



Friday, April 18, 2025

Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Project ID: 9 FIELD CREST DR
SDG ID: GCS98011
Sample ID#s: CS98011

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

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

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

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

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
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



SDG Comments

April 18, 2025

SDG I.D.: GCS98011

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.



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Sample Id Cross Reference

April 18, 2025

SDG I.D.: GCS98011

Project ID: 9 FIELD CREST DR

Client Id	Lab Id	Matrix	Col Date
IMPORT SOIL	CS98011	SOIL	04/02/25 0:00



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



Analysis Report

April 18, 2025

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

04/02/25

Time

04/03/25 17:30

Laboratory Data

SDG ID: GCS98011
Phoenix ID: CS98011

Project ID: 9 FIELD CREST DR
Client ID: IMPORT SOIL

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Arsenic	3.41	0.71		mg/Kg	1	04/08/25	TH	SW6010D
Barium	43.9	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Beryllium	0.39	0.28		mg/Kg	1	04/08/25	TH	SW6010D
Cadmium	< 0.36	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Chromium	15.0	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Copper	19.9	0.7		mg/kg	1	04/08/25	TH	SW6010D
Mercury	< 0.23	0.23		mg/Kg	1	04/08/25	JM	SW7473
Manganese	317	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Nickel	11.9	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Lead	18.6	0.36		mg/Kg	1	04/08/25	TH	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	04/08/25	TH	SW6010D
Trivalent Chromium	15.0	0.36		mg/kg	1	04/08/25		CALC 6010-7196
Zinc	37.5	0.7		mg/Kg	1	04/08/25	TH	SW6010D
Percent Solid	88			%		04/03/25	CV	SW846-%Solid
Chromium, Hex. (SW3060A digestion)	< 0.42	0.42		mg/Kg	1	04/04/25	NP	SW7196A
pH at 21C - Soil	8.04	1.00		pH Units	1	04/03/25 23:35	KG	SW846 9045D
Redox Potential	186			mV	1	04/03/25	KG	SM2580B-09
Total Cyanide (SW9010C Distill.)	< 0.57	0.57		mg/Kg	1	04/07/25	I/A/G	SW9012B
Field Extraction	Completed					04/02/25		SW5035A
Soil Extraction for Herbicide	Completed					04/09/25	Y/MQ	SW3546
Soil Extraction for PCB	Completed					04/14/25	H/F	SW3546
Soil Extraction for Pesticides	Completed					04/14/25	H/F	SW3546
Soil Extraction for SVOA	Completed					04/14/25	S/F	SW3546
Total Metals Digest	Completed					04/04/25	N/AG	SW3050B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Chlorinated Herbicides</u>								
2,4,5-T	ND	140		ug/Kg	10	04/11/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	140		ug/Kg	10	04/11/25	JRB	SW8151A
2,4-D	ND	280		ug/Kg	10	04/11/25	JRB	SW8151A
2,4-DB	ND	2800		ug/Kg	10	04/11/25	JRB	SW8151A
Dalapon	ND	140		ug/Kg	10	04/11/25	JRB	SW8151A
Dicamba	ND	140		ug/Kg	10	04/11/25	JRB	SW8151A
Dichloroprop	ND	280		ug/Kg	10	04/11/25	JRB	SW8151A
Dinoseb	ND	280		ug/Kg	10	04/11/25	JRB	SW8151A
<u>QA/QC Surrogates</u>								
% DCAA	71			%	10	04/11/25	JRB	30 - 150 %
% DCAA (Confirmation)	76			%	10	04/11/25	JRB	30 - 150 %
<u>Polychlorinated Biphenyls</u>								
PCB-1016	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1221	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1232	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1242	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1248	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1254	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1260	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1262	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
PCB-1268	ND	380		ug/Kg	10	04/15/25	SC	SW8082A
<u>QA/QC Surrogates</u>								
% DCBP	123			%	10	04/15/25	SC	30 - 150 %
% DCBP (Confirmation)	130			%	10	04/15/25	SC	30 - 150 %
% TCMX	123			%	10	04/15/25	SC	30 - 150 %
% TCMX (Confirmation)	124			%	10	04/15/25	SC	30 - 150 %
<u>Pesticides - Soil</u>								
4,4' -DDD	ND	2.3		ug/Kg	2	04/15/25	AW	SW8081B
4,4' -DDE	12	2.3		ug/Kg	2	04/15/25	AW	SW8081B
4,4' -DDT	7.3	2.3		ug/Kg	2	04/15/25	AW	SW8081B
a-BHC	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
a-Chlordane	ND	3.8		ug/Kg	2	04/15/25	AW	SW8081B
Aldrin	ND	3.8		ug/Kg	2	04/15/25	AW	SW8081B
b-BHC	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Chlordane	ND	38		ug/Kg	2	04/15/25	AW	SW8081B
d-BHC	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Dieldrin	4.8	3.8		ug/Kg	2	04/15/25	AW	SW8081B
Endosulfan I	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Endosulfan II	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Endosulfan sulfate	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Endrin	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Endrin aldehyde	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Endrin ketone	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
g-BHC	ND	1.5		ug/Kg	2	04/15/25	AW	SW8081B
g-Chlordane	ND	3.8		ug/Kg	2	04/15/25	AW	SW8081B
Heptachlor	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Heptachlor epoxide	ND	7.5		ug/Kg	2	04/15/25	AW	SW8081B
Methoxychlor	ND	38		ug/Kg	2	04/15/25	AW	SW8081B
Toxaphene	ND	150		ug/Kg	2	04/15/25	AW	SW8081B
<u>QA/QC Surrogates</u>								
% DCBP	92			%	2	04/15/25	AW	30 - 150 %
% DCBP (Confirmation)	82			%	2	04/15/25	AW	30 - 150 %
% TCMX	89			%	2	04/15/25	AW	30 - 150 %
% TCMX (Confirmation)	91			%	2	04/15/25	AW	30 - 150 %
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,1,1-Trichloroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,1,2,2-Tetrachloroethane	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,1,2-Trichloroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,1-Dichloroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,1-Dichloroethene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,1-Dichloropropene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,2,3-Trichlorobenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,2,3-Trichloropropane	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,2,4-Trichlorobenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,2,4-Trimethylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,2-Dibromo-3-chloropropane	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,2-Dibromoethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,2-Dichlorobenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,2-Dichloroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,2-Dichloropropane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,3,5-Trimethylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,3-Dichlorobenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
1,3-Dichloropropane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
1,4-Dichlorobenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
2,2-Dichloropropane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
2-Chlorotoluene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
2-Hexanone	ND	23		ug/Kg	1	04/05/25	JLI	SW8260D
2-Isopropyltoluene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
4-Chlorotoluene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	23		ug/Kg	1	04/05/25	JLI	SW8260D
Acetone	ND	23		ug/Kg	1	04/05/25	JLI	SW8260D
Acrylonitrile	ND	9.2		ug/Kg	1	04/05/25	JLI	SW8260D
Benzene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Bromobenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
Bromochloromethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Bromodichloromethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Bromoform	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Bromomethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Carbon Disulfide	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Carbon tetrachloride	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Chlorobenzene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Chloroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Chloroform	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Chloromethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Dibromochloromethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Dibromomethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Ethylbenzene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Hexachlorobutadiene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
Isopropylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
m&p-Xylene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	23		ug/Kg	1	04/05/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.2		ug/Kg	1	04/05/25	JLI	SW8260D
Methylene chloride	ND	9.2		ug/Kg	1	04/05/25	JLI	SW8260D
Naphthalene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
n-Butylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
n-Propylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
o-Xylene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
p-Isopropyltoluene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
sec-Butylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
Styrene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
tert-Butylbenzene	ND	480		ug/Kg	50	04/08/25	JLI	SW8260D
Tetrachloroethene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.2		ug/Kg	1	04/05/25	JLI	SW8260D
Toluene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Total Xylenes	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	970		ug/Kg	50	04/08/25	JLI	SW8260D
Trichloroethene	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Vinyl chloride	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	102		%	1	04/05/25	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	04/05/25	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	04/05/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	04/05/25	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	96		%	50	04/08/25	JLI	70 - 130 %
% Bromofluorobenzene (50x)	99		%	50	04/08/25	JLI	70 - 130 %
% Dibromofluoromethane (50x)	97		%	50	04/08/25	JLI	70 - 130 %
% Toluene-d8 (50x)	90		%	50	04/08/25	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	69		ug/kg	1	04/05/25	JLI	SW8260D
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QA/QC Surrogates

