101	103	2.0	99	98	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	102	103	1.0	104	98	5.9	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	100	104	3.9	99	95	4.1	70 - 130	30	
1,1-Dichloroethane	ND	5.0	104	104	0.0	101	100	1.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	93	93	0.0	87	88	1.1	70 - 130	30	
1,1-Dichloropropene	ND	5.0	104	106	1.9	102	100	2.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	100	103	3.0	94	89	5.5	70 - 130	30	
1,2-Dibromoethane	ND	5.0	96	98	2.1	95	91	4.3	70 - 130	30	
1,2-Dichloroethane	ND	5.0	99	103	4.0	98	95	3.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	112	116	3.5	112	109	2.7	70 - 130	30	
1,3-Dichloropropane	ND	5.0	100	101	1.0	100	96	4.1	70 - 130	30	
2,2-Dichloropropane	ND	5.0	97	96	1.0	90	93	3.3	70 - 130	30	
2-Hexanone	ND	25	102	106	3.8	98	91	7.4	70 - 130	30	
4-Methyl-2-pentanone	ND	25	107	114	6.3	105	100	4.9	70 - 130	30	
Acetone	ND	10	77	78	1.3	46	67	37.2	70 - 130	30	m,r
Acrylonitrile	ND	5.0	94	94	0.0	88	87	1.1	70 - 130	30	
Benzene	ND	1.0	106	109	2.8	104	102	1.9	70 - 130	30	
Bromochloromethane	ND	5.0	98	97	1.0	96	94	2.1	70 - 130	30	
Bromodichloromethane	ND	5.0	110	113	2.7	108	105	2.8	70 - 130	30	
Bromoform	ND	5.0	109	114	4.5	103	101	2.0	70 - 130	30	
Bromomethane	ND	5.0	88	87	1.1	83	81	2.4	70 - 130	30	
Carbon Disulfide	ND	5.0	100	101	1.0	93	93	0.0	70 - 130	30	
Carbon tetrachloride	ND	5.0	104	103	1.0	97	97	0.0	70 - 130	30	
Chlorobenzene	ND	5.0	105	105	0.0	102	99	3.0	70 - 130	30	
Chloroethane	ND	5.0	90	89	1.1	83	85	2.4	70 - 130	30	
Chloroform	ND	5.0	99	101	2.0	97	96	1.0	70 - 130	30	
Chloromethane	ND	5.0	129	125	3.1	109	110	0.9	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	102	103	1.0	99	97	2.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	111	113	1.8	107	105	1.9	70 - 130	30	
Dibromochloromethane	ND	3.0	111	113	1.8	108	104	3.8	70 - 130	30	
Dibromomethane	ND	5.0	97	100	3.0	98	92	6.3	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	101	98	3.0	81	79	2.5	70 - 130	30	

QA/QC Data

SDG I.D.: GCO83124

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	103	103	0.0	100	97	3.0	70 - 130	30
m&p-Xylene	ND	2.0	101	100	1.0	91	89	2.2	70 - 130	30
Methyl ethyl ketone	ND	5.0	103	101	2.0	90	87	3.4	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	91	92	1.1	87	85	2.3	70 - 130	30
Methylene chloride	ND	5.0	89	88	1.1	84	83	1.2	70 - 130	30
o-Xylene	ND	2.0	104	103	1.0	102	99	3.0	70 - 130	30
Styrene	ND	5.0	101	102	1.0	96	93	3.2	70 - 130	30
Tetrachloroethene	ND	5.0	107	110	2.8	104	100	3.9	70 - 130	30
Tetrahydrofuran (THF)	ND	5.0	106	111	4.6	100	99	1.0	70 - 130	30
Toluene	ND	1.0	106	109	2.8	105	102	2.9	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	93	92	1.1	89	86	3.4	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	110	113	2.7	105	102	2.9	70 - 130	30
Trichloroethene	ND	5.0	102	105	2.9	100	97	3.0	70 - 130	30
Trichlorofluoromethane	ND	5.0	102	99	3.0	92	93	1.1	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	107	104	2.8	98	99	1.0	70 - 130	30
Vinyl chloride	ND	5.0	102	102	0.0	90	91	1.1	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	103	101	2.0	101	100	1.0	70 - 130	30
% Bromofluorobenzene	97	%	99	98	1.0	97	96	1.0	70 - 130	30
% Dibromofluoromethane	96	%	97	96	1.0	96	97	1.0	70 - 130	30
% Toluene-d8	94	%	103	104	1.0	103	103	0.0	70 - 130	30

