APPENDIX M

IMPORTED BACKFILL SOURCE FACILITY DOCUMENTATION AND CHEMICAL ANALYTICAL RESULTS

Willets Point Development
Triangle Parcel Open Space

38-27 126th STREET
QUEENS, NEW YORK 11368

Langan No. 170197645
BCP Site No. C241146E

IMPORT MATERIAL PACKAGE

Material Type ASTM #57 Stone

Source Facility Callanan Industries, Inc.
Bridgeville Quarry
Sullivan Road
South of NYS Route 17
Thompson, New York

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 4,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

The material meets the requirements of DER-10 5.4(e)5. No testing is required.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

NA

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Callanan Industries, Inc. - Bridgeville Quarry

Location where fill was obtained:

Sullivan Road south of NYS Route 17

Identification of any state or local approvals as a fill source:

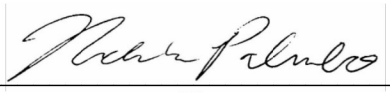
NYSDEC Mined Land Reclamation Permit No. 3-4846-00007/00003

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source Facility Letter
Coarse Aggregate Analysis
ASTM #57 Blend Sieve Analysis
NYSDEC Correspondence Re: Mine Permit Status
Mine Plan Map and Operations Update
NYS Mined Land Reclamation Database Listing

The information provided on this form is accurate and complete.



Signature

July 18, 2025

Date

Nicholas Palumbo

Print Name

Langan - Engineering

Firm

July 8, 2025

Triumph Construction Corp
1354 Seneca Avenue
Bronx, NY 10474

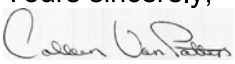
Attn: Jairo Galarza-Granda
RE: Willets Point
Queens
Updated from submittal dated April 18, 2024

Dear Jairo:

As it is produced by our Bridgeville source, a blend of NYSDOT #1 Crushed Stone & NYSDOT #2 Crushed Stone (also known as ASTM #57 Stone) is manufactured to meet New York State Department of Transportation Standard Specifications.

Our Bridgeville source (9-37R) was approved by the NYSDOT under test number 24AR027 and that test result indicating source quality is attached. Also attached, please find a typical gradation for a blend of NYSDOT #1 Crushed Stone & NYSDOT #2 Crushed Stone (also known as ASTM #57 Stone).

Yours sincerely,



Colleen VanPatten
QC Technician
Quality Control Department

T + 1 (518) 374 2222
E cvanpatten@callanan.com

NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

Source
9-37R
Callanan Industries Inc.
Bridgeville, NY

Sample/Test
Sample Date: 05/06/2024
Test No.: 24AR027
LRN: SM24013376
Smpl ID: mhiggins2456134935

**** Privileged and Confidential ****

Test results represent this sample only. They may not be appropriate for designing mixes. When designing mixes, follow procedures in appropriate Materials Method.

Material meets specifications for §703-02, Coarse Aggregate. Consult pavement friction requirements for intended use.

Sample Remarks: Submitted for % deleterious material (shale) determination.

Stone Size	DOT 1	
Sieve Size	**% Retained**	**% Passing**
1.5 in. (37.5 mm)	0	100.0
1 in. (25 mm)	0	100.0
3/4 in. (19 mm)	0.3	99.7
1/2 in. (12.5 mm)	12.3	87.4
3/8 in. (9.5 mm)	46.6	40.8
1/4 in. (6.3 mm)	35.9	4.9
No. 4 (4.75 mm)	2.2	2.7
Pan	2.6	0

Run	Specific Gravity	
1	Bulk SSD	2.704
1	Bulk	2.682
1	Apparent	2.743
1	Absorption (%)	0.8

25 Cycle 3% Brine Freeze Thaw	
Loss #1 (%)	4.5

Max Loss ≤ 20% on #2 stone.
*Max Loss ≤ 25% on #1 Stone.**

In accordance with Materials Method 29, only aggregate sources with a current and accepted biennial test and Geologic Source Report will appear on the NYSDOT Approved List
*For detailed specifications, see https://www.dot.ny.gov/main/business-center/engineering/specifications

NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

Source
9-37R
Callanan Industries Inc.
Bridgeville, NY

Sample/Test
Sample Date: 05/06/2024
Test No.: 24AR027
LRN: SM24013376
Smpl ID: mhiggins2456134935

**** Privileged and Confidential ****

Petrographic Results*	
Stone Size No.	1
Noncarbonate (%)	100.0
Deleterious Material	Within Limit

Rock Type Description	%
Graywacke	88.6
Shale (deleterious)	2.1
Shale (red, deleterious)	0.7
Siltstone	4.4
Graywacke (weathered)	4.2

Petrographic Results*	
Stone Size No.	2
Noncarbonate (%)	100.0
Deleterious Material	Within Limit

Rock Type Description	%
Graywacke	88.5
Shale (deleterious)	1.4
Siltstone	2.2
Graywacke (iron-stained)	6.3
Graywacke (weathered)	1.6

Source Confirmation	
Stone Size No.	1
Source Confirmation	Matches Reference
Stone Size No.	2
Source Confirmation	Matches Reference

In accordance with Materials Method 29, only aggregate sources with a current and accepted biennial test and Geologic Source Report will appear on the NYSDOT Approved List
*For detailed specifications, see https://www.dot.ny.gov/main/business-center/engineering/specifications

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

Plant: Bridgeville Aggregate

Date Created: 04/02/2025

Date Modified: 07/08/2025

Name: Bridgeville blend of nysdot 1 and 2 with ASTM 57 s

Description:

Sieve/Test	Spec	Result	NYSDOT #1 Crushed	NYSDOT #2 Crushed
Bin				
Price		0	0	0
% Product		100	50	50
TPH		0	0	0
% Gate			0	0
1 1/2" (37.5mm)	100-100	100.0	100.0	100.0
1" (25mm)	95-100	98.4	100.0	96.8
3/4" (19mm)		90.4	100.0	80.8
1/2" (12.5mm)	25-60	56.2	94.5	17.9
3/8" (9.5mm)		27.2	48.2	6.1
1/4" (6.3mm)		4.6	4.9	4.2
#4 (4.75mm)	0-10	3.0	2.1	3.8
1/8" (3.17mm)		2.5	1.7	3.3
#8 (2.36mm)	0-5	2.3	1.6	3.0

Outlook

RE: [EXT] #1 & #2 Crushed Stone Submittal

From Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Date Tue 7/8/2025 2:58 PM
To Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Cc George Mathews <gmathews@triumphconstructionny.com>

1 attachment (324 KB)
7-8-2025 triumph WPB ASTM57 Bridgeville.pdf;

Jairo, please see the attached updated submittal. Please note that our Biennial Certification has been updated as of July of last year. Also as for your question on the Fine Stone Fill material, this is still produced in the same manner. It usually runs a 2-5" crushed stone.

As far as the mining permit, we still continue to operate under the same permit number as previously supplied, as per NYSDEC's certification. Our Biennial is proof that the state still recognizes our source approval 9-37R.

It was good talking to you as always and please feel free to reach out if you have any questions or should need anything else.

Best regards,

Matt Swendsen
Sales Representative, Bridgeville-Maybrook

Callanan Industries, Inc.
A CRH COMPANY
PO BOX 15097
Albany, NY 12212-5097

T +1 (845) 794-7744 Ext. 72359
C +1 (518) 573-2562
E matthew.swendsen@callanan.com

www.callanan.com

From: Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Sent: Tuesday, July 8, 2025 10:04 AM
To: Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Cc: George Mathews <gmathews@triumphconstructionny.com>
Subject: Re: [EXT] #1 & #2 Crushed Stone Submittal

From:	Swendsen, Matthew (Callanan Industries)
To:	Jairo Galarza-Granda
Subject:	FW: [EXT] RE: Bridgeville Permit For Customer Needs
Date:	Tuesday, December 5, 2023 11:40:16 AM
Attachments:	image001.png

Jairo, We were able to get an email response back from Ryan at the DEC, hopefully this should be sufficient. Let me know if you need anything else.

Thank you,

Matt Swendsen
Sales Representative, Bridgeville-Maybrook

Callanan Industries, Inc.
A CRH COMPANY
PO BOX 15097
Albany, NY 12212-5097

T +1 (845) 794-7744 Ext. 72359
C +1 (518) 573-2562
E matthew.swendsen@callanan.com

www.callanan.com

From: LaDuke, Ryan M (DEC) <Ryan.Laduke@dec.ny.gov>
Sent: Tuesday, December 5, 2023 10:46 AM
To: Onuskanych, Evan (Callanan Industries) <evan.onuskanych@callanan.com>
Cc: Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Subject: [EXT] RE: Bridgeville Permit For Customer Needs

You don't often get email from ryan.laduke@dec.ny.gov. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and know the contents are safe. If you believe this email may be phishing or malicious, please use the Report Phish button.

Hey Evan,

Callanan Industries, Inc.'s Bridgeville Quarry (Mined ID 30005, Facility ID 3-4846-00007) is permitted to operate under the previously issued MLR permit (2009) via the State Administrative Procedures Act (SAPA), while DEC processes the pending permit renewal application.

Regards,

Ryan LaDuke
Regional Mined Land Reclamation Specialist, Region 3 Division of Mineral Resources

New York State Department of Environmental Conservation
21 South Putt Corners Road, New Paltz, NY 12561
P: (845) 256-3826 | F: (845) 255-4659 | ryan.laduke@dec.ny.gov
www.dec.ny.gov |



ATTENTION: Ce courriel vient de l'exterieur de l'entreprise. Ne cliquez pas sur les liens, et n'ouvrez pas les pièces jointes, à moins que vous ne connaissiez l'expéditeur du courriel et savez que le contenu est sécuritaire. Si vous pensez qu'il s'agit d'un courriel d'hameçonnage ou malveillant, veuillez cliquer sur le bouton Signaler une tentative d'hameçonnage.

SPECIAL CONDITIONS

For Article 23 (Mined Land Reclamation)

B. Calcium chloride must not be stored outdoors without an impermeable cover. Storage must be on an impermeable surface such as paved asphalt or appropriately treated concrete of sufficient thickness to avoid exfiltration.

C. Calcium chloride should not be applied when the U.S. Weather Service forecasts a likelihood of precipitation within the next 36 hours.

D. For maximum effectiveness of the application and to minimize further runoff impacts:

If calcium chloride is applied dry or if, during dry periods, crystals are seen on the road surface, the road should be wetted sufficiently to dissolve the calcium chloride. Wetting should be limited to an amount which will sufficiently cause the calcium chloride to penetrate the road, but not to the point of causing any runoff from the road surface.

8. The permittee shall maintain the existing stormwater management system in good order with no alterations made without first submitting a modification request to the Department.

9. The permittee shall submit a written annual report to the Region 3 Mined Land Reclamation Specialist during the month of December for each year of the permit term. The annual report must identify the number of acres mined and the number of acres reclaimed during the report year. Operational problems, complaints and the overall status of the project should be included in the report.

10. Reclamation shall be undertaken sequentially as the mining area expands. Such reclamation shall conform with the standards contained in the regulations (6NYCRR Parts 420-425) which govern the Mined Land Reclamation program.

11. The standard for approvable reclamation in all mined areas shall be as specified in 6 NYCRR Part 422.3.

STATE ENVIRONMENTAL QUALITY REVIEW

Under the State Environmental Quality Review Act (SEQR), the Department has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

Distribution:
R. Martin
Town of Thompson Supervisor (Certified Mail #7002 2410 0005 5639 8136)
Spectra Env. Group

DEC PERMIT NUMBER		
3-4846-00007/00003		
FACILITY ID NUMBER	PROGRAM NUMBER	Page 4 of 4
MLR #3053-31-0005		

Let me know if you need anything else.

Thank you,

Matt Swendsen

MINE PLAN MAP AND OPERATIONS UPDATE

CALLANAN INDUSTRIES, INC. - BRIDGEVILLE QUARRY. THOMPSON, NEW YORK

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
PERMIT # 3-4846-00007/00003
MLF # 3053-31-0005
MINE ID # 30005

Prepared for:
Callanan Industries, Inc.
P.O. Box 15097
Albany, New York 12212-5097

Prepared by:
JMT of New York, Inc.
19 British American Boulevard
Latham, New York 12110

Submitted: August 2022

Project No. 21-00211-001

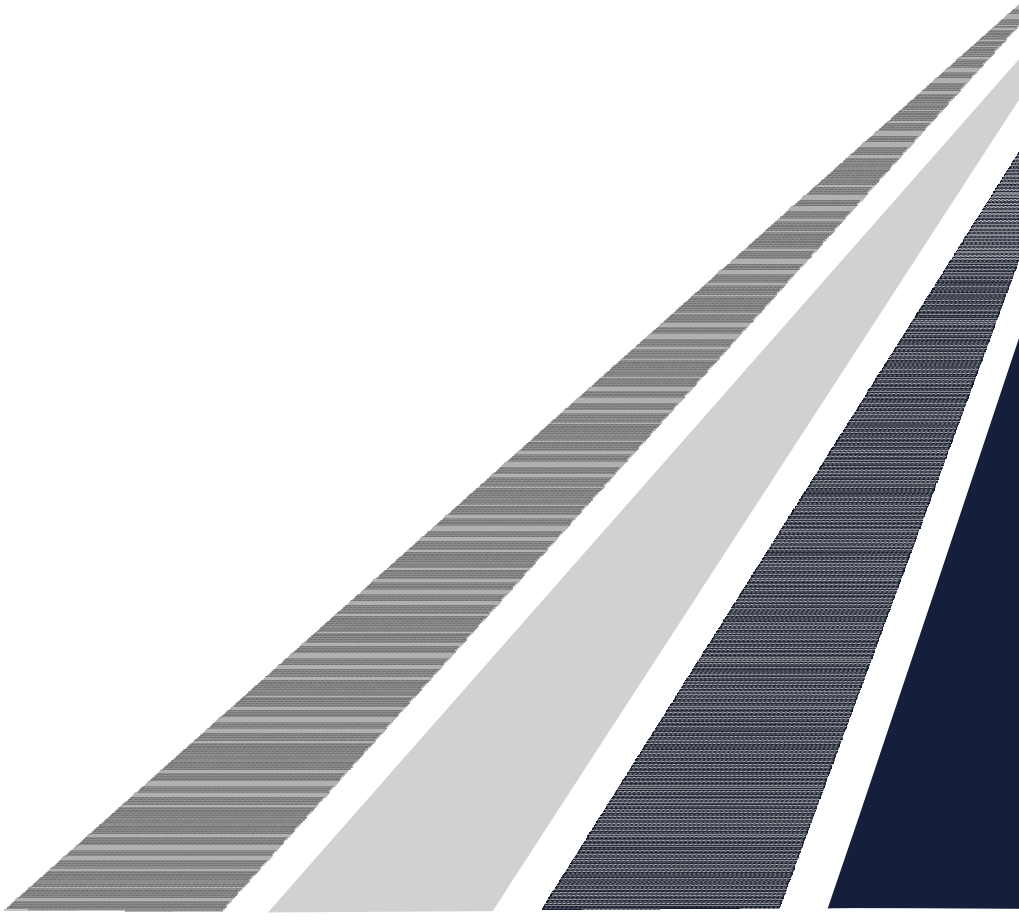


TABLE OF CONTENTS

1.0 INTRODUCTION.....1

2.0 MINING PLAN.....1

2.1 MAPPING UPDATES 1

2.2 CONTINUED MINE PHASING.....1

3.0 RECLAMATION PLAN.....1

SHEETS

MINE PLAN MAP 1 OF 2
MINE PLAN MAP 2 OF 2

1.0 INTRODUCTION

This report constitutes an update for Mined Land Reclamation Permit (#3-4846-00007/00003) for the Callanan Industries, Inc. – Bridgeville Quarry (MLF #3005), located in the town of Thompson, Sullivan County, New York. This submittal reflects current operations as of August 2022, inclusive of any updates since the previous Application for Renewal of Mining Permit submittal of April 19, 2016.

2.0 MINING PLAN

Callanan plans to continue operations at Bridgeville Quarry consistent with the previously approved Mining Plans. Like all mining sites, product demand controls the quantity of materials mined in a given season. Callanan plans to operate Bridgeville Quarry as the demand for construction materials dictate. There will be no additional affected acreage during the current permit term. Methods of operation will remain consistent with the previously approved mining plan.

2.1 MAPPING UPDATES

During April 2006 Callanan had an aerial photogrammetric survey of the site completed. Additionally, mine face configurations are regularly updated with conventional survey methods, the most recent of which was completed on August 12, 2022. The attached Mine Plan Map includes the most up-to-date photogrammetric and conventionally surveyed topographic data, site infrastructure and equipment, and affected area boundary representations. As a result of the mapping updates, the Mine Plan Map represents a more accurate depiction of the mine site than previous submissions, with site acreages revised accordingly.

2.2 CONTINUED MINE PHASING

For the current permit term, Callanan plans to utilize methods consistent with current mining practices excavate material located in the western portion of the currently permitted area and in the southern end of the quarry. The overburden storage berm located along the river will remain in place as mining advances, to minimize noise and visual impacts.

3.0 RECLAMATION PLAN

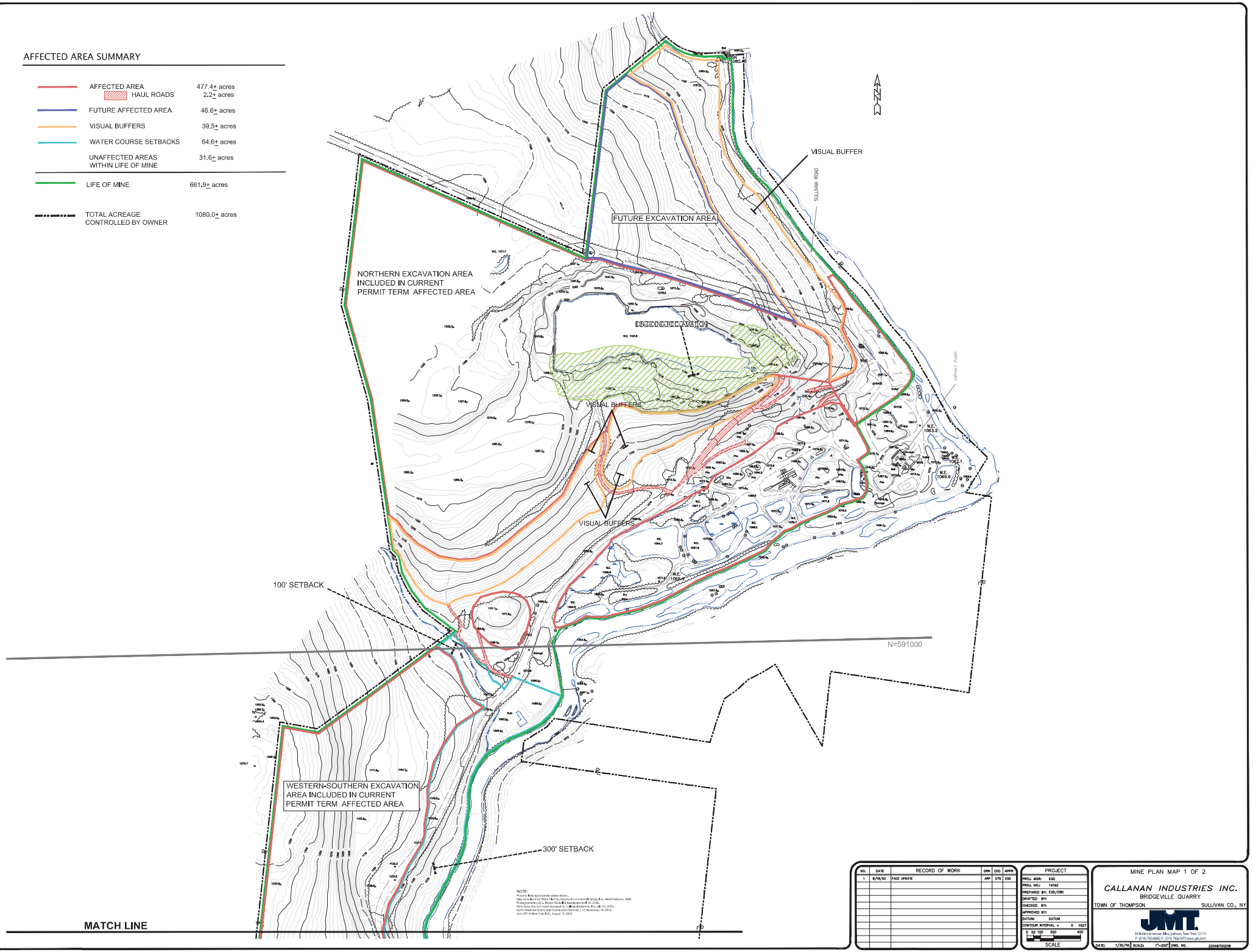
To the extent practicable, Callanan practices concurrent reclamation at the Bridgeville Mine Site. Efforts to reclaim areas that have reached final grade will continue. Additionally, the portion of

the mine site labeled “Eastern Excavation Area” on the attached Mine Plan Map, which totals approximately 40.85 acres, is undergoing reclamation and pending NYSDEC approval.