% 1,2-dichlorobenzene-d4	102		%	1	04/05/25	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	04/05/25	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	04/05/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	04/05/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>								
1,1,1,2-Tetrachloroethane	ND	18		ug/Kg	1	04/05/25	JLI	SW8260D
Acrolein	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
Acrylonitrile	ND	18		ug/Kg	1	04/05/25	JLI	SW8260D
Tert-butyl alcohol	ND	92		ug/Kg	1	04/05/25	JLI	SW8260D
Methylacetate	ND	4.6		ug/Kg	1	04/05/25	JLI	SW8260D
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
1,2,4-Trichlorobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
1,2-Dichlorobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
1,2-Diphenylhydrazine	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
1,3-Dichlorobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
1,4-Dichlorobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,2'-Oxybis(1-Chloropropane)	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,4,5-Trichlorophenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,4,6-Trichlorophenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,4-Dichlorophenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,4-Dimethylphenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,4-Dinitrophenol	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
2,4-Dinitrotoluene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2,6-Dinitrotoluene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2-Chloronaphthalene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2-Chlorophenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2-Methylnaphthalene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2-Methylphenol (o-cresol)	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
2-Nitroaniline	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
2-Nitrophenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
3&4-Methylphenol (m&p-cresol)	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
3,3'-Dichlorobenzidine	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
3-Nitroaniline	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
4,6-Dinitro-2-methylphenol	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
4-Bromophenyl phenyl ether	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
4-Chloro-3-methylphenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
4-Chloroaniline	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
4-Chlorophenyl phenyl ether	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
4-Nitroaniline	ND	600		ug/Kg	1	04/15/25	MR	SW8270E
4-Nitrophenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Acenaphthene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Acenaphthylene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Acetophenone	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Aniline	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Anthracene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Benz(a)anthracene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Benzidine	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Benzo(a)pyrene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Benzo(b)fluoranthene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Benzo(ghi)perylene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Benzoic acid	ND	750		ug/Kg	1	04/15/25	MR	SW8270E
Benzyl butyl phthalate	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Bis(2-chloroethoxy)methane	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Carbazole	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Chrysene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Dibenzofuran	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Diethyl phthalate	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Dimethylphthalate	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Di-n-butylphthalate	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Di-n-octylphthalate	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Fluoranthene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Fluorene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Hexachlorobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Hexachlorobutadiene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Hexachloroethane	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Isophorone	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Naphthalene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Nitrobenzene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
N-Nitrosodimethylamine	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Pentachloronitrobenzene	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Pentachlorophenol	ND	370		ug/Kg	1	04/15/25	MR	SW8270E
Phenanthrene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Phenol	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Pyrene	ND	260		ug/Kg	1	04/15/25	MR	SW8270E
Pyridine	ND	370		ug/Kg	1	04/15/25	MR	SW8270E