Comment:

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

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

Phyllis Shiller, Laboratory Director
September 19, 2023

Tuesday, September 19, 2023

Criteria: CT: GAM, RC

State: CT

Sample Criteria Exceedances Report

GCO83124 - EKI

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CO83136	$8270-SMR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	1800	490	1000	1000	ug/Kg
CO83136	$8270-SMR	Benzo(b)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	1800	490	1000	1000	ug/Kg
CO83136	$8270-SMR	Carbazole	CT / RSR GA,GAA (mg/kg) / APS Organics	270	200	200	200	ug/Kg
CO83136	$PEST_SMR	Chlordane	CT / RSR GA (mg/kg) / Pesticides/TPH	140	71	66	66	ug/Kg
CO83136	$PEST_SMR	Chlordane	CT / RSR GA,GAA (mg/kg) / APS Organics	140	71	66	66	ug/Kg
CO83136	AS-SM	Arsenic	CT / RSR DEC RES (mg/kg) / Inorganics	16.9	1.5	10	10	mg/Kg
CO83138	AS-SM	Arsenic	CT / RSR DEC RES (mg/kg) / Inorganics	12.1	0.77	10	10	mg/Kg
CO83140	$8270-SMR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	1100	1000	1000	1000	ug/Kg
CO83140	$8270-SMR	Benzo(b)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	1100	1000	1000	1000	ug/Kg
CO83140	$PEST_SMR	Chlordane	CT / RSR GA (mg/kg) / Pesticides/TPH	150	78	66	66	ug/Kg
CO83140	$PEST_SMR	Chlordane	CT / RSR GA,GAA (mg/kg) / APS Organics	150	78	66	66	ug/Kg
CO83140	AS-SM	Arsenic	CT / RSR DEC RES (mg/kg) / Inorganics	37.0	1.7	10	10	mg/Kg
CO83140	TCLP-CD	TCLP Cadmium	CT / RSR GA (mg/l) TCLP / Inorganic/PCB	0.009	0.005	0.005	0.005	mg/L
CO83140	TCLP-PB	TCLP Lead	CT / RSR GA (mg/l) TCLP / Inorganic/PCB	0.060	0.010	0.015	0.015	mg/L
CO83141	$8270-SMR	Pentachlorophenol	CT / RSR GA (mg/kg) / Semivolatiles	1500	1000	1000	1000	ug/Kg
CO83141	$8270-SMR	Carbazole	CT / RSR GA,GAA (mg/kg) / APS Organics	430	200	200	200	ug/Kg
CO83141	$8270-SMR	Benz(a)anthracene	CT / RSR DEC RES (mg/kg) / Semivolatiles	1600	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Benz(a)anthracene	CT / RSR GA (mg/kg) / Semivolatiles	1600	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Chrysene	CT / RSR GA,GAA (mg/kg) / APS Organics	2600	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	3500	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Benzo(b)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	3500	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Benzo(k)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	1200	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Benzo(a)pyrene	CT / RSR DEC RES (mg/kg) / Semivolatiles	1400	1200	1000	1000	ug/Kg
CO83141	$8270-SMR	Benzo(a)pyrene	CT / RSR GA (mg/kg) / Semivolatiles	1400	1200	1000	1000	ug/Kg
CO83141	AS-SM	Arsenic	CT / RSR DEC RES (mg/kg) / Inorganics	16.9	1.4	10	10	mg/Kg

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** EKI Environmental & Water Inc

Project Location: C30138 HONEY HILL (C3-210) ***Project Number:***

Laboratory Sample ID(s): CO83128, CO83136, CO83138, CO83140, CO83141 ***Sampling Date(s):*** 8/25/2023

List RCP Methods Used (e.g., 8260, 8270, et cetera) 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 DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☐ Yes ☑ No ☐ NA
4	**Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Sections: PEST Narration, SVOA Narration, VOA Narration.**	☐ Yes ☑ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

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

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

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

Printed Name: Ethan Lee **Date:** Tuesday, September 19, 2023

Name of Laboratory Phoenix Environmental Labs, Inc.