SHEETS

AFFECTED AREA SUMMARY

AFFECTED AREA		477.4± acres
	HAUL ROADS	2.2± acres
FUTURE AFFECTED AREA		46.6± acres
VISUAL BUFFERS		39.5± acres
WATER COURSE SETBACKS		64.6± acres
UNAFFECTED AREAS WITHIN LIFE OF MINE		31.6± acres
LIFE OF MINE		661.9± acres
TOTAL ACREAGE CONTROLLED BY OWNER		1080.0± acres



NOTE:
Property lines approximate where shown.
Map compiled from "Area Plan" by Questa Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 16, 2020.
Mine faces (toe and crest) surveyed by Callanan Industries, Inc., July 20, 2020.
Mine faces (toe and crest) surveyed by Callanan Industries, LLC November 10, 2014.
and JMT of New York, PLLC August 12, 2022.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/18/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/DBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 1 OF 2

CALLANAN INDUSTRIES INC.

BRIDGEVILLE QUARRY

TOWN OF THOMPSON SULLIVAN CO., NY

JMT
19 British American Blvd, Latham, New York 12110
P: (518) 783-4800 F: (518) 785-3173 www.jmt.com

DATE: 1/30/18 SCALE: 1"=200' DWG. NO. 220487002IB



NOTE:
Property lines approximate where shown.
Map compiled from Yahoo Maps by Stearns Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 16, 2006.
Mine faces (top and crest) surveyed by Callanan Industries, Inc., July 22, 2009.
North American Quarry and Construction Services, LLC November 15, 2014.
and JMT of New York, PC, August 12, 2022

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/16/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/CBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 2 OF 2

CALLANAN INDUSTRIES INC.
BRIDGEVILLE QUARRY
TOWN OF THOMPSON SULLIVAN CO., NY

JMT
19 British American Blvd, Latham, New York 12110
P: (518) 785-0832 F: (518) 785-0927 | www.jmt.com

DATE: 1/30/18 SCALE: 1"=200' DWG. NO. 220483002IB

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Search Parameters:[Go Back]

- Permittee Name like callanan AND
- Mine Name like bridgeville

Export XLS | Export CSV | Export KML

Record Count: 1 Rows: 1 to 1

Mine ID	Permittee Name	Mine Name	First Name	Last Name	Address 1	Address 2	City	State	Zip 1	Zip 2	Phone	Status	Mine Location	County	Town	Current Permit Acres	Acres Life of Mine	Acres Reclaimed	Commodity	Last Permit Expires	First Permit Date	Last Permit Issued	Last Inspection Date	General Inspections	Latitude	Longitude	Reclamation Type	Reclamation Inspections	Financial Security	Regulatory Acreage Range	Underground Acres	Last Modified Date
30005	Callanan Industries Inc	Bridgeville	Daniel	Broomhall	PO Box 15097		Albany	NY	12212	5097	(518) 374-2222	Permitted	Sullivan Rd. South Of Nys Rte 17 View Map	Sullivan	Thompson	480.00	662.00	0.00	Sandstone	09/17/2009	04/12/1978	07/01/2009	05/07/2024	Inspection Record	41.62739	74.6168	Meadow / Grass Land		$3,548,893.00	> 30 acres	No	11/10/2014

Record Count: 1 Rows: 1 to 1

Export XLS | Export CSV | Export KML

Outlook

RE: Willets (C241146E) - Material Import Request - ASTM #57 Stone

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Mon 7/21/2025 1:08 PM
To PJ Dinardo <pdinardo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>

PJ,
The Department has reviewed the request dated July 18, 2025 to import approximately 4,000 cubic yards of crushed stone from Callanan Industries Inc – Bridgeville Quarry (Permit No. 30005) located at Sullivan Road South of NYS Route 17 in New York. The material will be used for the platform fill and R-Tank, drainage, and SWPPP measures above the groundwater table. Based on the information provided, the request is hereby approved.
The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, the material may be used above or below the demarcation layer.
Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions please contact me.

Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/wendizhengdecnygov

---

From: PJ Dinardo <pdinardo@langan.com>
Sent: Friday, July 18, 2025 1:11 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>
Subject: Willets (C241146E) - Material Import Request - ASTM #57 Stone

You don't often get email from pdinardo@langan.com. Learn why this is important

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

Please see the import request package linked below for 4,000 cubic yards of ASTM #57 stone from Callanan Industries, Inc. – Bridgeville Quarry (Permit No. 3-4846-00007/00003) located at Sullivan Road South of NYS Route 17 in New York. The contractor plans to use this material for platform fill and R-Tank, drainage, and SWPPP measures at the Willets Point Development Triangle Parcel Open Space

BCP Site (C241146E). Please let us know if you take exception to the import and placement of the described material.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=392086334

Name	Type	Size
Request to Import_Callanan - Bridgeville_ASTM #57 Stone_07.18.2025	.pdf	9.00 MB

Thanks,

PJ DiNardo
Senior Staff Engineer

LANGAN

Direct: 917.594.1565
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
368 Ninth Avenue
8th Floor
New York, NY 10001-2727
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

Willets Point Development
Triangle Parcel Open Space

38-27 126th STREET
QUEENS, NEW YORK 11368

Langan No. 170197645
BCP Site No. C241146E

IMPORT MATERIAL PACKAGE

Material Type	Fine Stone Fill (2 to 5-inch Crushed Stone)
Source Facility	Callanan Industries, Inc. Bridgeville Quarry Sullivan Road South of NYS Route 17 Thompson, New York

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 800-1000

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

The material meets the requirements of DER-10 5.4(e)5. No testing is required.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

NA

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Callanan Industries, Inc. - Bridgeville Quarry

Location where fill was obtained:

Sullivan Road south of NYS Route 17

Identification of any state or local approvals as a fill source:

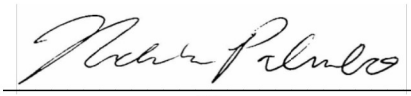
NYSDEC Mined Land Reclamation Permit No. 3-4846-00007/00003

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Sieve Analysis
NYSDEC Correspondence Re: Mine Permit Status
Mine Plan Map and Operations Update
NYS Mined Land Reclamation Database Listing

The information provided on this form is accurate and complete.



Signature

July 18, 2025

Date

Nicholas Palumbo

Print Name

Langan Engineering

Firm

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

Quality Test Report

Plant 001_00170-Bridgeville Aggregate
Product Fine Stone Fill-FSF
Specification

892718970

Sample Information

Sample No 892718970
Date Sampled 01/18/2024 07:37
Sampled By Patrick Chamberlain
Type Stockpile
Method Loader Bucket
Weather Snow
Temp 10

Split Sample ☐
Resample ☐

Test Note
Commercial Surge Stockpile

Gradation Results

Date Completed 01/18/2024 07:37
Tested By Patrick Chamberlain

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		38193.70				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
6" (150mm)	0.00	0.00	0.0	0.0	100.0			
5" (125mm)	0.00	0.00	0.0	0.0	100.0			
4" (100mm)	6824.60	6824.60	17.9	17.9	82.1			
3" (75mm)	26863.30	33687.90	70.3	88.2	11.8			
2 1/2" (63mm)	2402.80	36090.70	6.3	94.5	5.5			
2" (50mm)	1935.60	38026.30	5.1	99.6	0.4			
1 1/2" (37.5mm)	0.00	38026.30	0.0	99.6	0.4			
1" (25mm)	0.00	38026.30	0.0	99.6	0.4			
#10 (2mm)	109.10	38135.41	0.3	99.8	0.2			
Pan	58.30	38193.71	0.15	100.00	0.00			

Other Test Results

Test Name	Date	Result	Unit	Target	Specification	Comment
	Procedure	Lab			Tested By	
Grad Loss	01/18/2024 07:37	0.000	%			
		Bridgeville Aggregate			Patrick Chamberlain	

SPECIAL CONDITIONS

For Article 23 (Mined Land Reclamation)

B. Calcium chloride must not be stored outdoors without an impermeable cover. Storage must be on an impermeable surface such as paved asphalt or appropriately treated concrete of sufficient thickness to avoid exfiltration.

C. Calcium chloride should not be applied when the U.S. Weather Service forecasts a likelihood of precipitation within the next 36 hours.

D. For maximum effectiveness of the application and to minimize further runoff impacts:

If calcium chloride is applied dry or if, during dry periods, crystals are seen on the road surface, the road should be wetted sufficiently to dissolve the calcium chloride. Wetting should be limited to an amount which will sufficiently cause the calcium chloride to penetrate the road, but not to the point of causing any runoff from the road surface.

8. The permittee shall maintain the existing stormwater management system in good order with no alterations made without first submitting a modification request to the Department.

9. The permittee shall submit a written annual report to the Region 3 Mined Land Reclamation Specialist during the month of December for each year of the permit term. The annual report must identify the number of acres mined and the number of acres reclaimed during the report year. Operational problems, complaints and the overall status of the project should be included in the report.

10. Reclamation shall be undertaken sequentially as the mining area expands. Such reclamation shall conform with the standards contained in the regulations (6NYCRR Parts 420-425) which govern the Mined Land Reclamation program.

11. The standard for approvable reclamation in all mined areas shall be as specified in 6 NYCRR Part 422.3.

STATE ENVIRONMENTAL QUALITY REVIEW

Under the State Environmental Quality Review Act (SEQR), the Department has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

Distribution:
R. Martin
Town of Thompson Supervisor (Certified Mail #7002 2410 0005 5639 8136)
Spectra Env. Group

DEC PERMIT NUMBER		
3-4846-00007/00003		
FACILITY ID NUMBER	PROGRAM NUMBER	Page 4 of 4
MLR #3053-31-0005		

Let me know if you need anything else.

Thank you,

Matt Swendsen

Outlook

RE: [EXT] #1 & #2 Crushed Stone Submittal

From Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Date Tue 7/8/2025 2:58 PM
To Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Cc George Mathews <gmathews@triumphconstructionny.com>

1 attachment (324 KB)
7-8-2025 triumph WPB ASTM57 Bridgeville.pdf;

Jairo, please see the attached updated submittal. Please note that our Biennial Certification has been updated as of July of last year. Also as for your question on the Fine Stone Fill material, this is still produced in the same manner. It usually runs a 2-5" crushed stone.

As far as the mining permit, we still continue to operate under the same permit number as previously supplied, as per NYSDEC's certification. Our Biennial is proof that the state still recognizes our source approval 9-37R.

It was good talking to you as always and please feel free to reach out if you have any questions or should need anything else.

Best regards,

Matt Swendsen
Sales Representative, Bridgeville-Maybrook

Callanan Industries, Inc.
A CRH COMPANY
PO BOX 15097
Albany, NY 12212-5097

T +1 (845) 794-7744 Ext. 72359
C **+1 (518) 573-2562**
E matthew.swendsen@callanan.com

www.callanan.com

From: Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Sent: Tuesday, July 8, 2025 10:04 AM
To: Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Cc: George Mathews <gmathews@triumphconstructionny.com>
Subject: Re: [EXT] #1 & #2 Crushed Stone Submittal

MINE PLAN MAP AND OPERATIONS UPDATE

CALLANAN INDUSTRIES, INC. - BRIDGEVILLE QUARRY. THOMPSON, NEW YORK

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
PERMIT # 3-4846-00007/00003
MLF # 3053-31-0005
MINE ID # 30005

Prepared for:
Callanan Industries, Inc.
P.O. Box 15097
Albany, New York 12212-5097

Prepared by:
JMT of New York, Inc.
19 British American Boulevard
Latham, New York 12110

Submitted: August 2022

Project No. 21-00211-001

TABLE OF CONTENTS

1.0 INTRODUCTION.....1

2.0 MINING PLAN.....1

2.1 MAPPING UPDATES 1

2.2 CONTINUED MINE PHASING.....1

3.0 RECLAMATION PLAN.....1

SHEETS

MINE PLAN MAP 1 OF 2
MINE PLAN MAP 2 OF 2

1.0 INTRODUCTION

This report constitutes an update for Mined Land Reclamation Permit (#3-4846-00007/00003) for the Callanan Industries, Inc. – Bridgeville Quarry (MLF #3005), located in the town of Thompson, Sullivan County, New York. This submittal reflects current operations as of August 2022, inclusive of any updates since the previous Application for Renewal of Mining Permit submittal of April 19, 2016.

2.0 MINING PLAN

Callanan plans to continue operations at Bridgeville Quarry consistent with the previously approved Mining Plans. Like all mining sites, product demand controls the quantity of materials mined in a given season. Callanan plans to operate Bridgeville Quarry as the demand for construction materials dictate. There will be no additional affected acreage during the current permit term. Methods of operation will remain consistent with the previously approved mining plan.

2.1 MAPPING UPDATES

During April 2006 Callanan had an aerial photogrammetric survey of the site completed. Additionally, mine face configurations are regularly updated with conventional survey methods, the most recent of which was completed on August 12, 2022. The attached Mine Plan Map includes the most up-to-date photogrammetric and conventionally surveyed topographic data, site infrastructure and equipment, and affected area boundary representations. As a result of the mapping updates, the Mine Plan Map represents a more accurate depiction of the mine site than previous submissions, with site acreages revised accordingly.

2.2 CONTINUED MINE PHASING

For the current permit term, Callanan plans to utilize methods consistent with current mining practices excavate material located in the western portion of the currently permitted area and in the southern end of the quarry. The overburden storage berm located along the river will remain in place as mining advances, to minimize noise and visual impacts.

3.0 RECLAMATION PLAN

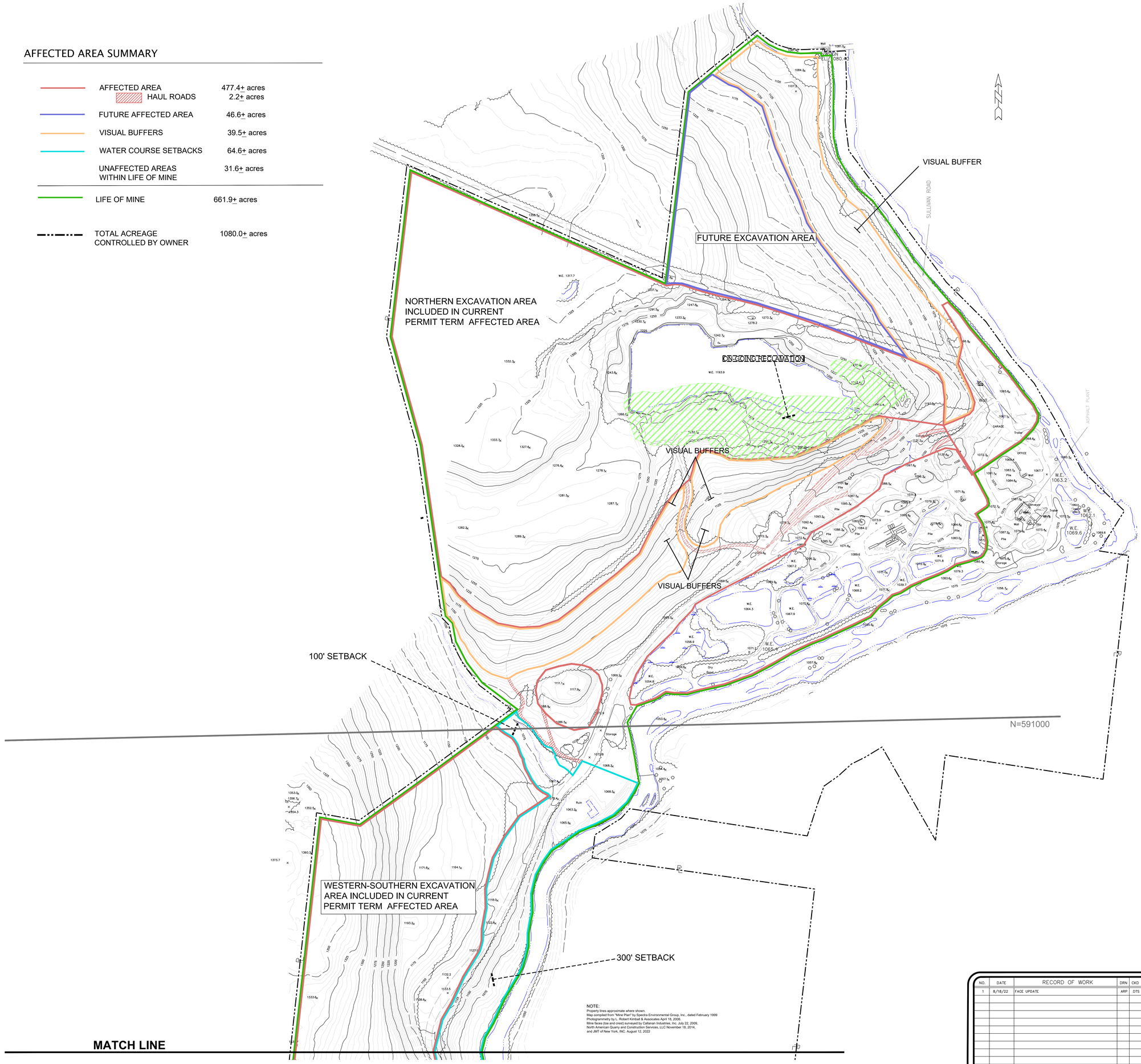
To the extent practicable, Callanan practices concurrent reclamation at the Bridgeville Mine Site. Efforts to reclaim areas that have reached final grade will continue. Additionally, the portion of

the mine site labeled “Eastern Excavation Area” on the attached Mine Plan Map, which totals approximately 40.85 acres, is undergoing reclamation and pending NYSDEC approval.