QA/QC Surrogates

% 2,4,6-Tribromophenol	75			%	1	04/15/25	MR	30 - 130 %
% 2-Fluorobiphenyl	70			%	1	04/15/25	MR	30 - 130 %
% 2-Fluorophenol	63			%	1	04/15/25	MR	30 - 130 %
% Nitrobenzene-d5	69			%	1	04/15/25	MR	30 - 130 %
% Phenol-d5	65			%	1	04/15/25	MR	30 - 130 %
% Terphenyl-d14	73			%	1	04/15/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	260	110	ug/Kg	1	04/15/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	04/15/25	MR	SW8270E
Atrazine	ND	150	75	ug/Kg	1	04/15/25	MR	SW8270E
Benzaldehyde	ND	260	110	ug/Kg	1	04/15/25	MR	SW8270E
Benzo(a)pyrene	ND	260	120	ug/Kg	1	04/15/25	MR	SW8270E
Caprolactam	ND	150	150	ug/Kg	1	04/15/25	MR	SW8270E

QA/QC Surrogates

% 2,4,6-Tribromophenol	75			%	1	04/15/25	MR	30 - 130 %
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	70			%	1	04/15/25	MR	30 - 130 %
% 2-Fluorophenol	63			%	1	04/15/25	MR	30 - 130 %
% Nitrobenzene-d5	69			%	1	04/15/25	MR	30 - 130 %
% Phenol-d5	65			%	1	04/15/25	MR	30 - 130 %
% Terphenyl-d14	73			%	1	04/15/25	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

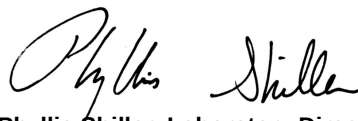
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

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

April 18, 2025

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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



QA/QC Report

April 18, 2025

QA/QC Data

SDG I.D.: GCS98011

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 777743 (mg/kg), QC Sample No: CS97364 (CS98011)													
<u>Chromium, Hexavalent - Soil</u>													
Chromium, Hexavalent	BRL	0.40	<0.38	<0.38	NC	99.0						80 - 120	30
Chromium, Hexavalent (Ins)						97.8			94.9			80 - 120	30
Chromium, Hexavalent (Sol)						95.7			68.9			80 - 120	30 m

Comment:

The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.

Additional Hexavalent Chromium criteria: MS acceptance range is 75-125%.