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

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NY # 11301

RCP Certification Report

September 19, 2023

SDG I.D.: GCO83124

SDG Comments

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

ETPH Narration

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

Instrument:

AU-FID84 08/31/23-1 Keith Aloisa, Chemist 08/31/23

CO83136 (10X), CO83140 (10X)

The initial calibration (ET_717AI) 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 (831A003_4) 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 694915 (CO73854)

CO83136, CO83140

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

Herbicide Narration

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

Instrument:

AU-ECD2 09/05/23-1 Jeff Bucko, Chemist 09/05/23

CO83136 (10X), CO83140 (10X)

The initial calibration (HRB822AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (HRB822BI) 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: CO83136
Preceding CC 905B003 - 2,4-DB (12) -20%L (15%), Dalapon (1) 18%H (15%), Dinoseb 25%H (15%)
Succeeding CC 905B015 - Dinoseb 30%H (15%)
Samples: CO83140
Preceding CC 905B015 - Dinoseb 30%H (15%)
Succeeding CC 905B027 - Dinoseb 34%H (15%)

QC (Batch Specific):

Batch 695184 (CO81918)

CO83136, CO83140

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.

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Herbicide Narration

Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.

Mercury Narration

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

Instrument:

MERLIN 09/11/23 20:54 Alexander Latka, Chemist 09/11/23

CO83128, CO83136, CO83138, CO83140, CO83141

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

MERLIN 09/15/23 17:25 Alexander Latka, Chemist 09/15/23

CO83140

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

QC (Batch Specific):

Batch 696382 (CO83001)

CO83128, CO83136, CO83138, CO83140, CO83141

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

QC (Site Specific):

Batch 697184 (CO83140)

CO83140

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

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Certification Report

September 19, 2023

SDG I.D.: GCO83124

ICP Metals Narration

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

Instrument:

ARCOS 09/15/23 11:02 Cindy Pearce, Ian Enders, Chemist 09/15/23

CO83140

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

ARCOS 09/19/23 09:10 Cindy Pearce, Ian Enders, Chemist 09/19/23

CO83140

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

ARCOS-2 09/09/23 11:59 Cindy Pearce, Tina Hall, Chemist 09/09/23

CO83128, CO83136, CO83138, CO83140, CO83141

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

ARCOS-2 09/11/23 11:29 Cindy Pearce, Tina Hall, Chemist 09/11/23

CO83140, CO83141

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

QC (Batch Specific):

Batch 694458 (CO84240)

CO83128, CO83136, CO83138, CO83140, CO83141

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

Batch 697187 (CO99443)

CO83140

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.

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SDG I.D.: GCO83124

ICP Metals Narration

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

PCB Narration

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

Instrument:

AU-ECD7 08/31/23-1 Saadia Chudary, Chemist 08/31/23

CO83141 (10X)

The initial calibration (PC0808AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC0808BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

AU-ECD7 09/01/23-1 Saadia Chudary, Chemist 09/01/23

CO83136 (10X), CO83140 (10X)

The initial calibration (PC0808AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PC0808BI) RSD for the compound list was less than 20% except for the following compounds: None.
The continuing calibration %D for the compound list was less than 15% except for the following compounds:None.

QC (Batch Specific):

Batch 694703 (CO82999)

CO83141

All LCS recoveries were within 40 - 140 with the following exceptions: None.
This batch consists of a Blank, LCS, MS and MSD.