SHEETS

AFFECTED AREA SUMMARY

	AFFECTED AREA	477.4± acres
	HAUL ROADS	2.2± acres
	FUTURE AFFECTED AREA	46.6± acres
	VISUAL BUFFERS	39.5± acres
	WATER COURSE SETBACKS	64.6± acres
	UNAFFECTED AREAS WITHIN LIFE OF MINE	31.6± acres
	LIFE OF MINE	661.9± acres
	TOTAL ACREAGE CONTROLLED BY OWNER	1080.0± acres



NOTE:
Property lines approximate where shown.
Map compiled from "Mine Plan" by Spectra Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 18, 2006.
Mine faces (toe and crest) surveyed by Callanan Industries, Inc. July 22, 2009,
North American Quarry and Construction Services, LLC November 18, 2014,
and JMT of New York, INC. August 12, 2022

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/18/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/CBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 1 OF 2

CALLANAN INDUSTRIES INC.

BRIDGEVILLE QUARRY

TOWN OF THOMPSON SULLIVAN CO., NY

19 British American Blvd.,Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 1/30/16 | SCALE: 1"=200' | DWG. NO. 220487002IB

MATCH LINE

UPDATED "DRY PROCESS" AGGREGATE PLANT

EASTERN EXCAVATION AREA
RECLAIMED PENDING NYSDEC APPROVAL

OVERBURDEN STORAGE AREAS

100' SETBACK

WESTERN-SOUTHERN EXCAVATION AREA
INCLUDED IN CURRENT PERMIT TERM
AFFECTED AREA

100' SETBACK

300' SETBACK

FUTURE EXCAVATION AREA

AFFECTED AREA SUMMARY

AFFECTED AREA		477.4± acres
	HAUL ROADS	2.2± acres
FUTURE AFFECTED AREA		46.6± acres
VISUAL BUFFERS		39.5± acres
WATER COURSE SETBACKS		64.6± acres
UNAFFECTED AREAS WITHIN LIFE OF MINE		31.6± acres
LIFE OF MINE		661.9± acres
TOTAL ACREAGE CONTROLLED BY OWNER		1080.0± acres

NOTE:
Property lines approximate where shown.
Map compiled from "Nine Plan" by Spectra Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 18, 2006.
Mine faces (toe and crest) surveyed by Callanan Industries, Inc. July 22, 2009,
North American Quarry and Construction Services, LLC November 18, 2014,
and JMT of New York, INC. August 12, 2022

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/18/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/CBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 2 OF 2

CALLANAN INDUSTRIES INC.
BRIDGEVILLE QUARRY
TOWN OF THOMPSON SULLIVAN CO., NY

19 British American Blvd, Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 1/30/16 | SCALE: 1"=200' | DWG. NO. 2204870021B

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Search Parameters:[Go Back]

- Permittee Name like callanan AND
- Mine Name like bridgeville

Export XLS Export CSV Export KML

Record Count: 1 Rows: 1 to 1

Mine ID	Permittee Name	Mine Name	First Name	Last Name	Address 1	Address 2	City	State	Zip 1	Zip 2	Phone	Status	Mine Location	County	Town	Current Permit Acres	Acres Life of Mine	Acres Reclaimed	Commodity	Last Permit Expires	First Permit Date	Last Permit Issued	Last Inspection Date	General Inspections	Latitude	Longitude	Reclamation Type	Reclamation Inspections	Financial Security	Regulatory Acreage Range	Underground Acres	Last Modified Date
30005	Callanan Industries Inc	Bridgeville	Daniel	Broomhall	PO Box 15097		Albany	NY	12212	5097	(518) 374-2222	Permitted	Sullivan Rd. South Of Nys Rte 17 View Map	Sullivan	Thompson	480.00	662.00	0.00	Sandstone	09/17/2009	04/12/1978	07/01/2009	05/07/2024	Inspection Record	41.62739	74.6168	Meadow / Grass Land		$3,548,893.00	> 30 acres	No	11/10/2014

Record Count: 1 Rows: 1 to 1

Export XLS Export CSV Export KML

Outlook

RE: Willets (C241146E) - Material Import Request - 2 to 5-inch Stone

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Mon 7/21/2025 9:55 AM
To PJ Dinardo <pdinardo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>

PJ,
The Department has reviewed the request dated July 18, 2025 to import approximately 1,000 cubic yards of 2-5" stone from Callanan Industries Inc – Bridgeville Quarry (Permit No. 30005) located at Sullivan Road South of NYS Route 17 in New York. The material will be used for the construction entrances above the groundwater table. Based on the information provided, the request is hereby approved.
The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, the material may be used above or below the demarcation layer.
Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions please contact me.
Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/wendizhengdecnygov

---

From: PJ Dinardo <pdinardo@langan.com>
Sent: Friday, July 18, 2025 1:48 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>
Subject: Willets (C241146E) - Material Import Request - 2 to 5-inch Stone

You don't often get email from pdinardo@langan.com. Learn why this is important

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

Please see the import request package linked below for 1,000 cubic yards of 2-5" stone from Callanan Industries, Inc. – Bridgeville Quarry (Permit No. 3-4846-00007/00003) located at Sullivan Road South of NYS Route 17 in New York. The contractor plans to use this material for construction entrances at the Willets Point Development Triangle Parcel Open Space BCP Site (C241146E). Please let us know if you take exception to the import and placement of the described material.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=1017933152

Name	Type	Size
Request to Import_Callanan Bridgeville_Fine Stone Fill_07.18.2025	.pdf	5.46 MB

Thanks,

PJ DiNardo
Senior Staff Engineer

LANGAN

Direct: 917.594.1565
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
368 Ninth Avenue
8th Floor
New York, NY 10001-2727
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

Willets Point Development Triangle Parcel
Phase 2 Infrastructure – Fill & Utilities

126th STREET/WILLETS POINT BOULEVARD
QUEENS, NEW YORK

Langan No. 170197645
BCP Site No. C241146E

IMPORT MATERIAL PACKAGE

Material Type Clean Fill

Source Facility Earth Tech Recycling Inc.
495 Wood Street
Oceanside, New York

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 10,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Sampling events were conducted by Taylord Environment, Inc. (TE) on May 19, July 17, and August 4, 2025.

11 five-point composite samples were collected and analyzed for SVOCs, metals, pesticides, herbicides, PCBs, and PFAS. 25 discrete grab soil samples were collected and analyzed for VOCs and 1,4-dioxane.

A sample location map and photographs of the stockpile are attached.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

The soil sample results were compared to the NYSDEC Part 375 Protection of Groundwater (PGW) and Restricted Use Restricted Residential (RURR) Soil Cleanup Objectives and Guidance Values as established in the NYSDEC Guidelines for Sampling, Analysis and Assessment of PFAS (April 2023).

No analytes were detected at concentrations exceeding the PGW or RURR SCOs or Guidance Values.

Data comparison tables and laboratory analytical results are attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Scott Taylor, PG

Location where fill was obtained:

Earth Tech Recycling Inc. - 495 Wood Street, Oceanside, New York

Identification of any state or local approvals as a fill source:

NYSDEC Registration # 30C60155

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source Facility Letter 2025.07.29 (Describing facility and first round of sampling)
Source Facility Letter 2025.08.05 (Second round of sampling for PFAS)
Sieve Analysis
Appendix A - NYSDEC Registration
Appendix B - Figures
Appendix C - Soil Analytical Results Tables
Appendix D - Photographs
Appendix E - Gradation and Proctor
Appendix F - Laboratory Analytical Reports

The information provided on this form is accurate and complete.

	2025-09-05
Signature	Date
Nicholas Palumbo	
Print Name	
Langan Engineering	
Firm	

July 29, 2025

George Mathews
Triumph Construction
1354 Seneca Ave.
Bronx, New York

Re: Soil Sampling Summary
Earth Tech Recycling
495 Wood Street
Oceanside, New York
NYSDEC Registration # 30C60155

Earth Tech Recycling Inc. (Earth Tech) is a New York State Department of Environmental Conservation (NYSDEC) Registered Facility (Registration #30C60155), located at 495 Wood Street Oceanside, Nassau County, New York. The Earth Tech Registration allows the facility to accept and process soil and rock, free of contaminants. Taylord Environment, Inc. (TE) understands that the facility status is active and has no violations. The Registration expires April 14, 2027. Please refer to Appendix A for a copy of the NYSDEC Registration.

On May 19 and July 17, 2025, (TE) collected eleven five-point composite (Phoenix Lab# CT32236-CT32238 & CT79192- CT79199) and twenty-five discrete VOC grab soil sample (Phoenix Lab# CT32230-CT32235 & CT79173- CT79191) from the subject facility. The soil sampling event represents approximately 10,000 cubic according to the DER 10 Table 5.4(e)10 minimum sampling frequency. The soil samples were collected in various locations and depths within the bin stockpiles. The soil samples were collected with a stainless-steel shovel, placed into a stainless steel bowl and mixed to create the composite samples. The discrete VOC grab soil samples were collected with a Tera Core Sampler and placed into prepared laboratory glassware. The soil samples were collected into laboratory certified clean glassware, maintained at four degrees Celsius and delivered to Phoenix Environmental Laboratories (NELAC NY#11301), for analysis. Please refer to Appendix B, Sheet 1 for the soil sample locations. TE observed naturally occurring sand soils that exhibited no odors or staining, in all sample locations. The soils sampled in the facility bin stockpiles were generally light brown/tan naturally occurring medium sand loam. Most of the soils observed during this sampling event meet the PART 360.13(f) Table 2 definition of F2 Fill. TE did observe diminemas pieces of concrete and/or asphalt in a small percentage of the soils sampled. The presence of diminemas pieces of human artifact make a small portion of the soils sampled F3 Fill as defined in PART 360.13(f) Table 2. Laboratory analysis of the samples collected during these sampling events showed concentrations of target analytes below the 6NYCRR PART 375-6.8(b) Protection of Groundwater and Restricted Residential Soil Cleanup Objectives (SCO). Please refer to Appendix C for a summary of the laboratory data. Please refer to Appendix D for

photographs of the soils sampled. Please refer to Appendix F for a copy of the laboratory report.

On July 23, 2025, TE collected a representative sample of soils slated for reuse and chemically characterized in this sampling summary. The soil sample was analyzed for gradation and modified proctor, by CATGO Materials Testing, LLC. Please refer to Appendix E for a copy of the laboratory report.

If you have any questions regarding this sampling, please contact Scott Taylor at (914) 419-9740.

Sincerely,



Scott Taylor
Professional Geologist #001088
Taylord Environment, Inc.

August 5, 2025

George Mathews
Triumph Construction
1354 Seneca Ave.
Bronx, New York

Re: PFAs Soil Sampling Summary
Earth Tech Recycling
495 Wood Street
Oceanside, New York
NYSDEC Registration # 30C60155

Earth Tech Recycling Inc. (Earth Tech) is a New York State Department of Environmental Conservation (NYSDEC) Registered Facility (Registration #30C60155), located at 495 Wood Street Oceanside, Nassau County, New York. The Earth Tech Registration allows the facility to accept and process soil and rock, free of contaminants. Taylord Environment, Inc. (TE) understands that the facility status is active and has no violations. The Registration expires April 14, 2027. Please refer to Appendix A for a copy of the NYSDEC Registration.

On August 4, 2025, (TE) collected eleven five-point composite (Phoenix Lab# GCT91268-GCT91279). The soil samples were collected in various locations and depths within the bin stockpiles. The soil samples were collected with a stainless-steel shovel, placed into a stainless steel bowl and mixed to create the composite samples. The soil samples were collected into laboratory certified clean plastic bottles, maintained at four degrees Celsius and delivered to Phoenix Environmental Laboratories (NELAC NY#11301) and York Analytical Laboratories (NELAC NY#12058) , for analysis. Please refer to Appendix B, Sheet 1 for the soil sample locations. TE observed naturally occurring sand soils that exhibited no odors or staining, in all sample locations. The soils sampled in the facility bin stockpiles were generally light brown/tan naturally occurring medium sand loam. Most of the soils observed during this sampling event meet the PART 360.13(f) Table 2 definition of F2 Fill. TE did observe diminemas pieces of concrete and/or asphalt in a small percentage of the soils sampled. The presence of diminemas pieces of human artifact make a small portion of the soils sampled F3 Fill as defined in PART 360.13(f) Table 2.

Earth Tech Recycling is a NYSDEC Registered facility that accepts natural soil and rock only. TE understands that most of the soil and rock that enter the facility are generated by residential sites in Nassau and Suffolk Counties. PFAs are not a contaminant of concern for this recycling facility, based on the inbound origins.

August 5, 2025

TE submitted 11 composite soil samples and one field blank. ET-Comp1 was rushed for a 96 hour turn-around-time (TAT) with laboratory results scheduled for August 11, 2025. ET-Comp3, ET-Comp7, ET-Comp11, and the Field Blank were run at standard TAT (15-20 Business Days). ET-Comp2, ET-Comp4, ET-Comp5, ET-Comp6, ET-Comp8, ET-Comp9, and ET-Comp10 are on-hold from analysis in the laboratory.

TE proposes to petition the NYSDEC for a reduced PFAs sampling frequency. Submission and analysis of 4 Composite soil samples and the field blank for the 10,000 cubic yards.

Please respond with the NYSDEC's reply to the request for sampling reduction.

If you have any questions regarding this sampling, please contact Scott Taylor at (914) 419-9740.

Sincerely,

Scott Taylor
Professional Geologist #001088
Taylord Environment, Inc.

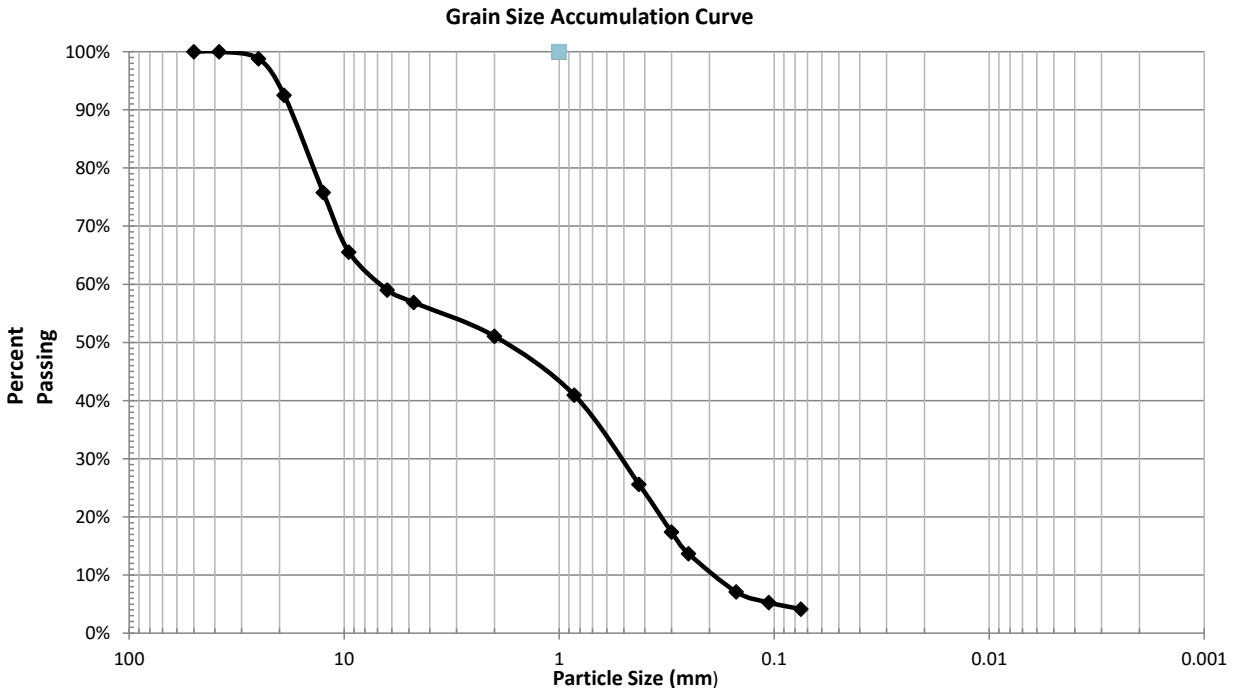
TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	8/5/2025
PROJECT NAME:	Willets Point - Triangle	**TPI PROJECT NO.:**	2500079
PROJECT ADDRESS:	1800 Access Rd Oceanside NY 11572	**CCTL NO. :**	8906
MATERIAL DESCRIPTION:	SOIL	**DATE RECEIVED:**	8/4/2025
		TECHNICIAN:	G. Delos Santos

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.



% Coarse Gravel	7.5%	% Coarse Sand	5.8%	% Fines	4.1%
% Fine Gravel	35.6%	% Medium Sand	25.5%		
		% Fine Sand	21.5%		

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	8/5/2025
PROJECT NAME:	Willets Point - Triangle	**TPI PROJECT NO.:**	2500079
PROJECT ADDRESS:	1800 Access Rd Oceanside NY 11572	**CCTL NO. :**	8906
MATERIAL DESCRIPTION:	SOIL	**DATE RECEIVED:**	8/4/2025
		TECHNICIAN:	G. Delos Santos

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Specification
2 IN	100.0%	100%
1 1/2 IN	100.0%	Not Specified
1 IN	98.8%	
3/4 IN	92.5%	
1/2 IN	75.8%	
3/8 IN	65.6%	
1/4 IN	59.0%	25-60%
No. 4	56.9%	Not SPecified
NO. 10	51.1%	
NO. 20	40.9%	
NO. 40	25.6%	10-40%
NO. 50	17.4%	
NO. 60	13.7%	Not Specified
NO. 100	7.1%	
NO. 140	5.3%	
NO. 200	4.1%	0-10%

Remarks: Material was sampled by the client and icked up by Twin Peaks
Moisture content of sample upon receipt is 8.6%, as determined by test method ASTM D2216
Soil visual classification: SP Poorly graded sand with silt and gravel

All general information listed in this report, location and project where the test specimens were prepared is as provided to us by the Client. All reports are confidential property of the Client, and information contained herein may not be published or reproduced without our written approval.

Results obtained is limited only to the items inspected or tested. This report cannot be reproduced, except in full, without the prior written approval of Twin Peaks.

New York City Qualification No. 3



My P.E. seal must appear in blue ink only
Otherwise this document is null and void

Maxim Korngold, P.E.

8/5/2025
Date

July 29, 2025

Appendix A
NYSDEC Registration

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Region 1
SUNY @ Stony Brook, 50 Circle Road, Stony Brook, NY 11790
P: (631) 444-0375 I F: (631) 444-0231
www.dec.ny.gov

April 15, 2022

Michael A. Cali
Earth Tech Recycling Inc.
P.O. Box 309
West Hempstead, NY 11552

Re: Earth Tech Recycling Inc. - Oceanside
CDDHRF - uncontaminated soil sand gravel rock - registration Registration # 30C60155
CDDHRF - concrete rock brick - registration Registration # 30C10155

Dear Michael A. Cali:

Enclosed is the validated copy of your 6 NYCRR Part 360 registration, which becomes effective on April 15, 2022 and expires on April 14, 2027.