QA/QC Batch 778357 (mg/kg), QC Sample No: CS99441 (CS98011)

Mercury - Soil	BRL	0.2	<0.22	<0.22	NC	97.6			86.0			70 - 130	30
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Comment:

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

QA/QC Batch 777840 (mg/kg), QC Sample No: CS97345 (CS98011)

ICP Metals - Soil

Arsenic	BRL	0.67	5.43	9.05	50.0	94.4	98.1	3.8	91.2			75 - 125	30 r
Barium	BRL	0.33	140	161	14.0	97.2	107	9.6	NC			75 - 125	30
Beryllium	BRL	0.27	0.81	0.79	NC	102	109	6.6	97.1			75 - 125	30
Cadmium	BRL	0.33	0.62	0.77	NC	98.7	104	5.2	92.6			75 - 125	30
Chromium	BRL	0.33	43.7	43.3	0.90	100	106	5.8	85.1			75 - 125	30
Copper	BRL	0.67	49.7	69.9	33.8	104	110	5.6				75 - 125	30 r
Lead	BRL	0.33	49.1	76.7	43.9	104	107	2.8	NC			75 - 125	30 r
Manganese	BRL	0.33	426	570	28.9	111	113	1.8	42.0			75 - 125	30 m
Nickel	BRL	0.33	26.0	29.4	12.3	101	107	5.8	92.1			75 - 125	30
Selenium	BRL	1.3	<1.7	<1.5	NC	84.0	88.1	4.8	77.6			75 - 125	30
Silver	BRL	0.33	<0.41	<0.36	NC	105	108	2.8	98.7			75 - 125	30
Zinc	BRL	0.67	166	333	66.9	102	107	4.8	NC			75 - 125	30 r

Comment:

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

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

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



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QA/QC Report

April 18, 2025

QA/QC Data

SDG I.D.: GCS98011

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 777786 (mg/Kg), QC Sample No: CS96979 (CS98011)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.72	0.78	NC	102	89.0	13.6	96.0			80 - 120	30
Comment:													
Additional: MS acceptance range is 75-125%.													
QA/QC Batch 777721 (PH), QC Sample No: CS97801 (CS98011)													
pH			5.02	5.04	0.40	99.9						85 - 115	20



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QA/QC Report

April 18, 2025

QA/QC Data

SDG I.D.: GCS98011

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 778548 (ug/Kg), QC Sample No: CS96248 (CS98011)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	130	53	48	9.9	34	42	21.1	40 - 140	30
2,4,5-TP (Silvex)	ND	130	56	54	3.6	40	48	18.2	40 - 140	30
2,4-D	ND	250	59	54	8.8	45	54	18.2	40 - 140	30
2,4-DB	ND	2500	44	37	17.3	31	39	22.9	40 - 140	30
Dalapon	ND	130	55	53	3.7	41	40	2.5	40 - 140	30
Dicamba	ND	130	56	56	0.0	41	47	13.6	40 - 140	30
Dichloroprop	ND	130	61	56	8.5	45	53	16.3	40 - 140	30
Dinoseb	ND	130	53	49	7.8	37	43	15.0	40 - 140	30
% DCAA (Surrogate Rec)	69	%	69	63	9.1	53	62	15.7	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	66	%	65	59	9.7	50	59	16.5	30 - 150	30

Comment:

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

QA/QC Batch 779340 (ug/Kg), QC Sample No: CS98021 2X (CS98011)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	72	71	1.4	66	62	6.3	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	71	67	5.8	64	59	8.1	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	64	%	82	73	11.6	70	64	9.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	66	%	83	76	8.8	72	68	5.7	30 - 150	30
% TCMX (Surrogate Rec)	57	%	72	73	1.4	66	60	9.5	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	61	%	80	81	1.2	74	67	9.9	30 - 150	30

QA/QC Batch 779341 (ug/Kg), QC Sample No: CS98021 2X (CS98011)

Pesticides - Soil

4,4' -DDD	ND	1.7	60	60	0.0	50	60	18.2	40 - 140	30
4,4' -DDE	ND	1.7	66	67	1.5	55	65	16.7	40 - 140	30
4,4' -DDT	ND	1.7	60	61	1.7	49	62	23.4	40 - 140	30
a-BHC	ND	1.0	61	62	1.6	48	61	23.9	40 - 140	30
a-Chlordane	ND	3.3	63	63	0.0	53	68	24.8	40 - 140	30
Aldrin	ND	1.0	68	70	2.9	56	62	10.2	40 - 140	30
b-BHC	ND	1.0	66	65	1.5	55	64	15.1	40 - 140	30
Chlordane	ND	33	62	63	1.6	58	67	14.4	40 - 140	30
d-BHC	ND	3.3	66	66	0.0	54	70	25.8	40 - 140	30
Dieldrin	ND	1.0	65	66	1.5	54	65	18.5	40 - 140	30