Batch 695110 (CO87087)

CO83136, CO83140

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

PEST Narration

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

QC Batch 694705 (Samples: CO83136): -----

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. (d-BHC, Endrin aldehyde)

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, therefore there may be variability in the reported result. (Chlordane)

Instrument:

AU-ECD4 08/30/23-1 Adam Werner, Chemist 08/30/23

CO83136 (2X)

The initial calibration (PS0821AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0821BI) RSD for the compound list was less than 20% except for the following compounds: None.

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SDG I.D.: GCO83124

PEST Narration

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: CO83136
Preceding CC 830B041 - None.
Succeeding CC 830B054 - b-BHC 21%H (20%), Endrin aldehyde 22%H (20%)

AU-ECD4 09/05/23-1 Adam Werner, Chemist 09/05/23

CO83140 (2X)

The initial calibration (PS0901AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0901BI) 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:None.

QC (Batch Specific):

Batch 694705 (CO83169)

CO83136

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: Chlordane(33.1%), d-BHC(39.3%), Endrin aldehyde(37.4%)

Batch 695399 (CO85322)

CO83140

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

SVOA Narration

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SDG I.D.: GCO83124

SVOA Narration

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

QC Batch 694887 (Samples: CO83128): -----

The LCS and/or the LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (3,3''-Dichlorobenzidine, N-Nitrosodimethylamine)

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. (3,3''-Dichlorobenzidine)

The QC recoveries for one or more analytes is below the method criteria. A slight low bias is likely. (3-Nitroaniline, 4-Chloroaniline, Aniline, Benzidine)

QC Batch 694946 (Samples: CO83136, CO83138, CO83140, CO83141): -----

The LCS and/or the LCSD recovery is below the method criteria. All of the other QC is acceptable, therefore no significant bias is suspected. (4-Chloroaniline, Pyridine)

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. (Benzidine)

The QC recoveries for one or more analytes is below the method criteria. A slight low bias is likely. (Aniline, Benzidine)

Instrument:

CHEM06 08/30/23-2 Adam Werner, Chemist 08/30/23

CO83136 (1X), CO83138 (1X), CO83140 (1X), CO83141 (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_SPLIT_0830):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: 2-Nitrophenol 0.064 (0.1), Hexachlorobenzene 0.086 (0.1)
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM06/0830_19-6_SPLIT_0830):
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: 2-Nitrophenol 0.066 (0.1), Hexachlorobenzene 0.084 (0.1)
The following compounds did not meet minimum response factors: None.

CHEM07 08/30/23-1 Matt Richard, Chemist 08/30/23

CO83128 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and

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SDG I.D.: GCO83124

SVOA Narration

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 (CHEM07/7_SPLIT_0824):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: 2-Nitrophenol 0.064 (0.1), Hexachlorobenzene 0.086 (0.1)
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM07/0830_04-7_SPLIT_0824):
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: 2-Nitrophenol 0.068 (0.1), Hexachlorobenzene 0.086 (0.1)
The following compounds did not meet minimum response factors: None.

QC (Batch Specific):

Batch 694887 (CO84614)

CO83128

All LCS recoveries were within 40 - 140 with the following exceptions: 3-Nitroaniline(38%), 4-Chloroaniline(20%), Aniline(22%), Benzidine(<10%)
All LCSD recoveries were within 40 - 140 with the following exceptions: 3,3'-Dichlorobenzidine(34%), 3-Nitroaniline(31%), 4-Chloroaniline(15%), Aniline(17%), Benzidine(<10%), N-Nitrosodimethylamine(38%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: 3,3'-Dichlorobenzidine(48.9%)
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%)

Batch 694946 (CO83417)

CO83136, CO83138, CO83140, CO83141

All LCS recoveries were within 40 - 140 with the following exceptions: 4-Chloroaniline(39%), Aniline(39%), Benzidine(14%), Pyridine(38%)
All LCSD recoveries were within 40 - 140 with the following exceptions: Benzidine(22%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: Benzidine(44.4%)
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 694659H: -----

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (trans-1,4-dichloro-2-butene)

Instrument:

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SDG I.D.: GCO83124

VOA Narration

CHEM18 08/28/23-1 Jane Li, Chemist 08/28/23

CO83136 (1X, 50X), CO83140 (50X)

Initial Calibration Evaluation (CHEM18/VT-M080923P):
97% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 25% (20%), Bromoform 21% (20%), trans-1,4-dichloro-2-butene 34% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM18/0828_02-VT-M080923P):
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: trans-1,4-dichloro-2-butene 32%H (30%)
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: None.