This letter only acknowledges receipt of your registration form and does not, in any way, verify that the information which you provided on the form is true or correct.

You are reminded that 6NYCRR Part 360 contains various requirements that must be followed to warrant your facility's continued status as a registered facility. Enclosed is a list of general requirements for a registered facility described in Section 360.15. Additional requirements of specific registration types may also be enclosed. You are required to keep appropriate records regarding the use of the facility in order to accurately file an annual report as required by Paragraph 360.19(k)(3).

This registration does not exempt or preclude you from complying with any other applicable federal, state, or local laws, rules or regulations. If you have any questions regarding this matter, please contact Benazir Khan, P.E. of my staff at (631) 444-0388.

Sincerely,

Syed H. Rahman, P.E.
Regional Materials Management Engineer

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

DIVISION OF MATERIALS MANAGEMENT

REGISTRATION FOR A SOLID WASTE MANAGEMENT FACILITY

THIS IS NOT A UPA PERMIT

DATE ISSUED: 04/15/2022
DATE EXPIRES: 04/14/2027

1. FACILITY	2. FACILITY OWNER
Earth Tech Recycling Inc. 495 Wood Street Oceanside Nassau (*county*) (516)695-4045	Earth Tech Recycling Inc. P.O. Box 309 West Hempstead NY 11552 (516)695-4045
3. FACILITY OPERATOR	**4. SITE OWNER**
Same as Facility Owner	Clear Cove Holdings LLC 495 Wood Street Oceanside NY 11572 (516)678-7018

5. REGISTERED ACTIVITY

Types	Authorized Waste
CDDHRF - uncontaminated soil sand gravel rock - registration (30C60155) [361-5]	Soil (Clean), Sand, Rock, Gravel
CDDHRF - concrete rock brick - registration (30C10155) [361-5]	Concrete, Rock, Brick

Maximum Throughput Limit: 495.00 cubic yards/day

Storage: 4125.00 cubic yards - both processed and unprocessed total for all materials

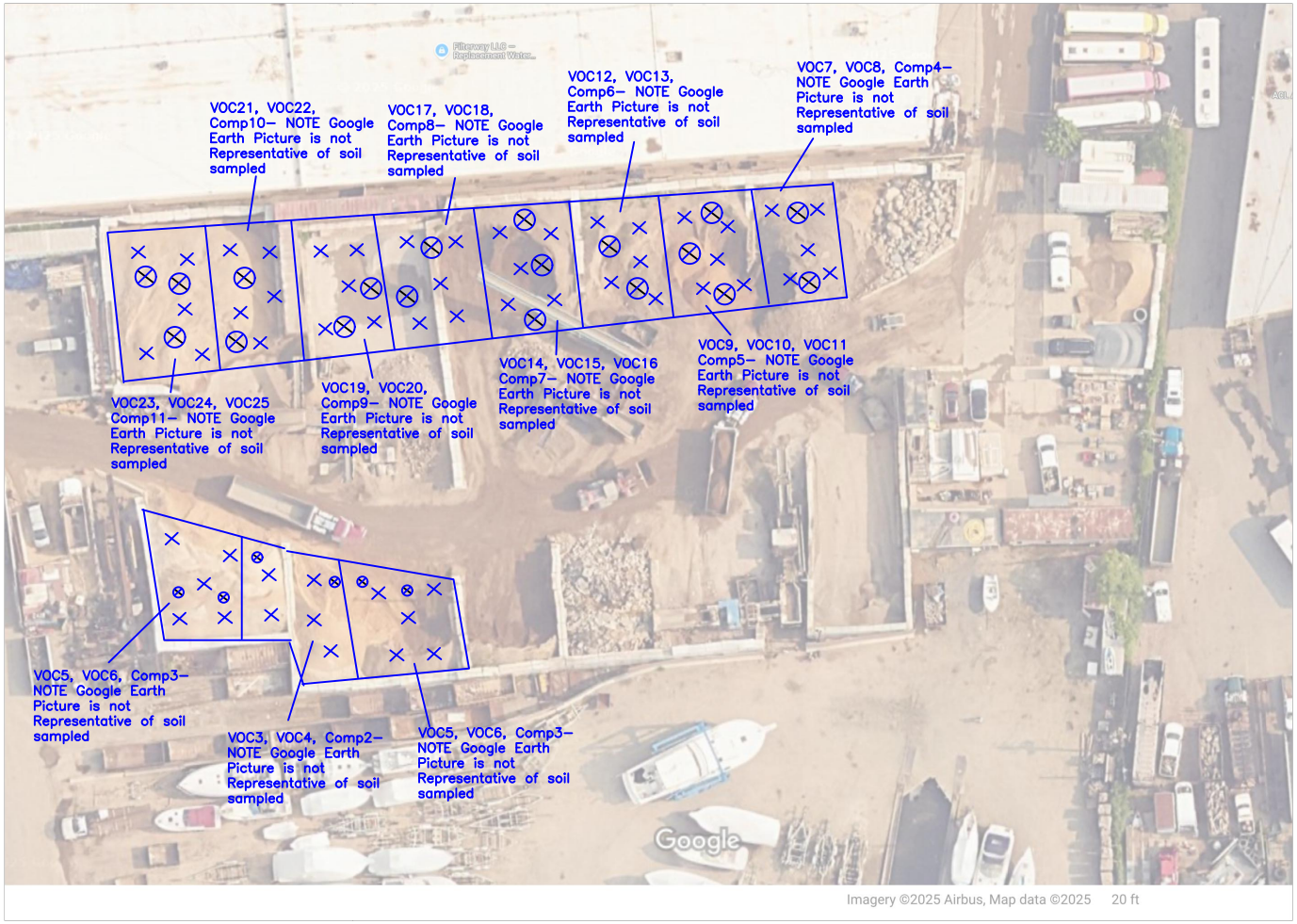
6. OPERATIONS SCHEDULE - Normal schedule of operation	7. NAME(S) OF ALL MUNICIPALITIES SERVED -
6:00 AM to 6:00 PM; Monday-Saturday	Bronx(Co), Kings (Co), Queens(Co), Nassau(Co), New York(Co), Suffolk(Co), Richmond (Co).

This registration does not exempt or preclude you from complying with any other applicable federal, state, or local laws, rules or regulations.

July 29, 2025

Appendix B
Figures

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594



North

General Notes

Soil Sampling Key

× Composite Grab

⊗ VOC Grab

No.	Revision/Issue	Date

Firm Name and Address
Taylord Environment, Inc
PO BOX 613
Wingdale, NY 12594

Project Name and Address
Earth Tech
495 Wood Street
Oceanside, New York

Project: Willetts Point
Date: 5/19 & 7/17/25
Scale: Not To Scale
Sheet: 1

EarthTech Willets Point Sampling – 5-19-25 & 7-17-25.dwg
1/15/2004

July 29, 2025

Appendix C
Table Compared to PART 375

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

SDG: GCT32230
Project: EARTH TECH 495 WOOD ST, OCEANSIDE, NY

Lab Sample Id / Collection Date / Client Id / Matrix	CAS	Units	NY 375 GWP	NY 375 Res Restricted	CT32230 05/19/2025 ET-VOC 1 SOIL		CT32231 05/19/2025 ET-VOC 2 SOIL		CT32232 05/19/2025 ET-VOC 3 SOIL		CT32233 05/19/2025 ET-VOC 4 SOIL		CT32234 05/19/2025 ET-VOC 5 SOIL		CT32235 05/19/2025 ET-VOC 6 SOIL		CT32236 05/19/2025 ET-COMP 1 SOIL		CT32237 05/19/2025 ET-COMP 2 SOIL		CT32238 05/19/2025 ET-COMP 3 SOIL	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																						
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg	19	110													<0.37	0.37	<0.40	0.4	<0.39	0.39
Methylacetate	79-20-9	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5						
Percent Solid	PHNX - PCTSOLID	%															93		92		94	
pH at 20C - Soil		pH Units															8.38	1	8.55	1	8.61	1
Redox Potential	PHNX - REDOX	mV															240		247		248	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	40	27													<0.54	0.54	<0.54	0.54	<0.53	0.53
Metals Total																						
Arsenic	7440-38-2	mg/Kg	16	16													1.94	0.66	3.37	0.64	1.51	0.74
Barium	7440-39-3	mg/Kg	820	400													44.5	0.33	40.3	0.32	31.5	0.37
Beryllium	7440-41-7	mg/Kg	47	72													<0.27	0.27	<0.26	0.26	<0.30	0.3
Cadmium	7440-43-9	mg/Kg	7.5	4.3													<0.33	0.33	<0.32	0.32	<0.37	0.37
Chromium	7440-47-3	mg/Kg															14.3	0.33	12.9	0.32	10.5	0.37
Copper	7440-50-8	mg/Kg	1720	270													11.6	0.7	13.3	0.6	25	0.7
Lead	7439-92-1	mg/Kg	450	400													18	0.33	37.1	0.32	20	0.37
Manganese	7439-96-5	mg/Kg	2000	2000													183	0.33	168	0.32	178	0.37
Mercury	7439-97-6	mg/Kg	0.73	0.81													<0.03	0.03	0.06	0.03	<0.03	0.03
Nickel	7440-02-0	mg/Kg	130	310													14.5	0.33	10.7	0.32	8.9	0.37
Selenium	7782-49-2	mg/Kg	4	180													<1.3	1.3	<1.3	1.3	<1.5	1.5
Silver	7440-22-4	mg/Kg	8.3	180													<0.33	0.33	<0.32	0.32	<0.37	0.37
Trivalent Chromium	16065-83-1	mg/Kg		180													14.3	0.33	12.9	0.32	10.5	0.37
Zinc	7440-66-6	mg/Kg	2480	10000													30.7	0.7	46.2	0.6	38.7	0.7
1,4-dioxane - SW8260D																						
1,4-dioxane	123-91-1	ug/kg	100	13000	<89	89	<78	78	<74	74	<100	100	<83	83	<82	82						
Additional Semi-Volatile Compounds - SW8270E																						
1,1-Biphenyl	92-52-4	ug/Kg															<250	250	<250	250	<240	240
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg															<250	250	<250	250	<240	240
Atrazine	1912-24-9	ug/Kg															<140	140	<140	140	<140	140
Benzaldehyde	100-52-7	ug/Kg															<250	250	<250	250	<240	240
Benzo(a)pyrene	50-32-8	ug/Kg	22000	1000													<250	250	150	250	<240	240
Caprolactam	105-60-2	ug/Kg															<140	140	<140	140	<140	140
Chlorinated Herbicides - SW8151A																						
2,4,5-T	93-76-5	ug/Kg															<130	130	<130	130	<130	130
2,4,5-TP (Silvex)	93-72-1	ug/Kg	3800	100000													<130	130	<130	130	<130	130
2,4-D	94-75-7	ug/Kg															<270	270	<270	270	<260	260
2,4-DB	94-82-6	ug/Kg															<2700	2700	<2700	2700	<2600	2600
Dalapon	75-99-0	ug/Kg															<130	130	<130	130	<130	130
Dicamba	1918-00-9	ug/Kg															<130	130	<130	130	<130	130
Dichloroprop	120-36-5	ug/Kg															<270	270	<270	270	<260	260
Dinoseb	88-85-7	ug/Kg															<270	270	<270	270	<260	260
Pesticides - Soil - SW8081B																						
4,4'-DDD	72-54-8	ug/Kg	14000	13000													<2.1	2.1	<2.1	2.1	<3.0	3
4,4'-DDE	72-55-9	ug/Kg	17000	8900													<2.1	2.1	3.6	2.1	<2.1	2.1
4,4'-DDT	50-29-3	ug/Kg	136000	7900													<2.1	2.1	8.4	2.1	<2.1	2.1
a-BHC	319-84-6	ug/Kg	20	480													<7.2	7.2	<7.2	7.2	<7.1	7.1
a-Chlordane	5103-71-9	ug/Kg	2900	4200													18	3.6	64	3.6	29	3.5
Aldrin	309-00-2	ug/Kg	190	97													<3.6	3.6	<3.6	3.6	<3.5	3.5
b-BHC	319-85-7	ug/Kg	90	360													<7.2	7.2	<7.2	7.2	<7.1	7.1
Chlordane	57-74-9	ug/Kg															100	36	370	36	120	35
d-BHC	319-86-8	ug/Kg	250	100000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Dieldrin	60-57-1	ug/Kg	100	200													<3.6	3.6	13	3.6	<3.5	3.5
Endosulfan I	959-98-8	ug/Kg	102000	24000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endosulfan II	33213-65-9	ug/Kg	102000	24000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endosulfan sulfate	1031-07-8	ug/Kg	1000000	24000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endrin	72-20-8	ug/Kg	60	11000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endrin aldehyde	7421-93-4	ug/Kg															<7.2	7.2	<7.2	7.2	<7.1	7.1
Endrin ketone	53494-70-5	ug/Kg															<7.2	7.2	<7.2	7.2	<7.1	7.1
g-BHC	58-89-9	ug/Kg	100	1300													<1.4	1.4	<1.4	1.4	<1.4	1.4
g-Chlordane	5103-74-2	ug/Kg															12	3.6	43	3.6	19	3.5
Heptachlor	76-44-8	ug/Kg	380	2100													<7.2	7.2	<7.2	7.2	<7.1	7.1
Heptachlor epoxide	1024-57-3	ug/Kg															<7.2	7.2	<7.2	7.2	<7.1	7.1
Methoxychlor	72-43-5	ug/Kg															<36	36	<36	36	<35	35
Toxaphene	8001-35-2	ug/Kg															<140	140	<140	140	<140	140
Polychlorinated Biphenyls - SW8082A																						
PCB-1016	12674-11-2	ug/Kg															<360	360	<360	360	<350	350
PCB-1221	11104-28-2	ug/Kg															<360	360	<360	360	<350	350
PCB-1232	11141-16-5	ug/Kg															<360	360	<360	360	<350	350
PCB-1242	53469-21-9	ug/Kg															<360	360	<360	360	<350	350
PCB-1248	12672-29-6	ug/Kg															<360	360	<360	360	<350	350
PCB-1254	11097-69-1	ug/Kg															<360	360	<360	360	<350	350
PCB-1260	11096-82-5	ug/Kg															<360	360	<360	360	<350	350
PCB-1262	37324-23-5	ug/Kg															<360	360	<360	360	<350	350
PCB-1268	11100-14-4	ug/Kg															<360	360	<360	360	<350	350
Semivolatiles - SW8270E																						
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg															<250	250	<250	250	<240	240
1,2,4-Trichlorobenzene	120-82-1	ug/Kg															<250	250	<250	250	<240	240
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100000													<250	250	<250	250	<240	240
1,2-Diphenylhydrazine	122-66-7	ug/Kg															<350	350	<360	360	<350	350
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000													<250	250	<250	250	<240	240
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000													<250	250	<250	250	<240	240
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg															<250	250	<250	250	<240	240
2,4,5-Trichlorophenol	95-95-4	ug/Kg															<250	250	<250	250	<240	240
2,4,6-Trichlorophenol	88-06-2	ug/Kg															<250	250	<250	250	<240	240
2,4-Dichlorophenol	120-83-2	ug/Kg															<250	250	<250	250	<240	240
2,4-Dimethylphenol	105-67-9	ug/Kg															<250	250	<250	250	<240	240
2,4-Dinitrophenol	51-28-5	ug/Kg															<350	350	<360	360	<350	350
2,4-Dinitrotoluene	121-14-2	ug/Kg															<250	250	<250	250	<240	240
2,6-Dinitrotoluene	606-20-2	ug/Kg															<250	250	<250	250	<240	240
2-Chloronaphthalene	91-58-7	ug/Kg															<250	250	<250	250	<240	240
2-Chlorophenol	95-57-8	ug/Kg															<250	250	<250	250	<240	240
2-Methylnaphthalene	91-57-6	ug/Kg															<250	250	<250	250	<240	240
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	330	100000													<250	250	<250	250	<240	240
2-Nitroaniline	88-74-4	ug/Kg															<350	350	<360	360	<350	350
2-Nitrophenol	88-75-5	ug/Kg															<250	250	<250	250	<240	240
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg															<350	350	<360	360	<350	350
3,3'-Dichlorobenzidine	91-94-1	ug/Kg															<250	250	<250	250	<240	240
3-Nitroaniline	99-09-2	ug/Kg															<350	350	<360	360	<350	350
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg															<350	350	<360	360	<350	350
4-Bromophenyl phenyl ether	101-55-3	ug/Kg															<350	350	<360	360	<350	350
4-Chloro-3-methylphenol	59-50-7	ug/Kg															<250	250	<250	250	<240	240
4-Chloroaniline	106-47-8	ug/Kg															<250	250	<250	250	<240	240
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg															<250	250	<250	250	<240	240
4-Nitroaniline	100-01-6	ug/Kg															<570	570	<570	570	<560	560
4-Nitrophenol	100-02-7	ug/Kg															<250	250	<250	250	<240	240
Acenaphthene	83-32-9	ug/Kg	98000	100000													<250	250	<250	250	<240	240
Acenaphthylene	208-96-8	ug/Kg	107000	100000													<250	250	<250	250	<240	240
Acetophenone	98-86-2	ug/Kg															<250	250	<250	250	<240	240
Aniline	62-53-3	ug/Kg															<350	350	<360	360	<350	350
Anthracene	120-12-7	ug/Kg	1000000	100000													<250	250	<250	250	<240	240
Benz(a)anthracene	56-55-3	ug/Kg	1000	1000													<250	250	<250	250	<240	240
Benzidine	92-87-5	ug/Kg															<250	250	<250	250	<240	240
Benzo(a)pyrene	50-32-8	ug/Kg	22000	1000													<250	250	<250	250	<240	240
Benzo(b)fluoranthene	205-99-2	ug/Kg	1700	1000													<250	250	<250	250	<240	240
Benzo(ghi)perylene	191-24-2	ug/Kg	1000000	100000													<250	250	<250	250	<240	240
Benzo(k)fluoranthene	207-08-9	ug/Kg	1700	3900													<250	250	<250	250	<240	240
Benzoic acid	65-85-0	ug/Kg															<710	710	<710	710	<690	690
Benzyl butyl phthalate	85-68-7	ug/Kg															<250	250	<250	250	<240	240
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg															<250	250	<250	250	<240	240
Bis(2-chloroethyl)ether	111-44-4	ug/Kg															<350	350	<360	360	<350	350
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg															<350	350	<360	360	<350	350
Carbazole	86-74-8	ug/Kg															<350	350	<360	360	<350	350
Chrysene	218-01-9	ug/Kg	1000	3900													<250	250	<250	250	<240	240
Di-n-butylphthalate	84-74-2	ug/Kg															<350	350	<360	360	<350	350
Di-n-octylphthalate	117-84-0	ug/Kg															<250	250	<250	250	<240	240
Dibenz(a,h)anthracene	53-70-3	ug/Kg	1000000	330													<250	250	<250	250	<240	240
Dibenzofuran	132-64-9	ug/Kg	210000	59000													<250	250	<250	250	<240	240
Diethyl phthalate	84-66-2	ug/Kg															<250	250	<250	250	<240	240