QA/QC Data

SDG I.D.: GCS98011

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endosulfan I	ND	3.3	66	67	1.5	54	63	15.4	40 - 140	30
Endosulfan II	ND	3.3	70	71	1.4	57	67	16.1	40 - 140	30
Endosulfan sulfate	ND	3.3	69	70	1.4	56	67	17.9	40 - 140	30
Endrin	ND	3.3	68	69	1.5	56	65	14.9	40 - 140	30
Endrin aldehyde	ND	3.3	66	68	3.0	56	58	3.5	40 - 140	30
Endrin ketone	ND	3.3	70	66	5.9	52	64	20.7	40 - 140	30
g-BHC	ND	1.0	70	69	1.4	56	69	20.8	40 - 140	30
g-Chlordane	ND	3.3	62	63	1.6	58	67	14.4	40 - 140	30
Heptachlor	ND	3.3	66	66	0.0	55	58	5.3	40 - 140	30
Heptachlor epoxide	ND	3.3	62	73	16.3	52	61	15.9	40 - 140	30
Methoxychlor	ND	3.3	65	60	8.0	49	56	13.3	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	54	%	51	49	4.0	40	58	36.7	30 - 150	30
% DCBP (Confirmation)	58	%	56	54	3.6	44	50	12.8	30 - 150	30
% TCMX	64	%	62	61	1.6	50	62	21.4	30 - 150	30
% TCMX (Confirmation)	62	%	62	62	0.0	57	57	0.0	30 - 150	30

Comment:

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

QA/QC Batch 779342 (ug/kg), QC Sample No: CS98176 (CS98011)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	61	62	1.6	50	53	5.8	40 - 140	30
1,2,4,5-Tetrachlorobenzene	ND	230	57	60	5.1	43	52	18.9	40 - 140	30
1,2,4-Trichlorobenzene	ND	230	59	60	1.7	41	53	25.5	40 - 140	30
1,2-Dichlorobenzene	ND	180	59	61	3.3	45	53	16.3	40 - 140	30
1,2-Diphenylhydrazine	ND	230	64	66	3.1	53	55	3.7	40 - 140	30
1,3-Dichlorobenzene	ND	230	58	58	0.0	43	51	17.0	40 - 140	30
1,4-Dichlorobenzene	ND	230	58	58	0.0	43	49	13.0	40 - 140	30
2,2'-Oxybis(1-Chloropropane)	ND	230	50	52	3.9	39	45	14.3	40 - 140	30
2,4,5-Trichlorophenol	ND	230	65	68	4.5	54	59	8.8	40 - 140	30
2,4,6-Trichlorophenol	ND	130	62	67	7.8	53	54	1.9	30 - 130	30
2,4-Dichlorophenol	ND	130	60	63	4.9	45	55	20.0	30 - 130	30
2,4-Dimethylphenol	ND	230	60	65	8.0	45	53	16.3	30 - 130	30
2,4-Dinitrophenol	ND	230	69	72	4.3	55	61	10.3	30 - 130	30
2,4-Dinitrotoluene	ND	130	68	70	2.9	57	59	3.4	30 - 130	30
2,6-Dinitrotoluene	ND	130	70	73	4.2	62	62	0.0	40 - 140	30
2-Chloronaphthalene	ND	230	62	63	1.6	53	56	5.5	40 - 140	30
2-Chlorophenol	ND	230	61	63	3.2	49	53	7.8	30 - 130	30
2-Methylnaphthalene	ND	230	59	62	5.0	44	52	16.7	40 - 140	30
2-Methylphenol (o-cresol)	ND	230	70	74	5.6	57	61	6.8	40 - 140	30
2-Nitroaniline	ND	330	124	132	6.3	104	103	1.0	40 - 140	30
2-Nitrophenol	ND	230	62	65	4.7	45	58	25.2	40 - 140	30
3&4-Methylphenol (m&p-cresol)	ND	230	69	72	4.3	57	60	5.1	30 - 130	30
3,3'-Dichlorobenzidine	ND	130	75	79	5.2	63	65	3.1	40 - 140	30
3-Nitroaniline	ND	330	80	85	6.1	65	69	6.0	40 - 140	30
4,6-Dinitro-2-methylphenol	ND	230	73	77	5.3	60	62	3.3	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	62	66	6.3	54	55	1.8	40 - 140	30
4-Chloro-3-methylphenol	ND	230	64	69	7.5	51	57	11.1	30 - 130	30
4-Chloroaniline	ND	230	50	57	13.1	38	45	16.9	40 - 140	30
4-Chlorophenyl phenyl ether	ND	230	62	65	4.7	53	53	0.0	40 - 140	30
4-Nitroaniline	ND	230	68	71	4.3	58	60	3.4	40 - 140	30
4-Nitrophenol	ND	230	22	71	105.4	53	55	3.7	30 - 130	30