CHEM18 08/28/23-2 Jane Li, Chemist 08/28/23

CO83140 (1X)

Initial Calibration Evaluation (CHEM18/VT-M080923P):
97% of target compounds met criteria.
The following compounds had %RSDs >20%: 1,2-Dibromo-3-chloropropane 25% (20%), Bromoform 21% (20%)
The following compounds did not meet Table 4 recommended minimum response factors: None.
The following compounds did not meet the minimum response factor of 0.05: None.

Continuing Calibration Verification (CHEM18/0828_36-VT-M080923P):
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 Table 4 recommended minimum response factors: None.

QC (Batch Specific):

Batch 694618 (CO84206) CHEM18 8/28/2023-2

CO83140(1X)

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

Batch 694659 (CO83136) CHEM18 8/28/2023-1

CO83136(1X)

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

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SDG I.D.: GCO83124

VOA Narration

QC (Site Specific):

Batch 694659H (CO83136) CHEM18 8/28/2023-1

CO83136(50X), CO83140(50X)

All LCS recoveries were within 70 - 130 with the following exceptions: trans-1,4-dichloro-2-butene(137%)
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 70 - 130 with the following exceptions: None.
All MSD recoveries were within 70 - 130 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

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

Temp 9.0 °C Pg of

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

Customer: Honey Hill
Address:

Project: Honey Hill (C3-210)
Report to: Tim Myjak (Tmyjak@ekiconsult.com
Invoice to: EKI (accounting@ekiconsult.com)
Quote #

Project P.O: C3-210

This section MUST be completed with Bottle Quantities.

Sampler's Signature
Client Sample - Information - Identification
Date: 8/25/23

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	GL Amber 8 oz. [ ] w/H3PO4 [ ] methanol [ ] H2O	Soil VOA Vials [ ] w/H3PO4 [ ] NaHSO4	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 1250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 1250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
83124	TP-2 (1-2)	Soil	8/25/23	9:10												2	
83125	TP-2 (2-3)			9:15												3 2	
83126	TP-4 (1-2)			9:20												2	
83127	TP-4 (2-3)			9:25												2	
83128	TP-6 (1-2)			9:30												2	
83129	TP-6 (2-3)			9:35												3 2	
83130	TP-8 (1-2)			9:40												2	
83131	TP-8 (2-3)			9:45												2	
83132	TP-10 (1-2)			9:50												2	
83133	TP-10 (2-3)			9:55												3 2	
83134	TP-12 (1-2)			10:00												2	
83135	TP-12 (2-3)			10:05												2	

Relinquished by:	Accepted by:	Date:	Time:
Matthias Ongeall	H. Coleman	08/25/23	13:15
H. Coleman	Emily Lord	8/25/23	13:43

Comments, Special Requirements or Regulations:
Hold all samples for 30 days

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

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
☐ I/C DEC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ _____
☐ S-1
☐ S-2
☐ S-3
☐ SW Protection

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

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

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

*** SURCHARGES MAY APPLY**

State where samples were collected:

*** SURCHARGE APPLIES**

Form PEL126 Rev. 1/23

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

Temp 4.0 °C Pg of

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

Customer: Honey Hill
Address:

Project: Honey Hill
Report to: Tim Myjak (Tmyjak@ekiconsultants.com)
Invoice to: EKI (accounting@ekiconsultants.com)
Quote #