Dimethylphthalate	131-11-3	ug/Kg																<250	250	<250	250	<240	240
Fluoranthene	206-44-0	ug/Kg	1000000	100000														<250	250	<250	250	<240	240
Fluorene	86-73-7	ug/Kg	386000	100000														<250	250	<250	250	<240	240
Hexachlorobenzene	118-74-1	ug/Kg	3200	1200														<250	250	<250	250	<240	240
Hexachlorobutadiene	87-68-3	ug/Kg																<250	250	<250	250	<240	240
Hexachlorocyclopentadiene	77-47-4	ug/Kg																<250	250	<250	250	<240	240
Hexachloroethane	67-72-1	ug/Kg																<250	250	<250	250	<240	240
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	8200	500														<250	250	<250	250	<240	240
Isophorone	78-59-1	ug/Kg																<250	250	<250	250	<240	240
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg																<250	250	<250	250	<240	240
N-Nitrosodimethylamine	62-75-9	ug/Kg																<350	350	<360	360	<350	350
N-Nitrosodiphenylamine	86-30-6	ug/Kg																<350	350	<360	360	<350	350
Naphthalene	91-20-3	ug/Kg	12000	100000														<250	250	<250	250	<240	240
Nitrobenzene	98-95-3	ug/Kg																<250	250	<250	250	<240	240
Pentachloronitrobenzene	82-68-8	ug/Kg																<350	350	<360	360	<350	350
Pentachlorophenol	87-86-5	ug/Kg	800	6700														<350	350	<360	360	<350	350
Phenanthrene	85-01-8	ug/Kg	1000000	100000														<250	250	<250	250	<240	240
Phenol	108-95-2	ug/Kg	330	100000														<250	250	<250	250	<240	240
Pyrene	129-00-0	ug/Kg	1000000	100000														<250	250	<250	250	<240	240
Pyridine	110-86-1	ug/Kg																<350	350	<360	360	<350	350
Volatiles - SW8260D																							
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1,2-Trichloroethane	79-00-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1-Dichloroethane	75-34-3	ug/Kg	270	26000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1-Dichloroethene	75-35-4	ug/Kg	330	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1-Dichloropropene	563-58-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,3-Trichlorobenzene	87-61-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,3-Trichloropropane	96-18-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,4-Trichlorobenzene	120-82-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3600	52000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dibromoethane	106-93-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dichloroethane	107-06-2	ug/Kg	20	3100	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dichloropropane	78-87-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8400	52000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,3-Dichloropropane	142-28-9	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
2,2-Dichloropropane	594-20-7	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
2-Chlorotoluene	95-49-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
2-Hexanone	591-78-6	ug/Kg			<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
2-Isopropyltoluene	527-84-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
4-Chlorotoluene	106-43-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
4-Methyl-2-pentanone	108-10-1	ug/Kg			<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
Acetone	67-64-1	ug/Kg	50	100000	<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
Acrolein	107-02-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Acrylonitrile	107-13-1	ug/Kg			<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Benzene	71-43-2	ug/Kg	60	4800	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromobenzene	108-86-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromochloromethane	74-97-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromodichloromethane	75-27-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromoform	75-25-2	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromomethane	74-83-9	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Carbon Disulfide	75-15-0	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Carbon tetrachloride	56-23-5	ug/Kg	760	2400	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chlorobenzene	108-90-7	ug/Kg	1100	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chloroethane	75-00-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chloroform	67-66-3	ug/Kg	370	49000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chloromethane	74-87-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
cis-1,3-Dichloropropene	10061-01-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Dibromochloromethane	124-48-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Dibromomethane	74-95-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Dichlorodifluoromethane	75-71-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Ethylbenzene	100-41-4	ug/Kg	1000	41000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Hexachlorobutadiene	87-68-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Isopropylbenzene	98-82-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
m&p-Xylene	179601-23-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Methyl Ethyl Ketone	78-93-3	ug/Kg	120	100000	<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	930	100000	<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Methylene chloride	75-09-2	ug/Kg	50	100000	<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
n-Butylbenzene	104-51-8	ug/Kg	12000	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
n-Propylbenzene	103-65-1	ug/Kg	3900	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Naphthalene	91-20-3	ug/Kg	12000	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
o-Xylene	95-47-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
p-Isopropyltoluene	99-87-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
sec-Butylbenzene	135-98-8	ug/Kg	11000	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Styrene	100-42-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Tert-butyl alcohol	75-65-0	ug/Kg			<120	120	<100	100	<98	98	<140	140	<110	110	<110	110							
tert-Butylbenzene	98-06-6	ug/Kg	5900	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Tetrachloroethene	127-18-4	ug/Kg	1300	19000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Tetrahydrofuran (THF)	109-99-9	ug/Kg			<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Toluene	108-88-3	ug/Kg	700	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Total Xylenes	1330-20-7	ug/Kg	1600	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
trans-1,2-Dichloroethene	156-60-5	ug/Kg	190	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
trans-1,3-Dichloropropene	10061-02-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Trichloroethene	79-01-6	ug/Kg	470	21000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Trichlorofluoromethane	75-69-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Trichlorotrifluoroethane	76-13-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Vinyl chloride	75-01-4	ug/Kg	20	900	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Phoenix Environmental Laboratories, Inc.
5417 Hoffman Street Turnpike
P.O. Box 1
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

					CT79170 07/17/2025 ET-VOC7 SOIL		CT79174 07/17/2025 ET-VOC8 SOIL		CT79175 07/17/2025 ET-VOC9 SOIL		CT79176 07/17/2025 ET-VOC10 SOIL		CT79177 07/17/2025 ET-VOC11 SOIL		CT79178 07/17/2025 ET-VOC12 SOIL		CT79179 07/17/2025 ET-VOC13 SOIL		CT79180 07/17/2025 ET-VOC14 SOIL		CT79181 07/17/2025 ET-VOC15 SOIL		CT79182 07/17/2025 ET-VOC16 SOIL		CT79183 07/17/2025 ET-VOC17 SOIL		CT79184 07/17/2025 ET-VOC18 SOIL		CT79185 07/17/2025 ET-VOC19 SOIL		CT79186 07/17/2025 ET-VOC20 SOIL		CT79187 07/17/2025 ET-VOC21 SOIL		CT79188 07/17/2025 ET-VOC22 SOIL		CT79189 07/17/2025 ET-VOC23 SOIL		CT79190 07/17/2025 ET-VOC24 SOIL		CT79191 07/17/2025 ET-VOC25 SOIL		CT79192 07/17/2025 ET-COMP1 SOIL		CT79193 07/17/2025 ET-COMP2 SOIL		CT79194 07/17/2025 ET-COMP3 SOIL		CT79195 07/17/2025 ET-COMP4 SOIL		CT79196 07/17/2025 ET-COMP5 SOIL		CT79197 07/17/2025 ET-COMP6 SOIL		CT79198 07/17/2025 ET-COMP10 SOIL		CT79199 07/17/2025 ET-COMP11 SOIL	
SDG: GCT79175			NY	NY																																												
Project: SMITH TECH	CAS	Units	375 SMP	375 Res/Restricted	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																																																		
Chromium, Hex. (SW7196/SW6020 digestion)	18540-29-9	mg/kg	19	110																																														
Methylacetate	79-20-9	ug/kg			<6.6	6.6	<5.1	5.1	<6.6	6.6	<5.1	5.1	<6.7	6.7	<6.7	6.7	<6.7	6.7	<6.4	6.4	<5.0	5	<5.5	5.5	<5.6	5.6	<5.2	5.2	<5.4	5.4	<5.5	5.5	<5.6	5.6	<5.6	5.6	<5.5	5.5	<5.6	5.6	<6.2	6.2												
Percent Solid	PHRK-PCTSOLID	%																																					92		93		93		96		97		96		91	
pH at 25C - Soil		pH Units																																					7.79	1	8.18	1	9.01	1	8.2	1	8.1	1	8.07	1	7.96	1	7.89	1
Redox Potential	PHRK-REDOX	mV																																					205		205		205		207		207		205		210		210	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/kg	40	27																																			<0.54	0.54	<0.54	0.54	<0.54	0.54	<0.52	0.52	<0.52	0.52	<0.52	0.52	<0.52	0.52	<0.52	0.52	<0.52	0.52
Metals Total																																																		
Arsenic	7440-38-2	mg/kg	16	16																																			6.74	0.64	5.91	0.7	2.68	0.71	3.06	0.65	3.69	0.67	5.72	0.66	5.76	0.65	5.93	0.66
Barium	7440-39-3	mg/kg	820	820																																			93	0.43	29.7	0.45	38.5	0.35	12	0.33	30.6	0.31	22.6	0.32	10.7	0.33	10.7	0.33
Beryllium	7440-41-7	mg/kg	47	72																																			0.33	0.26	0.56	0.28	<0.28	0.28	<0.28	0.28	<0.28	0.26	<0.27	0.27	<0.26	0.26	<0.26	0.26	<0.26	0.26
Cadmium	7440-43-9	mg/kg	7.5	6.3																																			<0.32	0.32	<0.35	0.35	<0.35	0.35	<0.33	0.33	<0.33	0.33	<0.33	0.33	<0.32	0.32	<0.33	0.33	<0.33	0.33
Chromium	7440-47-3	mg/kg																																					16.2	0.51	27.8	0.55	12.3	0.55	3.56	0.51	3.78	0.53	4.91	0.52	4.17	0.53	4.17	0.53
Copper	7440-50-8	mg/kg	1720	270																																			11.8	0.64	8.84	0.7	8.84	0.71	8.46	0.65	9.7	0.67	8.45	0.66	8.3	0.65	8.61	0.66
Lead	7439-92-1	mg/kg	450	400																																			596	0.32	372	0.35	174	0.35	2.63	0.33	199	0.33	253	0.32	2.82	0.33	1.89	0.33
Manganese	7439-96-5	mg/kg	2000	2000																																			0.54	0.14	0.13	0.15	0.13	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Mercury	7439-97-6	mg/kg	0.73	0.81																																			11.8	0.33	11	0.34	12.3	0.35	4.92	0.33	5.24	0.33	4.25	0.32	4.31	0.33	4.53	0.33
Nickel	7440-02-0	mg/kg	130	310																																			0.33	0.33	0.33	0.35	0.35	0.35	0.33	0.33	0.33	0.33	0.32	0.32	0.33	0.33	0.33	0.33
Selenium	7782-49-2	mg/kg	4	180																																			<0.65	0.65	<0.71	0.71	<0.71	0.71	<0.66	0.66	<0.67	0.67	<0.65	0.65	<0.66	0.66	<0.67	0.67	<0.67	0.67
Silver	7440-22-4	mg/kg	8.3	180																																			<0.33	0.33	<0.35	0.35	<0.35	0.35	<0.33	0.33	<0.33	0.33	<0.32	0.32	<0.33	0.33	<0.33	0.33
Trivalent Chromium	16065-83-1	mg/kg		180																																			16.2	0.51	27.8	0.55	12.3	0.55	3.56	0.51	3.78	0.53	4.91	0.52	4.17	0.53	4.17	0.53
Zinc	7440-66-6	mg/kg	2480	10000																																			10.4	0.4	24.3	0.7	30.4	0.7	8.7	0.7	8.7	0.7	8.4	0.7	7.1	0.7	7.9	0.7	8.6	0.7
1,4-dioxane - SW8260D																																																		
1,4-dioxane	123-91-1	ug/kg	100	10000	<68	68	<77	77	<68	68	<76	76	<71	71	<71	71	<71	71	<65	65	<75	75	<82	82	<84	84	<78	78	<81	81	<83	83	<81	81	<84	84	<82	82	<80	80	<92	92										
Additional Semi-Volatile Compounds - SW8270D																																																		
1,1-Biphenyl	92-52-4	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
Atrazine	1912-24-9	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Benzaldehyde	100-52-7	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
Benzo(g,h,i)perylene	50-32-8	ug/kg	22000	1000																																			<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Caprolactam	105-60-2	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Chlorinated Herbicides - SW8151A																																																		
2,4,5-T	93-76-5	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
2,4,5-TP (Silvex)	93-72-1	ug/kg	3800	100000																																			<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
2,4-D	94-75-7	ug/kg																																					<270	270	<270	270	<270	270	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260
2,4-DB	94-82-6	ug/kg																																					<2700	2700	<2700	2700	<2700	2700	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600
Dalapon	75-99-0	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Dicamba	1918-00-9	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Dichloroprop	120-36-5	ug/kg																																					<270	270	<270	270	<270	270	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260
Dinoseb	88-85-7	ug/kg																																					<260	260	<260	260	<260	260	<250	250	<250	250	<260	260	<250	250	<250	250	<250	250	<250	250	<250	250	<250	250	<250	250	<250	250
Pesticides - Soil - SW8081B																																																		
4,4'-DDD	72-54-8	ug/kg	16000	13000																																			<2.2	2.2	<2.1	2.1	<2.1	2.1	<2.1	2.1	<2.0	2	<2.0	2	<2.0	2	<2.1	2.1
4,4'-DDE	72-55-9	ug/kg	62000	9000																																			<2.2	2.2	<2.1	2.1	<2.1	2.1	<2.1	2.1	<2.0	2	<2.0	2	<2.0	2	<2.1	2.1
4,4'-DDT	50-29-3	ug/kg	136000	7900																																			<2.2	2.2	<2.1	2.1	<2.1	2.1	<2.1	2.1	<2.0	2	<2.0	2	<2.0	2	<2.1	2.1
a-BHC	319-84-6	ug/kg	20	680																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
a-Chlordane	5103-71-9	ug/kg	2900	4200																																			<8.0	8	<7.9	7.9	<7.8	7.8	20	7.8	<7.4	7.4	<7.5	7.5	<7.6	7.6	8.4	7.6
Aldrin	309-00-2	ug/kg	190	97																																			<10	10	<9.8	9.8	<9.5	9.5	<9.4	9.4	<9.2	9.2	<9.3	9.3	<9.4	9.4	<9.2	9.2	<9.2	9.2
b-BHC	319-85-7	ug/kg	90	360																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Chlordane	57-74-9	ug/kg																																					<66	66	<65	65	<65	65	90	65	<61	61	<62	62	<63	63	61	63	<63	63
d-BHC	319-86-8	ug/kg	250	100000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Dieldrin	60-57-1	ug/kg	100	200																																			<14	14	<14	14	<13	13	<13	13	<12	12	<12	12	<13	13	<12	12	<12	12
Endosulfan I	959-98-8	ug/kg	102000	24000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endosulfan II	33213-65-9	ug/kg	102000	24000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endosulfan sulfate	1031-07-8	ug/kg	1000000	24000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endrin	72-20-8	ug/kg	60	11000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endrin aldehyde	7421-93-4	ug/kg																																					<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endrin ketone	53494-70-5	ug/kg																																					<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
g-BHC	58-89-9	ug/kg	100	1300																																			<1.4	1.4	<1.4	1.4	<1.4	1.4	<1.4	1.4	<1.3	1.3	<1.3	1.3	<1.3	1.3	<1.4	1.4
g-Chlordane	5103-74-2	ug/kg																																					<8.0	8	<7.9	7.9	14	7.8	<7.4	7.4	<7.4	7.4	<7.5	7.5	<7.6	7.6	8	7.6
Heptachlor	76-44-8	ug/kg	380	2100																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Heptachlor epoxide	1024-57-3	ug/kg																																					<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Methoxychlor	72-43-5	mg/kg		360																																			<96	96	<95	95	<95	95	<91	91	<90	90	<91	91	<91	91	<90	90	<91	91
Toxaphene	8001-35-2	mg/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Polychlorinated Biphenyls - SW8082A																																																		
PCB-1016	12674-11-2	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1221	11104-28-2	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1232	11141-16-5	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1242	53469-21-9	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1248	12672-29-6	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1254	11097-69-1	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1260	11096-82-5	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1262	37324-23-5	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1268	11100-14-4	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
Semivolatiles - SW8270D																																																		
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2,4-Trichlorobenzene	120-82-1	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2-Dichlorobenzene	95-50-1	ug/kg	1100	100000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2-Diphenylhydrazine	122-66-7	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
1,3-Dichlorobenzene	541-73-1	ug/kg	2400	49000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,4-Dichlorobenzene	106-46-7	ug/kg	1800	13000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4,5-Trichlorophenol	95-95-4	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4,6-Trichlorophenol	88-06-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dichlorophenol	120-83-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dimethylphenol	105-67-9	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dinitrophenol	51-28-5	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dinitrotoluene	121-14-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,6-Dinitrotoluene	606-20-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Chloronaphthalene	91-58-7	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Chlorophenol	95-57-8	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Methylnaphthalene	91-57-6	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
2-Methylphenol (o-cresol)	95-48-7	ug/kg	330	100000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Nitroaniline	88-74-4	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
2-Nitrophenol	88-75-5	ug/kg	