QA/QC Data

SDG I.D.: GCS98011

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acenaphthene	ND	230	63	64	1.6	54	56	3.6	30 - 130	30	
Acenaphthylene	ND	130	57	58	1.7	47	49	4.2	40 - 140	30	
Acetophenone	ND	230	58	60	3.4	47	51	8.2	40 - 140	30	
Aniline	ND	330	51	56	9.3	40	46	14.0	40 - 140	30	
Anthracene	ND	230	62	65	4.7	54	57	5.4	40 - 140	30	
Atrazine	ND	130	54	58	7.1	48	47	2.1	40 - 140	30	
Benz(a)anthracene	ND	230	63	67	6.2	56	57	1.8	40 - 140	30	
Benzaldehyde	ND	230	124	130	4.7	40	89	76.0	40 - 140	30	r
Benzidine	ND	330	60	74	20.9	36	35	2.8	40 - 140	30	m
Benzo(a)pyrene	ND	130	64	67	4.6	56	57	1.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160	65	69	6.0	56	58	3.5	40 - 140	30	
Benzo(ghi)perylene	ND	230	65	69	6.0	57	57	0.0	40 - 140	30	
Benzo(k)fluoranthene	ND	230	63	66	4.7	55	54	1.8	40 - 140	30	
Benzoic Acid	ND	670	76	80	5.1	49	56	13.3	30 - 130	30	
Benzyl butyl phthalate	ND	230	71	76	6.8	57	58	1.7	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	59	62	5.0	43	53	20.8	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	59	60	1.7	44	52	16.7	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	69	74	7.0	NC	NC	NC	40 - 140	30	
Caprolactam	ND	230	60	65	8.0	47	55	15.7	40 - 140	30	
Carbazole	ND	230	61	65	6.3	54	54	0.0	40 - 140	30	
Chrysene	ND	230	63	68	7.6	56	57	1.8	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	67	70	4.4	58	59	1.7	40 - 140	30	
Dibenzofuran	ND	230	63	65	3.1	54	55	1.8	40 - 140	30	
Diethyl phthalate	ND	230	67	69	2.9	57	58	1.7	40 - 140	30	
Dimethylphthalate	ND	230	63	65	3.1	55	56	1.8	40 - 140	30	
Di-n-butylphthalate	ND	670	71	76	6.8	60	63	4.9	40 - 140	30	
Di-n-octylphthalate	ND	230	74	80	7.8	64	66	3.1	40 - 140	30	
Fluoranthene	ND	230	63	67	6.2	56	56	0.0	40 - 140	30	
Fluorene	ND	230	65	66	1.5	56	57	1.8	40 - 140	30	
Hexachlorobenzene	ND	130	62	71	13.5	57	56	1.8	40 - 140	30	
Hexachlorobutadiene	ND	230	61	59	3.3	40	52	26.1	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	45	43	4.5	34	41	18.7	40 - 140	30	m
Hexachloroethane	ND	130	59	60	1.7	44	52	16.7	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	64	69	7.5	57	56	1.8	40 - 140	30	
Isophorone	ND	130	57	60	5.1	43	51	17.0	40 - 140	30	
Naphthalene	ND	230	64	65	1.6	44	57	25.7	40 - 140	30	
Nitrobenzene	ND	130	63	64	1.6	49	55	11.5	40 - 140	30	
N-Nitrosodimethylamine	ND	230	58	60	3.4	44	51	14.7	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	60	63	4.9	48	53	9.9	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	64	67	4.6	54	55	1.8	40 - 140	30	
Pentachloronitrobenzene	ND	230	62	66	6.3	53	56	5.5	40 - 140	30	
Pentachlorophenol	ND	230	58	63	8.3	45	50	10.5	30 - 130	30	
Phenanthrene	ND	130	62	65	4.7	54	57	5.4	40 - 140	30	
Phenol	ND	230	65	68	4.5	53	58	9.0	30 - 130	30	
Pyrene	ND	230	63	67	6.2	56	56	0.0	30 - 130	30	
Pyridine	ND	230	48	49	2.1	34	43	23.4	40 - 140	30	m
% 2,4,6-Tribromophenol	49	%	60	66	9.5	54	54	0.0	30 - 130	30	
% 2-Fluorobiphenyl	51	%	59	60	1.7	50	53	5.8	30 - 130	30	
% 2-Fluorophenol	46	%	57	60	5.1	44	51	14.7	30 - 130	30	
% Nitrobenzene-d5	49	%	57	60	5.1	46	51	10.3	30 - 130	30	
% Phenol-d5	47	%	55	58	5.3	47	50	6.2	30 - 130	30	
% Terphenyl-d14	49	%	57	62	8.4	51	51	0.0	30 - 130	30	