Project P.O: C3-210

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 8/25/23

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

PHOENIX USE ONLY SAMPLE #	Client Sample - Information - Identification: Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO_3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
83136	TP-13 (1-3)	Soil	8/25/23	10:10		3	2										
83137	TP-13 (4-5)			10:15		3	2										
83138	TP-14 (1-2)			10:20			2										
83139	TP-14 (2-3)			10:25			2										
83140	TP-15 (2-3)			10:30		3	2										
83141	TP-15 (4-5)			10:35		3	2										
83142	TP-16 (1-2)			10:40			2										
83143	TP-16 (2-3)			10:45			2										
83144	TP-17 (1-2)			10:50			2										
83145	TP-17 (2-3)			10:55		3	2										
83146	TP-18 (1-2)			11:00			2										
83147	TP-18 (2-3)			11:05			2										

Relinquished by:	Accepted by:	Date:	Time:
Mathias original ~~MM~~	H. Coleman	8/25/23	13:15
H. Coleman	Emily A	8/25/23	13:43

Comments, Special Requirements or Regulations:

Hold all samples for 30 days.

(KD) ~~Extra Received TP-15 (4-5)~~

***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
☐ I/C DEC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3
☐ S-1 ☐ _____
☐ S-2
☐ S-3
☐ SW Protection

State where samples were collected:

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

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

*** SURCHARGE APPLIES**

Form PEL126 Rev. 1/23

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

PHOENIX Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

Temp 9.0 °C Pg of

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

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☒ Email: tmyjak@ekiconsult.com

Customer: EKI Honey Hill
Address: 80 Eastern Blvd Ste 5
Glastonbury, CT 06033

Project: C30138 Honey Hill (C3-210)
Report to: Tim Myjak (Tmyjak@ekiconsult.com
Invoice to: EKI (accounting@ekiconsult.com)
Quote #

Project P.O: C3-210 C30138

This section MUST be completed with Bottle Quantities.

Sampler's Signature
Client Sample - Information - Identification
Date: 8/25/23

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	CTETPH	VOCs 8260	SVOCs 8270	CT RSR Metals (total)	Pesticides 8081	Herbicides 8151	PCBs Soxhlet 8082	GL Amber 8 oz. [ ] w/H3PO4 [ ] methanol [ ] NaHSO4 [ ] H2O	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/hio	Bacteria Bottle as is
83124	TP-2 (1-2)	Soil	8/25/23	9:10												2								
83125	TP-2 (2-3)			9:15											3	2								
83126	TP-4 (1-2)			9:20												2								
83127	TP-4 (2-3)			9:25												2								
83128	TP-6 (1-2)			9:30			X	X								2								
83129	TP-6 (2-3)			9:35											3	2								
83130	TP-8 (1-2)			9:40												2								
83131	TP-8 (2-3)			9:45												2								
83132	TP-10 (1-2)			9:50												2								
83133	TP-10 (2-3)			9:55											3	2								
83134	TP-12 (1-2)			10:00												2								
83135	TP-12 (2-3)			10:05												2								

Relinquished by:	Accepted by:	Date:	Time:
Matthias Ongaro	H. Coleman	08/25/23	13:15
H. Coleman	Emily Lord	8/25/23	13:43

Comments, Special Requirements or Regulations:
Hold all samples for 30 days

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

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
☐ I/C DEC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ _____
☐ S-1
☐ S-2
☐ S-3
☐ SW Protection

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

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

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

* SURCHARGES MAY APPLY

State where samples were collected:

* SURCHARGE APPLIES

2023 08 28 Activations as noted Timothy O. Myjak

Form PEL126 Rev. 1/23

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

Temp 6.0 °C Pg of

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☒ Email: tmyjak@ekiconsult.com

Customer: EKI Honey Hill
Address: 80 Eastern Blvd Ste 5
Glastonbury, CT 06033

Project: Honey Hill C30138
Report to: Tim Myjak (Tmyjak@ekiconsult.com)
Invoice to: EKI (accounting@ekiconsult.com)
Quote #