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : EARTH TECH	Lab Sample Id Collection Date Client Id Matrix				CT91269 8/4/2025 ET-COMP 2 Soil		CT91270 8/4/2025 ET-COMP 3 Soil		CT91271 8/4/2025 FIELD BLANK Water		CT91272 8/4/2025 ET-COMP 4 Soil		CT91273 8/4/2025 ET-COMP 5 Soil		CT91274 8/4/2025 ET-COMP 6 Soil		CT91275 8/4/2025 ET-COMP 7 Soil		CT91276 8/4/2025 ET-COMP 8 Soil		CT91277 8/4/2025 ET-COMP 9 Soil		CT91278 8/4/2025 ET-COMP 10 Soil		CT91279 8/4/2025 ET-COMP 11 Soil	
	CAS	Units	NY-GWP	NY-ResRestrict	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																												
Percent Solid	PHNX - PCTSOLID	%	NS	NS	92.1	0.100	95.5	0.100	-	-	95.1	0.100	90.4	0.100	92.6	0.100	91	0.100	94.3	0.100	95.8	0.100	95.3	0.100	95.1	0.100
PFAS (40) by EPA 1633 By EPA 1633A																												
11Cl-PF3OUdS	763051-92-9	ng/g	NS	NS	< 0.819	0.819	< 0.789	0.789	-	-	< 0.792	0.792	< 0.836	0.836	< 0.815	0.815	< 0.826	0.826	< 0.801	0.801	< 0.789	0.789	< 0.792	0.792	< 0.795	0.795
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ng/g	NS	NS	< 0.832	0.832	< 0.801	0.801	-	-	< 0.805	0.805	< 0.849	0.849	< 0.827	0.827	< 0.839	0.839	< 0.814	0.814	< 0.802	0.802	< 0.805	0.805	< 0.807	0.807
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	ng/g	NS	NS	< 0.813	0.813	< 0.783	0.783	-	-	< 0.786	0.786	< 0.829	0.829	< 0.808	0.808	< 0.820	0.820	< 0.795	0.795	< 0.783	0.783	< 0.786	0.786	< 0.788	0.788
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	ng/g	NS	NS	< 0.824	0.824	< 0.793	0.793	-	-	< 0.796	0.796	< 0.840	0.840	< 0.819	0.819	< 0.830	0.830	< 0.806	0.806	< 0.793	0.793	< 0.796	0.796	< 0.799	0.799
3:3FTCA	356-02-5	ng/g	NS	NS	< 1.08	1.08	< 1.04	1.04	-	-	< 1.05	1.05	< 1.11	1.11	< 1.08	1.08	< 1.09	1.09	< 1.06	1.06	< 1.04	1.04	< 1.05	1.05	< 1.05	1.05
5:3FTCA	914637-49-3	ng/g	NS	NS	< 5.42	5.42	< 5.22	5.22	-	-	< 5.24	5.24	< 5.53	5.53	< 5.39	5.39	< 5.46	5.46	< 5.30	5.30	< 5.22	5.22	< 5.24	5.24	< 5.26	5.26
7:3FTCA	812-70-4	ng/g	NS	NS	< 5.42	5.42	< 5.22	5.22	-	-	< 5.24	5.24	< 5.53	5.53	< 5.39	5.39	< 5.46	5.46	< 5.30	5.30	< 5.22	5.22	< 5.24	5.24	< 5.26	5.26
9Cl-PF3ONS	756426-58-1	ng/g	NS	NS	< 0.811	0.811	< 0.780	0.780	-	-	< 0.784	0.784	< 0.827	0.827	< 0.806	0.806	< 0.817	0.817	< 0.793	0.793	< 0.781	0.781	< 0.784	0.784	< 0.786	0.786
ADONA	919005-14-4	ng/g	NS	NS	< 0.819	0.819	< 0.789	0.789	-	-	< 0.792	0.792	< 0.836	0.836	< 0.815	0.815	< 0.826	0.826	< 0.801	0.801	< 0.789	0.789	< 0.792	0.792	< 0.795	0.795
HFPO-DA	13252-13-6	ng/g	NS	NS	< 0.867	0.867	< 0.835	0.835	-	-	< 0.838	0.838	< 0.885	0.885	< 0.862	0.862	< 0.874	0.874	< 0.848	0.848	< 0.835	0.835	< 0.838	0.838	< 0.841	0.841
NEtFOSA	4151-50-2	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
NEtFOSAA	2991-50-6	ng/g	NS	NS	< 0.542	0.542	< 0.209	0.209	-	-	< 0.524	0.524	< 0.553	0.553	< 0.539	0.539	< 0.219	0.219	< 0.530	0.530	< 0.522	0.522	< 0.524	0.524	< 0.210	0.210
NEtFOSE	1691-99-2	ng/g	NS	NS	< 2.17	2.17	< 2.09	2.09	-	-	< 2.10	2.10	< 2.21	2.21	< 2.15	2.15	< 2.19	2.19	< 2.12	2.12	< 2.09	2.09	< 2.10	2.10	< 2.10	2.10
NFDHA	151772-58-6	ng/g	NS	NS	< 0.434	0.434	< 0.417	0.417	-	-	< 0.419	0.419	< 0.442	0.442	< 0.431	0.431	< 0.437	0.437	< 0.424	0.424	< 0.418	0.418	< 0.419	0.419	< 0.421	0.421
NMeFOSA	31506-32-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
NMeFOSAA	2355-31-9	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
NMeFOSE	24448-09-7	ng/g	NS	NS	< 2.17	2.17	< 2.09	2.09	-	-	< 2.10	2.10	< 2.21	2.21	< 2.15	2.15	< 2.19	2.19	< 2.12	2.12	< 2.09	2.09	< 2.10	2.10	< 2.10	2.10
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/g	NS	NS	< 0.209	0.209	0.0637	0.201	-	-	< 0.202	0.202	< 0.213	0.213	< 0.208	0.208	0.0822	0.211	< 0.205	0.205	< 0.201	0.201	< 0.202	0.202	< 0.203	0.203
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/g	NS	NS	< 0.192	0.192	< 0.185	0.185	-	-	< 0.185	0.185	< 0.196	0.196	< 0.191	0.191	< 0.193	0.193	< 0.188	0.188	< 0.185	0.185	< 0.185	0.185	< 0.186	0.186
Perfluorodecanoic acid (PFDA)	335-76-2	ng/g	NS	NS	< 0.217	0.217	0.0914	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	0.117	0.219	0.129	0.212	< 0.209	0.209	< 0.210	0.210	0.102	0.210
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	ng/g	NS	NS	< 0.210	0.210	< 0.202	0.202	-	-	< 0.203	0.203	< 0.215	0.215	< 0.209	0.209	< 0.212	0.212	< 0.206	0.206	< 0.202	0.202	< 0.203	0.203	< 0.204	0.204
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/g	NS	NS	0.0951	0.217	< 0.209	0.209	-	-	< 0.210	0.210	0.091	0.221	0.0975	0.215	< 0.219	0.219	0.0931	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	0.121	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ng/g	NS	NS	< 0.198	0.198	< 0.191	0.191	-	-	< 0.192	0.192	< 0.202	0.202	< 0.197	0.197	< 0.200	0.200	< 0.194	0.194	< 0.191	0.191	< 0.192	0.192	< 0.192	0.192
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	0.0916	0.219	0.0965	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/g	NS	NS	< 0.867	0.867	< 0.835	0.835	-	-	< 0.838	0.838	< 0.885	0.885	< 0.862	0.862	< 0.874	0.874	< 0.848	0.848	< 0.835	0.835	< 0.838	0.838	< 0.841	0.841
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/g	NS	NS	< 0.208	0.208	< 0.200	0.200	-	-	< 0.201	0.201	< 0.212	0.212	< 0.207	0.207	< 0.210	0.210	< 0.204	0.204	< 0.200	0.200	< 0.201	0.201	< 0.202	0.202
Perfluorononanoic acid (PFNA)	375-95-1	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ng/g	3.7	44	0.22	0.202	0.353	0.194	-	-	0.227	0.195	0.263	0.206	0.304	0.200	0.518	0.203	0.56	0.197	< 0.194	0.194	0.202	0.195	0.211	0.196
Perfluorooctanoic acid (PFOA)	335-67-1	ng/g	1.1	33	< 0.217	0.217	0.13	0.209	-	-	0.172	0.210	0.132	0.221	0.159	0.215	0.21	0.219	0.28	0.212	< 0.209	0.209	0.184	0.210	0.196	0.210
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/g	NS	NS	< 0.204	0.204	< 0.196	0.196	-	-	< 0.197	0.197	< 0.208	0.208	< 0.203	0.203	< 0.205	0.205	< 0.199	0.199	< 0.196	0.196	< 0.197	0.197	< 0.198	0.198
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/g	NS	NS	< 0.434	0.434	< 0.417	0.417	-	-	< 0.419	0.419	0.09	0.442	< 0.431	0.431	0.142	0.437	0.127	0.424	< 0.418	0.418	< 0.419	0.419	0.0972	0.421
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
PFEESA	113507-82-7	ng/g	NS	NS	< 0.386	0.386	0.126	0.371	-	-	< 0.373	0.373	< 0.394	0.394	< 0.384	0.384	0.131	0.389	< 0.377	0.377	< 0.372	0.372	< 0.373	0.373	0.127	0.374
PFMBA	863090-89-5	ng/g	NS	NS	< 0.434	0.434	0.134	0.417	-	-	< 0.419	0.419	< 0.442	0.442	< 0.431	0.431	0.143	0.437	< 0.424	0.424	< 0.418	0.418	< 0.419	0.419	0.137	0.421
PFMPA	377-73-1	ng/g	NS	NS	< 0.434	0.434	0.175	0.417	-	-	< 0.419	0.419	< 0.442	0.442	< 0.431	0.431	0.179	0.437	< 0.424	0.424	< 0.418	0.418	< 0.419	0.419	0.172	0.421
11Cl-PF3OUdS	763051-92-9	ng/L	NS	NS	-	-	-	-	< 72.6	72.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ng/L	NS	NS	-	-	-	-	< 73.7	73.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	ng/L	NS	NS	-	-	-	-	< 72.0	72.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	ng/L	NS	NS	-	-	-	-	< 72.9	72.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:3FTCA	356-02-5	ng/L	NS	NS	-	-	-	-	< 96.0	96.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:3FTCA	914637-49-3	ng/L	NS	NS	-	-	-	-	< 480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7:3FTCA	812-70-4	ng/L	NS	NS	-	-	-	-	< 480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9Cl-PF3ONS	756426-58-1	ng/L	NS	NS	-	-	-	-	< 71.8	71.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ADONA	919005-14-4	ng/L	NS	NS	-	-	-	-	< 72.6	72.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HFPO-DA	13252-13-6	ng/L	NS	NS	-	-	-	-	< 76.8	76.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEtFOSA	4151-50-2	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEtFOSAA	2991-50-6	ng/L	NS	NS	-	-	-	-	12.7	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEtFOSE	1691-99-2	ng/L	NS	NS	-	-	-	-	< 192	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NFDHA	151772-58-6	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NMeFOSA	31506-32-8	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NMeFOSAA	2355-31-9	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NMeFOSE	24448-09-7	ng/L	NS	NS	-	-	-	-	< 192	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/L	NS	NS	-	-	-	-	< 18.5	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/L	NS	NS	-	-	-	-	< 18.3	18.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/L	NS	NS	-	-	-	-	< 17.0	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	335-76-2	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	ng/L	NS	NS	-	-	-	-	< 18.6	18.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ng/L	NS	NS	-	-	-	-	< 17.6	17.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/L	NS	NS	-	-	-	-	< 76.8	76.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/L	NS	NS	-	-	-	-	< 18.4	18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	375-95-1	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ng/L	NS	NS	-	-	-	-	< 17.9	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	335-67-1	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/L	NS	NS	-	-	-	-	< 18.0	18.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFEESA	113507-82-7	ng/L	NS	NS	-	-	-	-	< 34.2	34.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFMBA	863090-89-5	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFMPA	377-73-1	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

NY-GWP Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Protection of Groundwater Guidance Values (April 2023)
NY-ResRestricted Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Restricted Residential Guidance Values (April 2023)
NS No standard
- Not analyzed
ng/g nanograms per gram
ng/L nanograms per liter

Phoenix Environmental Laboratories, Inc.						
587 East Middle Turnpike						
P.O. Box 370	Lab Sample Id				CT91268	
Manchester, CT 06040	Collection Date				8/4/2025	
(860) 645-1102	Client Id				ET-COMP 1	
	Matrix				Soil	
Project Id : EARTH TECH						
	CAS	Units	NY-GWP	NY-ResRestrict	Result	RL
Miscellaneous/Inorganics						
Percent Solid	PHNX - PCTSOLID	%	NS	NS	92.9	0.100
PFAS (40) by EPA 1633 By EPA 1633A						
11Cl-PF3OUdS	763051-92-9	ng/g	NS	NS	< 0.811	0.811
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ng/g	NS	NS	< 0.824	0.824
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	ng/g	NS	NS	< 0.804	0.804
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	ng/g	NS	NS	< 0.815	0.815
3:3FTCA	356-02-5	ng/g	NS	NS	< 1.07	1.07
5:3FTCA	914637-49-3	ng/g	NS	NS	< 5.36	5.36
7:3FTCA	812-70-4	ng/g	NS	NS	< 5.36	5.36
9Cl-PF3ONS	756426-58-1	ng/g	NS	NS	< 0.802	0.802
ADONA	919005-14-4	ng/g	NS	NS	< 0.811	0.811
HFPO-DA	13252-13-6	ng/g	NS	NS	< 0.858	0.858
NEtFOSA	4151-50-2	ng/g	NS	NS	< 0.214	0.214
NEtFOSAA	2991-50-6	ng/g	NS	NS	< 0.214	0.214
NEtFOSE	1691-99-2	ng/g	NS	NS	< 2.14	2.14
NFDHA	151772-58-6	ng/g	NS	NS	< 0.429	0.429
NMeFOSA	31506-32-8	ng/g	NS	NS	< 0.214	0.214
NMeFOSAA	2355-31-9	ng/g	NS	NS	< 0.214	0.214
NMeFOSE	24448-09-7	ng/g	NS	NS	< 2.14	2.14
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/g	NS	NS	0.076	0.207
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/g	NS	NS	< 0.214	0.214
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/g	NS	NS	< 0.214	0.214
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/g	NS	NS	< 0.190	0.190
Perfluorodecanoic acid (PFDA)	335-76-2	ng/g	NS	NS	0.0966	0.214
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	ng/g	NS	NS	< 0.208	0.208
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/g	NS	NS	< 0.214	0.214
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/g	NS	NS	< 0.214	0.214
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ng/g	NS	NS	< 0.196	0.196
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/g	NS	NS	< 0.214	0.214
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/g	NS	NS	< 0.858	0.858
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/g	NS	NS	< 0.206	0.206
Perfluorononanoic acid (PFNA)	375-95-1	ng/g	NS	NS	< 0.214	0.214
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ng/g	3.7	44	0.257	0.199
Perfluorooctanoic acid (PFOA)	335-67-1	ng/g	1.1	33	0.159	0.214
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/g	NS	NS	0.0763	0.202
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/g	NS	NS	0.13	0.429
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/g	NS	NS	< 0.214	0.214
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/g	NS	NS	< 0.214	0.214
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/g	NS	NS	< 0.214	0.214
PFEESA	113507-82-7	ng/g	NS	NS	0.13	0.382
PFMBA	863090-89-5	ng/g	NS	NS	0.138	0.429
PFMPA	377-73-1	ng/g	NS	NS	0.176	0.429

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

NY-GWP Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Protection of Groundwater Guidance Values (April 2023)

NY-ResRestricted Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Restricted Residential Guidance Values (April 2023)

NS No standard

\- Not analyzed

ng/g nanograms per gram

ng/L nanograms per liter

July 29, 2025

Appendix D
Photographs





Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

July 29, 2025

Appendix E
Gradation and Proctor

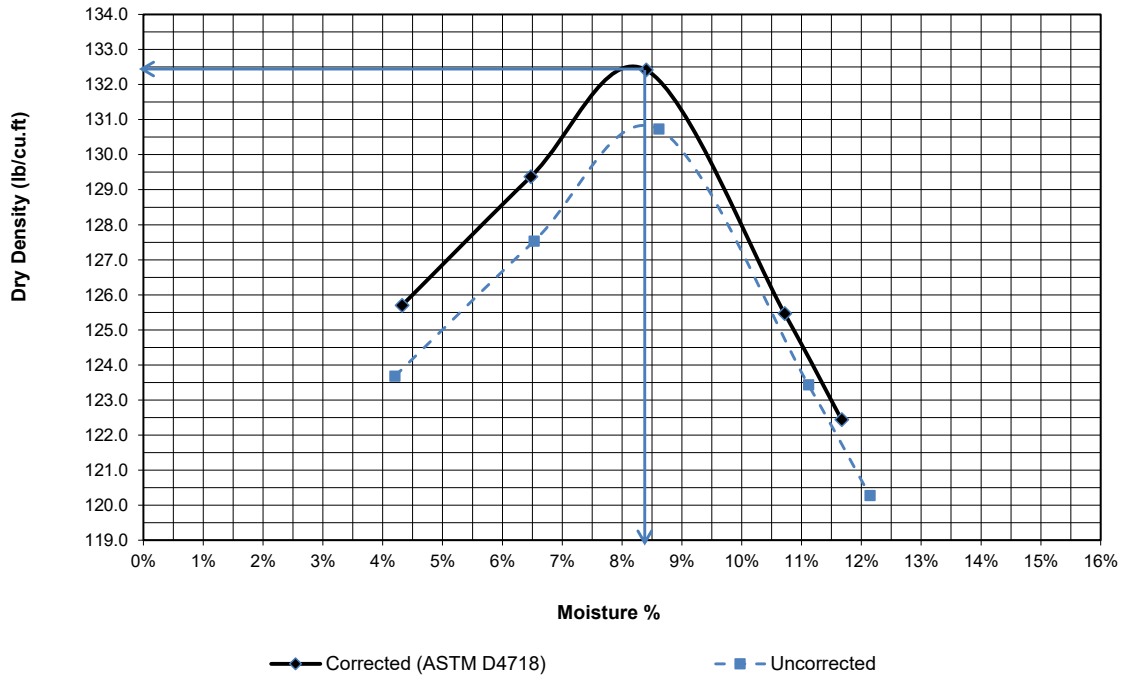
Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	8/11/2025
PROJECT NAME:	Willets Point - Triangle	**TPI PROJECT NO.:**	2500079
PROJECT ADDRESS:	1800 Access Rd Oceanside NY 11572	**CCTL NO. :**	8906
MATERIAL DESCRIPTION:	SOIL	**DATE RECEIVED:**	8/4/2025
		TECHNICIAN:	Alec Robayo

COMPACTION CHARACTERISTICS OF SOIL USING MODIFIED EFFORT (ASTM D1557 - METHOD C)

MOISTURE - DENSITY CURVE



CORRECTED MAXIMUM DRY DENSITY	**132.5 pcf**
CORRECTED OPTIMUM MOISTURE %	**8.4 %**

REMARKS Material was sampled by the client and picked up by Twin Peaks

Oversize fraction is 7.5% retained on 3/4 inch sieve.

All general information listed in this report, location and project where the test specimens were prepared is as provided to us by the Client. All reports are confidential property of the Client, and information contained herein may not be published or reproduced without our written approval.
Results obtained is limited only to the items inspected or tested. This report cannot be reproduced, except in full, without the prior written approval of Twin Peaks.

New York City Qualification No. 3

STATE OF NEW YORK
MAXIM KORNGOLD
LICENSED PROFESSIONAL ENGINEER
106440

My P.E. seal must appear in blue ink only
Otherwise this document is null and void

Maxim Korngold, P.E.

8/11/2025
Date

July 29, 2025

Appendix F
Laboratory Report

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

PHOENIX
Environmental Laboratories, Inc.