QA/QC Data

SDG I.D.: GCS98011

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 778240 (ug/kg), QC Sample No: CS98561 (CS98011)										
<u>Volatiles - Soil (Low Level)</u>										
1,1,1,2-Tetrachloroethane	ND	5.0	124	118	5.0	97	101	4.0	70 - 130	20
1,1,1-Trichloroethane	ND	5.0	109	108	0.9	92	97	5.3	70 - 130	20
1,1,2-Trichloroethane	ND	5.0	107	101	5.8	85	88	3.5	70 - 130	20
1,1-Dichloroethane	ND	5.0	104	103	1.0	90	91	1.1	70 - 130	20
1,1-Dichloroethene	ND	5.0	106	110	3.7	94	96	2.1	70 - 130	20
1,1-Dichloropropene	ND	5.0	111	107	3.7	91	94	3.2	70 - 130	20
1,2-Dibromoethane	ND	5.0	109	106	2.8	88	92	4.4	70 - 130	20
1,2-Dichloroethane	ND	5.0	114	111	2.7	90	92	2.2	70 - 130	20
1,2-Dichloropropane	ND	5.0	114	109	4.5	92	94	2.2	70 - 130	20
1,3-Dichloropropane	ND	5.0	108	106	1.9	89	92	3.3	70 - 130	20
1,4-dioxane	ND	100	103	101	2.0	100	91	9.4	70 - 130	20
2,2-Dichloropropane	ND	5.0	114	114	0.0	89	94	5.5	70 - 130	20
2-Hexanone	ND	25	99	95	4.1	76	84	10.0	70 - 130	20
4-Methyl-2-pentanone	ND	25	102	100	2.0	80	89	10.7	70 - 130	20
Acetone	ND	10	89	87	2.3	73	78	6.6	70 - 130	20
Acrolein	ND	25	96	98	2.1	48	55	13.6	70 - 130	20 m
Acrylonitrile	ND	5.0	94	93	1.1	78	83	6.2	70 - 130	20
Benzene	ND	1.0	109	105	3.7	88	91	3.4	70 - 130	20
Bromochloromethane	ND	5.0	101	98	3.0	84	90	6.9	70 - 130	20
Bromodichloromethane	ND	5.0	115	110	4.4	92	94	2.2	70 - 130	20
Bromoform	ND	5.0	119	114	4.3	89	95	6.5	70 - 130	20
Bromomethane	ND	5.0	107	107	0.0	95	93	2.1	70 - 130	20
Carbon Disulfide	ND	5.0	106	108	1.9	90	94	4.3	70 - 130	20
Carbon tetrachloride	ND	5.0	112	113	0.9	92	97	5.3	70 - 130	20
Chlorobenzene	ND	5.0	116	111	4.4	91	96	5.3	70 - 130	20
Chloroethane	ND	5.0	112	114	1.8	97	99	2.0	70 - 130	20
Chloroform	ND	5.0	101	101	0.0	87	88	1.1	70 - 130	20
Chloromethane	ND	5.0	107	106	0.9	94	96	2.1	70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	103	101	2.0	86	90	4.5	70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	119	114	4.3	88	92	4.4	70 - 130	20
Dibromochloromethane	ND	3.0	120	113	6.0	92	96	4.3	70 - 130	20
Dibromomethane	ND	5.0	114	111	2.7	88	92	4.4	70 - 130	20
Dichlorodifluoromethane	ND	5.0	130	131	0.8	108	111	2.7	70 - 130	20 l
Ethylbenzene	ND	1.0	113	108	4.5	92	98	6.3	70 - 130	20
m&p-Xylene	ND	2.0	110	106	3.7	89	94	5.5	70 - 130	20
Methyl ethyl ketone	ND	5.0	76	76	0.0	60	66	9.5	70 - 130	20 m
Methyl t-butyl ether (MTBE)	ND	1.0	120	115	4.3	89	103	14.6	70 - 130	20
Methylacetate	ND	5.0	98	98	0.0	95	103	8.1	70 - 130	20
Methylene chloride	ND	5.0	104	103	1.0	89	91	2.2	70 - 130	20
o-Xylene	ND	2.0	111	106	4.6	90	93	3.3	70 - 130	20
Styrene	ND	5.0	110	105	4.7	79	87	9.6	70 - 130	20
tert-butyl alcohol	ND	100	101	90	11.5	95	81	15.9	70 - 130	20
Tetrachloroethene	ND	5.0	113	110	2.7	89	93	4.4	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	93	94	1.1	79	85	7.3	70 - 130	20
Toluene	ND	1.0	105	102	2.9	83	87	4.7	70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	108	109	0.9	91	92	1.1	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	125	120	4.1	88	93	5.5	70 - 130	20