Project P.O: C3-210 C30138

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 8/25/23

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	CTETPH	VOCs 8260	SVOCs 8270	CT RSR Metals (total)	Pesticides 8081	Herbicides 8151	PCBs Soxhlet 8082	GL Amber 8 oz. [ ] w/H3PO4 [ ] NaHSO4 [ ] H2O	Soil VOA Vials [ ] methanol [ ]	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
83136	TP-13 (2-3)	Soil	8/25/23	10:10		X	X	X	X	X	X	X					3	2						
83137	TP-13 (4-5)			10:15													3	2						
83138	TP-14 (1-2)			10:20				X	X									2						
83139	TP-14 (2-3)			10:25														2						
83140	TP-15 (2-3)			10:30		X	X	X	X	X	X	X					3	2						
83141	TP-15 (4-5)			10:35				X	X			X					3	2						
83142	TP-16 (1-2)			10:40														2						
83143	TP-16 (2-3)			10:45														2						
83144	TP-17 (1-2)			10:50														2						
83145	TP-17 (2-3)			10:55													3	2						
83146	TP-18 (1-2)			11:00														2						
83147	TP-18 (2-3)			11:05														2						

Relinquished by:	Accepted by:	Date:	Time:
Mathias Ordgen.	H. Coleman	8/25/23	17:15
H. Coleman	Emily A	8/25/23	1343

Comments, Special Requirements or Regulations:

Hold all samples for 30 days.

~~Extra Received TP-15 (4-5)~~

KD

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

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

* 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
☐ I/C DEC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ _____
☐ S-1
☐ S-2
☐ S-3
☐ SW Protection

State where samples were collected:

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

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

* SURCHARGE APPLIES

Form PEL126 Rev. 1/23

2023 08 28 Activations as noted Timothy O. Myjak

Cooler: Yes ☑ No ☐
Coolant: IPK ☐ ICE ☑ 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) 645-1102
Client Services (860) 645-1102

Temp 4.0 °C Pg of

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☒ Email: tmyjak@ekiconsult.com

Customer: EKI Honey Hill
Address: 80 Eastern Blvd Ste 5
Glastonbury, CT 06033

Project: Honey Hill C30138
Report to: Tim Myjak (Tmyjak@ekiconsult.com)
Invoice to: EKI (accounting@ekiconsult.com)
Quote #

Project P.O: C3-210 C30138

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 8/25/23

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	CT ETPH	VOCs 8260	SVOCs 8270	CT RSR Metals (total)	Pesticides 8081	Herbicides 8151	PCBs Soxhlet 8082	TCLP RSR Metals	GL Amber 8 oz. [ ] w/ H_3PO_4 [ ] $NaHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO_3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
83136	TP-13 (2-3)	Soil	8/25/23	10:10		X	X	X	X	X	X	X					3	2								
83137	TP-13 (4-5)			10:15													3	2								
83138	TP-14 (1-2)			10:20				X	X									2								
83139	TP-14 (2-3)			10:25														2								
83140	TP-15 (2-3)			10:30		X	X	X	X	X	X	X	X2				3	2								
83141	TP-15 (4-5)			10:35				X	X			X					3	2								
83142	TP-16 (1-2)			10:40														2								
83143	TP-16 (2-3)			10:45														2								
83144	TP-17 (1-2)			10:50														2								
83145	TP-17 (2-3)			10:55													3	2								
83146	TP-18 (1-2)			11:00														2								
83147	TP-18 (2-3)			11:05														2								

Relinquished by:	Accepted by:	Date:	Time:
Mathias Ordgear.	H. Coleman	8/25/23	13:15
H. Coleman	Emily A	8/25/23	1343

Comments, Special Requirements or Regulations:

Hold all samples for 30 days.

~~Extra Received TP-15 (4-5)~~ (KD)

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

Turnaround Time:
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☑ Standard ☐ Other _____
* 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
☐ I/C DEC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ _____
☐ S-1
☐ S-2
☐ S-3
☐ SW Protection

State where samples were collected:

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

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

* SURCHARGE APPLIES

2023 08 28 Activations as noted Timothy O. Myjak 2023 09 14 Activations as noted X2

Form PEL126 Rev. 1/23