Monday, June 02, 2025

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

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
SDG ID: GCT32230
Sample ID#s: CT32230 - CT32238

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

June 02, 2025

SDG I.D.: GCT32230

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

June 02, 2025

SDG I.D.: GCT32230

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY

Client Id	Lab Id	Matrix	Col Date
ET-VOC 1	CT32230	SOIL	05/19/25 0:00
ET-VOC 2	CT32231	SOIL	05/19/25 0:00
ET-VOC 3	CT32232	SOIL	05/19/25 0:00
ET-VOC 4	CT32233	SOIL	05/19/25 0:00
ET-VOC 5	CT32234	SOIL	05/19/25 0:00
ET-VOC 6	CT32235	SOIL	05/19/25 0:00
ET-COMP 1	CT32236	SOIL	05/19/25 0:00
ET-COMP 2	CT32237	SOIL	05/19/25 0:00
ET-COMP 3	CT32238	SOIL	05/19/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32230

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 1

Phoenix I.D.: CT32230

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	89	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	24	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	24	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32231

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 2

Phoenix I.D.: CT32231

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	78	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	21	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32232

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	05/21/25	JLI	70 - 130 %

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 3

Phoenix I.D.: CT32232

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	74	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	98	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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



Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32233

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 4

Phoenix I.D.: CT32233

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	90		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	90		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	29	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	29	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	140	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32234

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 5

Phoenix I.D.: CT32234

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 5

Phoenix I.D.: CT32234

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	83	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32235

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 6

Phoenix I.D.: CT32235

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	05/21/25	JLI	70 - 130 %

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32236

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Arsenic	1.94	0.66		mg/Kg	1	05/21/25	TH	SW6010D	
Barium	44.5	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Beryllium	< 0.27	0.27		mg/Kg	1	05/21/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Chromium	14.3	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Copper	11.6	0.7		mg/kg	1	05/21/25	TH	SW6010D	
Mercury	< 0.03	0.03		mg/Kg	2	05/22/25	JM	SW7471B	
Manganese	183	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Nickel	14.5	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Lead	18.0	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	05/21/25	TH	SW6010D	
Trivalent Chromium	14.3	0.33		mg/kg	1	05/28/25		CALC 6010-7196	
Zinc	30.7	0.7		mg/Kg	1	05/21/25	TH	SW6010D	
Percent Solid	93			%		05/20/25	CV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.37	0.37		mg/Kg	1	05/28/25	NP	SW7196A	
pH at 20C - Soil	8.38	1.00		pH Units	1	05/21/25 00:12	MW	SW846 9045D	
Redox Potential	240			mV	1	05/21/25	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	05/28/25	IG/GD	SW9012B	
Mercury Digestion	Completed					05/21/25	AC1/AC1	SW7471B	
Soil Extraction for Herbicide	Completed					05/27/25	P/D	SW3546	
Soil Extraction for PCB	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for Pesticides	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for SVOA	Completed					05/28/25	AC1/RB/RE	SW3546	
Total Metals Digest	Completed					05/20/25	B/AG	SW3050B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides								
2,4,5-T	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	05/28/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	98			%	10	05/28/25	JRB	30 - 150 %
% DCAA (Confirmation)	88			%	10	05/28/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	77			%	10	05/30/25	SC	30 - 150 %
% DCBP (Confirmation)	86			%	10	05/30/25	SC	30 - 150 %
% TCMX	83			%	10	05/30/25	SC	30 - 150 %
% TCMX (Confirmation)	86			%	10	05/30/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
a-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
a-Chlordane	18	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Aldrin	ND	3.6		ug/Kg	2	05/30/25	AW	SW8081B
b-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Chlordane	100	36		ug/Kg	2	05/30/25	AW	SW8081B
d-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	05/30/25	AW	SW8081B
g-Chlordane	12	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B	
Methoxychlor	ND	36		ug/Kg	2	05/30/25	AW	SW8081B	
Toxaphene	ND	140		ug/Kg	2	05/30/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	68			%	2	05/30/25	AW	30 - 150 %	
% DCBP (Confirmation)	59			%	2	05/30/25	AW	30 - 150 %	
% TCMX	62			%	2	05/30/25	AW	30 - 150 %	
% TCMX (Confirmation)	68			%	2	05/30/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Acetophenone	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Aniline	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
Anthracene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzidine	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Benzoic acid	ND	710		ug/Kg	1	05/28/25	KCA	SW8270E
Benzyl butyl phthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Carbazole	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Chrysene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Dibenzofuran	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Diethyl phthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Dimethylphthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Di-n-octylphthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Fluoranthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Fluorene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachlorobutadiene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachloroethane	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Isophorone	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Naphthalene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Nitrobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Phenanthrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Phenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Pyrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Pyridine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	104			%	1	05/28/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	86			%	1	05/28/25	KCA	30 - 130 %
% 2-Fluorophenol	78			%	1	05/28/25	KCA	30 - 130 %
% Nitrobenzene-d5	85			%	1	05/28/25	KCA	30 - 130 %
% Phenol-d5	79			%	1	05/28/25	KCA	30 - 130 %
% Terphenyl-d14	60			%	1	05/28/25	KCA	30 - 130 %
Additional Semi-Volatile Compounds								
1,1-Biphenyl	ND	250	110	ug/Kg	1	05/28/25	KCA	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	05/28/25	KCA	SW8270E
Atrazine	ND	140	71	ug/Kg	1	05/28/25	KCA	SW8270E
Benzaldehyde	ND	250	100	ug/Kg	1	05/28/25	KCA	SW8270E
Benzo(a)pyrene	ND	250	120	ug/Kg	1	05/28/25	KCA	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	05/28/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	104			%	1	05/28/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	86			%	1	05/28/25	KCA	30 - 130 %
% 2-Fluorophenol	78			%	1	05/28/25	KCA	30 - 130 %
% Nitrobenzene-d5	85			%	1	05/28/25	KCA	30 - 130 %
% Phenol-d5	79			%	1	05/28/25	KCA	30 - 130 %
% Terphenyl-d14	60			%	1	05/28/25	KCA	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 (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.

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.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32237

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Arsenic	3.37	0.64		mg/Kg	1	05/21/25	TH	SW6010D	
Barium	40.3	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	05/21/25	TH	SW6010D	
Cadmium	< 0.32	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Chromium	12.9	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Copper	13.3	0.6		mg/kg	1	05/21/25	TH	SW6010D	
Mercury	0.06	0.03		mg/Kg	2	05/22/25	JM	SW7471B	
Manganese	168	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Nickel	10.7	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Lead	37.1	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	05/21/25	TH	SW6010D	
Trivalent Chromium	12.9	0.32		mg/kg	1	05/28/25		CALC 6010-7196	
Zinc	46.2	0.6		mg/Kg	1	05/21/25	TH	SW6010D	
Percent Solid	92			%		05/20/25	CV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.40	0.40		mg/Kg	1	05/28/25	NP	SW7196A	
pH at 20C - Soil	8.55	1.00		pH Units	1	05/21/25 00:12	MW	SW846 9045D	
Redox Potential	247			mV	1	05/21/25	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	05/28/25	IG/GD	SW9012B	
Mercury Digestion	Completed					05/21/25	AC1/AC1	SW7471B	
Soil Extraction for Herbicide	Completed					05/27/25	P/D	SW3546	
Soil Extraction for PCB	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for Pesticides	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for SVOA	Completed					05/28/25	AC1/RB/RE	SW3546	
Total Metals Digest	Completed					05/20/25	B/AG	SW3050B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides								
2,4,5-T	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	05/28/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	108			%	10	05/28/25	JRB	30 - 150 %
% DCAA (Confirmation)	100			%	10	05/28/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	105			%	10	05/30/25	SC	30 - 150 %
% DCBP (Confirmation)	105			%	10	05/30/25	SC	30 - 150 %
% TCMX	96			%	10	05/30/25	SC	30 - 150 %
% TCMX (Confirmation)	94			%	10	05/30/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDE	3.6	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDT	8.4	2.1		ug/Kg	2	05/30/25	AW	SW8081B
a-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
a-Chlordane	64	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Aldrin	ND	3.6		ug/Kg	2	05/30/25	AW	SW8081B
b-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Chlordane	370	36		ug/Kg	2	05/30/25	AW	SW8081B
d-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Dieldrin	13	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	05/30/25	AW	SW8081B
g-Chlordane	43	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B	
Methoxychlor	ND	36		ug/Kg	2	05/30/25	AW	SW8081B	
Toxaphene	ND	140		ug/Kg	2	05/30/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	80			%	2	05/30/25	AW	30 - 150 %	
% DCBP (Confirmation)	70			%	2	05/30/25	AW	30 - 150 %	
% TCMX	73			%	2	05/30/25	AW	30 - 150 %	
% TCMX (Confirmation)	79			%	2	05/30/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitroaniline	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
3-Nitroaniline	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Acetophenone	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Aniline	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
Anthracene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzidine	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Benzoic acid	ND		710		ug/Kg	1	05/29/25	KCA	SW8270E
Benzyl butyl phthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Carbazole	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Chrysene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenz(a,h)anthracene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenzofuran	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Diethyl phthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Dimethylphthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-butylphthalate	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-octylphthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Fluoranthene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Fluorene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobenzene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobutadiene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachloroethane	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Isophorone	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Naphthalene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Nitrobenzene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodimethylamine	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachloronitrobenzene	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachlorophenol	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Phenanthrene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Phenol	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Pyrene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Pyridine	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates									
% 2,4,6-Tribromophenol	106				%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	81				%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73				%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	82				%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	82				%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	34				%	1	05/29/25	KCA	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND		250	110	ug/Kg	1	05/29/25	KCA	SW8270E
1,2,4,5-Tetrachlorobenzene	ND		250	120	ug/Kg	1	05/29/25	KCA	SW8270E
Atrazine	ND		140	71	ug/Kg	1	05/29/25	KCA	SW8270E
Benzaldehyde	ND		250	110	ug/Kg	1	05/29/25	KCA	SW8270E
Benzo(a)pyrene	150	J	250	120	ug/Kg	1	05/29/25	KCA	SW8270E
Caprolactam	ND		140	140	ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates									
% 2,4,6-Tribromophenol	106				%	1	05/29/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	81			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73			%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	82			%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	82			%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	34			%	1	05/29/25	KCA	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 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.

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.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32238

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.37	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Arsenic	1.51	0.74		mg/Kg	1	05/21/25	TH	SW6010D	
Barium	31.5	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Beryllium	< 0.30	0.30		mg/Kg	1	05/21/25	TH	SW6010D	
Cadmium	< 0.37	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Chromium	10.5	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Copper	25.0	0.7		mg/kg	1	05/21/25	TH	SW6010D	
Mercury	< 0.03	0.03		mg/Kg	2	05/22/25	JM	SW7471B	
Manganese	178	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Nickel	8.90	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Lead	20.0	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Selenium	< 1.5	1.5		mg/Kg	1	05/21/25	TH	SW6010D	
Trivalent Chromium	10.5	0.37		mg/kg	1	05/28/25		CALC 6010-7196	
Zinc	38.7	0.7		mg/Kg	1	05/21/25	TH	SW6010D	
Percent Solid	94			%		05/20/25	CV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.39	0.39		mg/Kg	1	05/28/25	NP	SW7196A	
pH at 20C - Soil	8.61	1.00		pH Units	1	05/21/25 00:12	MW	SW846 9045D	
Redox Potential	248			mV	1	05/21/25	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.53	0.53		mg/Kg	1	05/28/25	IG/GD	SW9012B	
Mercury Digestion	Completed					05/21/25	AC1/AC1	SW7471B	
Soil Extraction for Herbicide	Completed					05/27/25	P/D	SW3546	
Soil Extraction for PCB	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for Pesticides	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for SVOA	Completed					05/28/25	AC1/RB/RE	SW3546	
Total Metals Digest	Completed					05/20/25	B/AG	SW3050B	

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 3

Phoenix I.D.: CT32238

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides								
2,4,5-T	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	05/28/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	05/28/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	05/28/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	112			%	10	05/28/25	JRB	30 - 150 %
% DCAA (Confirmation)	104			%	10	05/28/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1221	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1232	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1242	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1248	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1254	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1260	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1262	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1268	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	87			%	10	05/30/25	SC	30 - 150 %
% DCBP (Confirmation)	99			%	10	05/30/25	SC	30 - 150 %
% TCMX	95			%	10	05/30/25	SC	30 - 150 %
% TCMX (Confirmation)	100			%	10	05/30/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	3.0		ug/Kg	2	05/29/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	05/29/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	05/29/25	AW	SW8081B
a-BHC	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
a-Chlordane	29	3.5		ug/Kg	2	05/29/25	AW	SW8081B
Aldrin	ND	3.5		ug/Kg	2	05/29/25	AW	SW8081B
b-BHC	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Chlordane	120	35		ug/Kg	2	05/29/25	AW	SW8081B
d-BHC	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	05/29/25	AW	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endrin	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	05/29/25	AW	SW8081B
g-Chlordane	19	3.5		ug/Kg	2	05/29/25	AW	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B	
Methoxychlor	ND	35		ug/Kg	2	05/29/25	AW	SW8081B	
Toxaphene	ND	140		ug/Kg	2	05/29/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	67			%	2	05/29/25	AW	30 - 150 %	
% DCBP (Confirmation)	111			%	2	05/29/25	AW	30 - 150 %	
% TCMX	67			%	2	05/29/25	AW	30 - 150 %	
% TCMX (Confirmation)	69			%	2	05/29/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitroaniline	ND	560		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Acetophenone	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Aniline	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
Anthracene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzidine	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Benzoic acid	ND	690		ug/Kg	1	05/29/25	KCA	SW8270E
Benzyl butyl phthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Carbazole	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Chrysene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Fluoranthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Fluorene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Isophorone	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Naphthalene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Phenanthrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Phenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Pyrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Pyridine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	95			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	80			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73			%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	81			%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	73			%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	30			%	1	05/29/25	KCA	30 - 130 %
Additional Semi-Volatile Compounds								
1,1-Biphenyl	ND	240	110	ug/Kg	1	05/29/25	KCA	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	05/29/25	KCA	SW8270E
Atrazine	ND	140	69	ug/Kg	1	05/29/25	KCA	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	05/29/25	KCA	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	05/29/25	KCA	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	95			%	1	05/29/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	80			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73			%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	81			%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	73			%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	30			%	1	05/29/25	KCA	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 (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.

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.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

NY # 11301

QA/QC Report

June 02, 2025

QA/QC Data

SDG I.D.: GCT32230

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 786245 (mg/kg), QC Sample No: CT32229 (CT32236, CT32237, CT32238)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.37	<0.37	NC	92.9						80 - 120	30	
Chromium, Hexavalent (Ins)						91.8			92.1			80 - 120	30	
Chromium, Hexavalent (Sol)						93.6			66.7			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 785379 (mg/kg), QC Sample No: CT31912 (CT32236, CT32237, CT32238)														
Mercury - Soil	BRL	0.03	0.03	0.04	NC	89.0	93.6	5.0	94.0	84.2	11.0	70 - 130	30	
Comment:														
Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 785280 (mg/kg), QC Sample No: CT32226 (CT32236, CT32237, CT32238)														
ICP Metals - Soil														
Arsenic	BRL	0.67	2.21	2.37	NC	87.0	90.5	3.9	96.1			75 - 125	30	
Barium	BRL	0.33	56.2	62.9	11.3	94.2	101	7.0	113			75 - 125	30	
Beryllium	BRL	0.27	0.34	0.40	NC	102	109	6.6	103			75 - 125	30	
Cadmium	BRL	0.33	0.46	<0.35	NC	99.1	108	8.6	102			75 - 125	30	
Chromium	BRL	0.33	14.6	14.9	2.00	102	110	7.5	105			75 - 125	30	
Copper	BRL	0.67	56.8	47.6	17.6	105	109	3.7	110			75 - 125	30	
Lead	BRL	0.33	35.0	36.5	4.20	95.1	98.3	3.3	108			75 - 125	30	
Manganese	BRL	0.33	340	323	5.10	98.6	101	2.4	126			75 - 125	30	m
Nickel	BRL	0.33	16.6	14.7	12.1	103	108	4.7	99.4			75 - 125	30	
Selenium	BRL	1.3	<1.3	<1.4	NC	80.5	83.7	3.9	83.6			75 - 125	30	
Silver	BRL	0.33	<0.33	<0.35	NC	91.7	94.4	2.9	99.5			75 - 125	30	
Zinc	BRL	0.67	384	93.0	122	98.8	102	3.2	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.

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

NY # 11301

QA/QC Report

June 02, 2025

QA/QC Data

SDG I.D.: GCT32230

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 786197 (mg/Kg), QC Sample No: CT32237 (CT32236, CT32237, CT32238)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.54	<0.54	NC	93.7	87.4	7.0	99.0			80 - 120	30
Comment:													
Additional: MS acceptance range is 75-125%.													
QA/QC Batch 785338 (PH), QC Sample No: CT32226 (CT32236, CT32237, CT32238)													
pH			8.46	8.45	0.10	100						85 - 115	20
QA/QC Batch 785339 (mV), QC Sample No: CT32226 (CT32236, CT32237, CT32238)													
Redox Potential			179	178	NC							75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													

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

NY # 11301

QA/QC Report

June 02, 2025

QA/QC Data

SDG I.D.: GCT32230

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 786160 (ug/Kg), QC Sample No: CT32236 (CT32236, CT32237, CT32238)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	130	84	84	0.0	76	69	9.7	40 - 140	30	
2,4,5-TP (Silvex)	ND	130	83	84	1.2	73	67	8.6	40 - 140	30	
2,4-D	ND	250	86	88	2.3	77	71	8.1	40 - 140	30	
2,4-DB	ND	2500	70	73	4.2	63	56	11.8	40 - 140	30	
Dalapon	ND	130	70	67	4.4	55	57	3.6	40 - 140	30	
Dicamba	ND	130	81	82	1.2	69	68	1.5	40 - 140	30	
Dichloroprop	ND	130	92	90	2.2	80	75	6.5	40 - 140	30	
Dinoseb	ND	130	80	82	2.5	71	64	10.4	40 - 140	30	
% DCAA (Surrogate Rec)	102	%	114	113	0.9	102	96	6.1	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	95	%	103	104	1.0	93	87	6.7	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 786320 (ug/Kg), QC Sample No: CT32980 (CT32236, CT32237, CT32238)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	79	77	2.6	79	78	1.3	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	77	76	1.3	79	77	2.6	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	79	%	94	92	2.2	96	94	2.1	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	89	%	101	100	1.0	102	102	0.0	30 - 150	30	
% TCMX (Surrogate Rec)	70	%	85	83	2.4	87	85	2.3	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	73	%	88	87	1.1	91	88	3.4	30 - 150	30	
QA/QC Batch 786321 (ug/Kg), QC Sample No: CT32980 (CT32236, CT32237, CT32238)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	73	85	15.2	74	78	5.3	40 - 140	30	
4,4' -DDE	ND	1.7	71	81	13.2	75	75	0.0	40 - 140	30	
4,4' -DDT	ND	1.7	68	79	15.0	73	70	4.2	40 - 140	30	
a-BHC	ND	1.0	67	74	9.9	73	72	1.4	40 - 140	30	
a-Chlordane	ND	3.3	66	79	17.9	74	73	1.4	40 - 140	30	
Aldrin	ND	1.0	65	73	11.6	69	70	1.4	40 - 140	30	
b-BHC	ND	1.0	68	75	9.8	70	71	1.4	40 - 140	30	
Chlordane	ND	33	46	89	63.7	72	73	1.4	40 - 140	30	r
d-BHC	ND	3.3	60	62	3.3	61	61	0.0	40 - 140	30	
Dieldrin	ND	1.0	70	79	12.1	73	73	0.0	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endosulfan I	ND	3.3	58	71	20.2	67	69	2.9	40 - 140	30	
Endosulfan II	ND	3.3	70	77	9.5	73	71	2.8	40 - 140	30	
Endosulfan sulfate	ND	3.3	69	78	12.2	72	73	1.4	40 - 140	30	
Endrin	ND	3.3	75	85	12.5	80	79	1.3	40 - 140	30	
Endrin aldehyde	ND	3.3	67	78	15.2	69	69	0.0	40 - 140	30	
Endrin ketone	ND	3.3	75	89	17.1	81	82	1.2	40 - 140	30	
g-BHC	ND	1.0	71	80	11.9	74	75	1.3	40 - 140	30	
g-Chlordane	ND	3.3	46	89	63.7	72	73	1.4	40 - 140	30	r
Heptachlor	ND	3.3	63	70	10.5	63	62	1.6	40 - 140	30	
Heptachlor epoxide	ND	3.3	68	77	12.4	71	72	1.4	40 - 140	30	
Methoxychlor	ND	3.3	68	79	15.0	67	66	1.5	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	65	%	70	74	5.6	70	70	0.0	30 - 150	30	
% DCBP (Confirmation)	57	%	56	63	11.8	64	62	3.2	30 - 150	30	
% TCMX	65	%	68	74	8.5	70	72	2.8	30 - 150	30	
% TCMX (Confirmation)	65	%	66	72	8.7	74	74	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 786315 (ug/kg), QC Sample No: CT32236 (CT32236, CT32237, CT32238)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	58	63	8.3	60	68	12.5	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230	57	65	13.1	57	64	11.6	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	53	58	9.0	52	60	14.3	40 - 140	30	
1,2-Dichlorobenzene	ND	180	49	48	2.1	46	54	16.0	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	62	70	12.1	65	75	14.3	40 - 140	30	
1,3-Dichlorobenzene	ND	230	45	45	0.0	41	51	21.7	40 - 140	30	
1,4-Dichlorobenzene	ND	230	46	45	2.2	42	52	21.3	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	41	42	2.4	40	48	18.2	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	69	77	11.0	75	82	8.9	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	68	76	11.1	74	81	9.0	30 - 130	30	
2,4-Dichlorophenol	ND	130	61	71	15.2	65	70	7.4	30 - 130	30	
2,4-Dimethylphenol	ND	230	64	74	14.5	66	72	8.7	30 - 130	30	
2,4-Dinitrophenol	ND	230	76	93	20.1	47	72	42.0	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	73	89	19.8	82	91	10.4	30 - 130	30	
2,6-Dinitrotoluene	ND	130	71	81	13.2	74	83	11.5	40 - 140	30	
2-Chloronaphthalene	ND	230	60	63	4.9	61	70	13.7	40 - 140	30	
2-Chlorophenol	ND	230	57	56	1.8	57	63	10.0	30 - 130	30	
2-Methylnaphthalene	ND	230	63	72	13.3	65	72	10.2	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	71	72	1.4	70	79	12.1	40 - 140	30	
2-Nitroaniline	ND	330	96	116	18.9	108	120	10.5	40 - 140	30	
2-Nitrophenol	ND	230	59	67	12.7	62	69	10.7	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	62	67	7.8	65	72	10.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	90	106	16.3	92	101	9.3	40 - 140	30	
3-Nitroaniline	ND	330	77	88	13.3	83	92	10.3	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	74	87	16.1	64	80	22.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	63	76	18.7	66	75	12.8	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	69	84	19.6	76	82	7.6	30 - 130	30	
4-Chloroaniline	ND	230	61	73	17.9	67	74	9.9	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	66	77	15.4	72	80	10.5	40 - 140	30	
4-Nitroaniline	ND	230	71	83	15.6	79	90	13.0	40 - 140	30	
4-Nitrophenol	ND	230	78	94	18.6	89	98	9.6	30 - 130	30	