QA/QC Data

SDG I.D.: GCS98011

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichloroethene	ND	5.0	110	109	0.9	90	94	4.3	70 - 130	20
Trichlorofluoromethane	ND	5.0	113	115	1.8	99	101	2.0	70 - 130	20
Trichlorotrifluoroethane	ND	5.0	107	109	1.9	92	98	6.3	70 - 130	20
Vinyl chloride	ND	5.0	114	114	0.0	98	100	2.0	70 - 130	20
% 1,2-dichlorobenzene-d4	102	%	110	109	0.9	108	107	0.9	70 - 130	20
% Bromofluorobenzene	103	%	103	102	1.0	98	99	1.0	70 - 130	20
% Dibromofluoromethane	100	%	102	101	1.0	104	101	2.9	70 - 130	20
% Toluene-d8	94	%	105	105	0.0	103	103	0.0	70 - 130	20

Comment:

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

QA/QC Batch 778527H (ug/kg), QC Sample No: CS99679 50X (CS98011 (50X))

Volatiles - Soil (High Level)

1,1,2,2-Tetrachloroethane	ND	250	88	90	2.2	88	98	10.8	70 - 130	20
1,2,3-Trichlorobenzene	ND	250	105	104	1.0	97	110	12.6	70 - 130	20
1,2,3-Trichloropropane	ND	250	86	84	2.4	85	94	10.1	70 - 130	20
1,2,4-Trichlorobenzene	ND	250	105	105	0.0	95	106	10.9	70 - 130	20
1,2,4-Trimethylbenzene	ND	250	101	103	2.0	100	105	4.9	70 - 130	20
1,2-Dibromo-3-chloropropane	ND	250	84	83	1.2	78	90	14.3	70 - 130	20
1,2-Dichlorobenzene	ND	250	100	101	1.0	99	109	9.6	70 - 130	20
1,3,5-Trimethylbenzene	ND	250	101	101	0.0	99	105	5.9	70 - 130	20
1,3-Dichlorobenzene	ND	250	98	100	2.0	96	105	9.0	70 - 130	20
1,4-Dichlorobenzene	ND	250	100	99	1.0	97	104	7.0	70 - 130	20
2-Chlorotoluene	ND	250	100	100	0.0	100	107	6.8	70 - 130	20
2-Isopropyltoluene	ND	250	104	106	1.9	104	111	6.5	70 - 130	20
4-Chlorotoluene	ND	250	100	102	2.0	97	105	7.9	70 - 130	20
Bromobenzene	ND	250	100	103	3.0	101	109	7.6	70 - 130	20
Hexachlorobutadiene	ND	250	113	112	0.9	101	113	11.2	70 - 130	20
Isopropylbenzene	ND	250	100	104	3.9	100	106	5.8	70 - 130	20
Naphthalene	ND	250	100	100	0.0	99	111	11.4	70 - 130	20
n-Butylbenzene	ND	250	109	111	1.8	106	113	6.4	70 - 130	20
n-Propylbenzene	ND	250	103	105	1.9	102	108	5.7	70 - 130	20
p-Isopropyltoluene	ND	250	102	105	2.9	101	106	4.8	70 - 130	20
sec-Butylbenzene	ND	250	102	105	2.9	102	108	5.7	70 - 130	20
tert-Butylbenzene	ND	250	102	104	1.9	99	107	7.8	70 - 130	20
trans-1,4-dichloro-2-butene	ND	250	90	88	2.2	78	91	15.4	70 - 130	20
% 1,2-dichlorobenzene-d4	94	%	102	104	1.9	100	102	2.0	70 - 130	20
% Bromofluorobenzene	103	%	100	100	0.0	103	99	4.0	70 - 130	20
% Dibromofluoromethane	91	%	91	97	6.4	93	97	4.2	70 - 130	20
% Toluene-d8	91	%	102	103	1.0	100	103	3.0	70 - 130	20

Comment:

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

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

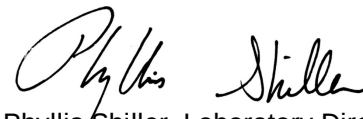
QA/QC Data

SDG I.D.: GCS98011

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

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

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


Phyllis Shiller, Laboratory Director
April 18, 2025

Friday, April 18, 2025

Criteria: NY: 375GWP, 375RS
State: NY

Sample Criteria Exceedances Report
GCS98011 - TAYLORD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

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



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



Analysis Comments

April 18, 2025

SDG I.D.: GCS98011

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM06 04/14/25-2: CS98011

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.

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.073 (0.1)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.078 (0.1)

The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM18 04/05/25-1: CS98011

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 29% (20%), Methyl Ethyl Ketone 40% (20%), trans-1,3-Dichloropropene 21% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Bromoform 0.096 (0.1)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Methyl Ethyl Ketone 26%L (20%)

The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM18 04/08/25-1: CS98011

The following Initial Calibration compounds did not meet RSD% criteria: trans-1,4-dichloro-2-butene 23% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.



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NY Temperature Narration

April 18, 2025

SDG I.D.: GCS98011

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