QA/QC Data

SDG I.D.: GCT32230

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acenaphthene	ND	230	54	60	10.5	57	65	13.1	30 - 130	30	
Acenaphthylene	ND	130	50	54	7.7	51	59	14.5	40 - 140	30	
Acetophenone	ND	230	56	58	3.5	57	64	11.6	40 - 140	30	
Aniline	ND	330	50	54	7.7	52	58	10.9	40 - 140	30	
Anthracene	ND	230	61	69	12.3	65	72	10.2	40 - 140	30	
Atrazine	ND	130	60	71	16.8	63	71	11.9	40 - 140	30	
Benz(a)anthracene	ND	230	60	73	19.5	68	73	7.1	40 - 140	30	
Benzaldehyde	ND	230	92	92	0.0	73	90	20.9	40 - 140	30	
Benzidine	ND	330	81	108	28.6	39	52	28.6	40 - 140	30	m
Benzo(a)pyrene	ND	130	61	71	15.2	66	75	12.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160	56	69	20.8	66	73	10.1	40 - 140	30	
Benzo(ghi)perylene	ND	230	61	74	19.3	48	50	4.1	40 - 140	30	
Benzo(k)fluoranthene	ND	230	52	63	19.1	61	72	16.5	40 - 140	30	
Benzoic Acid	ND	670	78	91	15.4	32	53	49.4	30 - 130	30	r
Benzyl butyl phthalate	ND	230	70	85	19.4	77	86	11.0	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	55	63	13.6	57	62	8.4	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	48	49	2.1	48	55	13.6	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	68	80	16.2	73	81	10.4	40 - 140	30	
Caprolactam	ND	230	60	80	28.6	62	75	19.0	40 - 140	30	
Carbazole	ND	230	67	79	16.4	71	83	15.6	40 - 140	30	
Chrysene	ND	230	63	73	14.7	65	74	12.9	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	66	78	16.7	64	68	6.1	40 - 140	30	
Dibenzofuran	ND	230	64	72	11.8	68	77	12.4	40 - 140	30	
Diethyl phthalate	ND	230	70	82	15.8	75	84	11.3	40 - 140	30	
Dimethylphthalate	ND	230	68	78	13.7	72	80	10.5	40 - 140	30	
Di-n-butylphthalate	ND	670	67	84	22.5	66	78	16.7	40 - 140	30	
Di-n-octylphthalate	ND	230	77	92	17.8	67	73	8.6	40 - 140	30	
Fluoranthene	ND	230	61	76	21.9	57	67	16.1	40 - 140	30	
Fluorene	ND	230	64	73	13.1	69	77	11.0	40 - 140	30	
Hexachlorobenzene	ND	130	65	76	15.6	70	79	12.1	40 - 140	30	
Hexachlorobutadiene	ND	230	52	56	7.4	50	58	14.8	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	41	49	17.8	37	33	11.4	40 - 140	30	m
Hexachloroethane	ND	130	49	49	0.0	44	53	18.6	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	65	80	20.7	65	68	4.5	40 - 140	30	
Isophorone	ND	130	55	65	16.7	57	62	8.4	40 - 140	30	
Naphthalene	ND	230	50	55	9.5	50	56	11.3	40 - 140	30	
Nitrobenzene	ND	130	55	56	1.8	56	64	13.3	40 - 140	30	
N-Nitrosodimethylamine	ND	230	33	34	3.0	21	24	13.3	40 - 140	30	l,m
N-Nitrosodi-n-propylamine	ND	130	60	62	3.3	60	69	14.0	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	64	74	14.5	68	76	11.1	40 - 140	30	
Pentachloronitrobenzene	ND	230	70	81	14.6	76	84	10.0	40 - 140	30	
Pentachlorophenol	ND	230	69	82	17.2	74	80	7.8	30 - 130	30	
Phenanthrene	ND	130	62	71	13.5	66	73	10.1	40 - 140	30	
Phenol	ND	230	67	68	1.5	65	74	12.9	30 - 130	30	
Pyrene	ND	230	57	69	19.0	49	62	23.4	30 - 130	30	
Pyridine	ND	230	17	26	41.9	18	20	10.5	40 - 140	30	l,m,r
% 2,4,6-Tribromophenol	96	%	77	90	15.6	85	94	10.1	30 - 130	30	
% 2-Fluorobiphenyl	82	%	62	64	3.2	62	70	12.1	30 - 130	30	
% 2-Fluorophenol	75	%	61	61	0.0	64	67	4.6	30 - 130	30	
% Nitrobenzene-d5	79	%	55	57	3.6	56	63	11.8	30 - 130	30	
% Phenol-d5	73	%	63	64	1.6	63	69	9.1	30 - 130	30	
% Terphenyl-d14	64	%	54	67	21.5	45	57	23.5	30 - 130	30	

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 785476 (ug/kg), QC Sample No: CT31941 (CT32230, CT32231, CT32232, CT32233, CT32234, CT32235)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	5.0	119	121	1.7	117	118	0.9	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	120	121	0.8	115	120	4.3	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	104	105	1.0	111	112	0.9	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	102	105	2.9	100	101	1.0	70 - 130	20	
1,1-Dichloroethane	ND	5.0	101	100	1.0	93	96	3.2	70 - 130	20	
1,1-Dichloroethene	ND	5.0	102	100	2.0	90	94	4.3	70 - 130	20	
1,1-Dichloropropene	ND	5.0	108	109	0.9	104	107	2.8	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	102	1.0	68	71	4.3	70 - 130	20	m
1,2,3-Trichloropropane	ND	5.0	106	109	2.8	109	108	0.9	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	101	102	1.0	72	75	4.1	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	104	104	0.0	105	107	1.9	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	119	122	2.5	106	113	6.4	70 - 130	20	
1,2-Dibromoethane	ND	5.0	106	107	0.9	99	102	3.0	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0	99	101	2.0	91	93	2.2	70 - 130	20	
1,2-Dichloroethane	ND	5.0	104	104	0.0	100	101	1.0	70 - 130	20	
1,2-Dichloropropane	ND	5.0	99	101	2.0	96	100	4.1	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	105	105	0.0	108	111	2.7	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	102	102	0.0	93	95	2.1	70 - 130	20	
1,3-Dichloropropane	ND	5.0	101	103	2.0	99	101	2.0	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	100	101	1.0	91	93	2.2	70 - 130	20	
1,4-dioxane	ND	100	94	99	5.2	101	93	8.2	70 - 130	20	
2,2-Dichloropropane	ND	5.0	134	130	3.0	114	117	2.6	70 - 130	20	l
2-Chlorotoluene	ND	5.0	105	106	0.9	106	110	3.7	70 - 130	20	
2-Hexanone	ND	25	97	97	0.0	85	86	1.2	70 - 130	20	
2-Isopropyltoluene	ND	5.0	105	105	0.0	107	109	1.9	70 - 130	20	
4-Chlorotoluene	ND	5.0	104	105	1.0	102	104	1.9	70 - 130	20	
4-Methyl-2-pentanone	ND	25	98	101	3.0	92	94	2.2	70 - 130	20	
Acetone	ND	10	90	89	1.1	75	80	6.5	70 - 130	20	
Acrolein	ND	25	99	98	1.0	45	50	10.5	70 - 130	20	m
Acrylonitrile	ND	5.0	93	92	1.1	66	68	3.0	70 - 130	20	m
Benzene	ND	1.0	103	103	0.0	100	101	1.0	70 - 130	20	
Bromobenzene	ND	5.0	105	105	0.0	102	106	3.8	70 - 130	20	
Bromochloromethane	ND	5.0	107	98	8.8	88	91	3.4	70 - 130	20	
Bromodichloromethane	ND	5.0	113	112	0.9	108	108	0.0	70 - 130	20	
Bromoform	ND	5.0	126	129	2.4	114	117	2.6	70 - 130	20	
Bromomethane	ND	5.0	96	96	0.0	88	89	1.1	70 - 130	20	
Carbon Disulfide	ND	5.0	106	102	3.8	86	92	6.7	70 - 130	20	
Carbon tetrachloride	ND	5.0	137	135	1.5	123	127	3.2	70 - 130	20	l
Chlorobenzene	ND	5.0	103	104	1.0	99	101	2.0	70 - 130	20	
Chloroethane	ND	5.0	98	97	1.0	89	93	4.4	70 - 130	20	
Chloroform	ND	5.0	108	107	0.9	97	100	3.0	70 - 130	20	
Chloromethane	ND	5.0	107	106	0.9	96	99	3.1	70 - 130	20	
cis-1,2-Dichloroethene	ND	5.0	95	90	5.4	83	87	4.7	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	112	114	1.8	102	104	1.9	70 - 130	20	
Dibromochloromethane	ND	3.0	121	121	0.0	115	117	1.7	70 - 130	20	
Dibromomethane	ND	5.0	102	104	1.9	95	98	3.1	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	124	119	4.1	113	120	6.0	70 - 130	20	

QA/QC Data

SDG I.D.: GCT32230

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	104	106	1.9	102	105	2.9	70 - 130	20
Hexachlorobutadiene	ND	5.0	106	105	0.9	85	90	5.7	70 - 130	20
Isopropylbenzene	ND	1.0	109	106	2.8	113	116	2.6	70 - 130	20
m&p-Xylene	ND	2.0	103	104	1.0	100	103	3.0	70 - 130	20
Methyl ethyl ketone	ND	5.0	93	92	1.1	84	85	1.2	70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	94	95	1.1	87	89	2.3	70 - 130	20
Methylacetate	ND	5.0	88	88	0.0	89	91	2.2	70 - 130	20
Methylene chloride	ND	5.0	94	93	1.1	83	87	4.7	70 - 130	20
Naphthalene	ND	5.0	108	110	1.8	74	78	5.3	70 - 130	20
n-Butylbenzene	ND	1.0	103	102	1.0	98	101	3.0	70 - 130	20
n-Propylbenzene	ND	1.0	107	108	0.9	109	112	2.7	70 - 130	20
o-Xylene	ND	2.0	103	104	1.0	101	103	2.0	70 - 130	20
p-Isopropyltoluene	ND	1.0	105	105	0.0	105	108	2.8	70 - 130	20
sec-Butylbenzene	ND	1.0	105	105	0.0	106	109	2.8	70 - 130	20
Styrene	ND	5.0	103	103	0.0	94	97	3.1	70 - 130	20
tert-butyl alcohol	ND	100	78	82	5.0	96	85	12.2	70 - 130	20
tert-Butylbenzene	ND	1.0	106	105	0.9	110	111	0.9	70 - 130	20
Tetrachloroethene	ND	5.0	109	106	2.8	105	107	1.9	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	92	96	4.3	75	75	0.0	70 - 130	20
Toluene	ND	1.0	104	105	1.0	102	102	0.0	70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	102	102	0.0	89	96	7.6	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	119	121	1.7	101	103	2.0	70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	127	130	2.3	110	113	2.7	70 - 130	20
Trichloroethene	ND	5.0	107	109	1.9	99	103	4.0	70 - 130	20
Trichlorofluoromethane	ND	5.0	120	117	2.5	110	115	4.4	70 - 130	20
Trichlorotrifluoroethane	ND	5.0	112	110	1.8	101	107	5.8	70 - 130	20
Vinyl chloride	ND	5.0	107	105	1.9	94	100	6.2	70 - 130	20
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	100	1.0	70 - 130	20
% Bromofluorobenzene	98	%	98	98	0.0	95	97	2.1	70 - 130	20
% Dibromofluoromethane	94	%	101	99	2.0	90	90	0.0	70 - 130	20
% Toluene-d8	97	%	100	100	0.0	100	100	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%.

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025

Monday, June 02, 2025

Sample Criteria Exceedances Report

GCT32230 - TAYLORD

Criteria: NY: 375GWP, 375RS

State: NY

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 02, 2025 SDG I.D.: GCT32230

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

Herbicide Narration

AU-ECD2 05/27/25-1: CT32236, CT32237, CT32238

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT32236
Preceding CC 527B060 - 2,4,5-T (11) 24%H (20%)
Succeeding CC 527B072 - 2,4,5-T (11) 23%H (20%), Dinoseb 21%H (20%)
Samples: CT32237, CT32238
Preceding CC 527B072 - 2,4,5-T (11) 23%H (20%), Dinoseb 21%H (20%)
Succeeding CC 527B084 - 2,4,5-T (11) 27%H (20%), Dalapon (1) 21%H (20%), Dinoseb 24%H (20%)

PEST Narration

AU-ECD35 05/29/25-1: CT32236, CT32237

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT32236, CT32237
Preceding CC 529B044 - Endosulfan II 27%L (20%), Heptachlor 21%L (20%)
Succeeding CC 529B052 - Endosulfan II 24%L (20%), Heptachlor 23%L (20%), Methoxychlor 24%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

AU-ECD4 05/29/25-1: CT32238

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT32238
Preceding CC 529B033 - % DCBP 23%L (20%), Endosulfan II 29%L (20%)
Succeeding CC 529B047 - % DCBP 24%L (20%), % TCMX 21%L (20%), Endosulfan II 33%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

SVOA Narration

CHEM29 05/28/25-1: CT32236, CT32237, CT32238

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 0.062 (0.1), Hexachlorobenzene 0.088 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: N-Nitrosodimethylamine 37%L (20%), Pyridine 29%L (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.087 (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

CHEM26 05/20/25-1: CT32230, CT32231, CT32232, CT32233, CT32234, CT32235

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 02, 2025 SDG I.D.: GCT32230

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 24% (20%), trans-1,3-Dichloropropene 21% (20%), trans-1,4-dichloro-2-butene 28% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.191 (0.2), Acrolein 0.041 (0.05), Bromodichloromethane 0.299 (0.3), trans-1,3-Dichloropropene 0.271 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.041 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: 2,2-Dichloropropane 27%H (20%), Bromoform 24%H (20%), Carbon tetrachloride 37%H (20%), tert-butyl alcohol 21%L (20%), trans-1,4-dichloro-2-butene 24%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.193 (0.2), Acrolein 0.045 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.041 (0.05)

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%.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 02, 2025

SDG I.D.: GCT32230

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)

Cooler: Yes [x] No [ ]
Coolant: IPK [ ] ICE [x] No [ ]
Temp 2.4°C Pg 2 of 2

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[x] Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 WOOD STREET
OCEANSIDE, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature]

Client Sample - Information - Identification

Date: 5/19/25

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date		PART 375/ DER 10 (VOC Only)	PART 375/ DER 10(NO VOC)										Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
32230	ET-VOC 1	S	5/19/25		X											3									
32231	ET-VOC 2	S			X											3									
32232	ET-VOC 3	S			X											3									
32233	ET-VOC 4	S			X											3									
32234	ET-VOC 5	S			X											3									
32235	ET-VOC 6	S			X											3									
32236	ET-COMP 1	S				X											1								
32237	ET-COMP 2	S				X											1								
32238	ET-COMP 3	S				X											1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-20-25	900
[signature]	[signature]	5/20/25	15:45
[signature]	[signature]	5/20/25	17:30

Comments, Special Requirements or Regulations:

Please report below the regulator standards

Turnaround:
1 Day*
2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[x] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[x] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[x] Excel
[x] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B)*
[ ] Other

State where samples were collected: NY

Note: VOC SAMPLES ARE dicrete GRAB SAMPLES, COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES

PHOENIX
Environmental Laboratories, Inc.

Monday, July 28, 2025

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

Project ID: EARTH TECH
SDG ID: GCT79173
Sample ID#s: CT79173 - CT79199

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

July 28, 2025

SDG I.D.: GCT79173

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

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

NY # 11301

Sample Id Cross Reference

July 28, 2025

SDG I.D.: GCT79173

Project ID: EARTH TECH

Client Id	Lab Id	Matrix	Col Date
ET-VOC7	CT79173	SOIL	07/17/25 0:00
ET-VOC8	CT79174	SOIL	07/17/25 0:00
ET-VOC9	CT79175	SOIL	07/17/25 0:00
ET-VOC10	CT79176	SOIL	07/17/25 0:00
ET-VOC11	CT79177	SOIL	07/17/25 0:00
ET-VOC12	CT79178	SOIL	07/17/25 0:00
ET-VOC13	CT79179	SOIL	07/17/25 0:00
ET-VOC14	CT79180	SOIL	07/17/25 0:00
ET-VOC15	CT79181	SOIL	07/17/25 0:00
ET-VOC16	CT79182	SOIL	07/17/25 0:00
ET-VOC17	CT79183	SOIL	07/17/25 0:00
ET-VOC18	CT79184	SOIL	07/17/25 0:00
ET-VOC19	CT79185	SOIL	07/17/25 0:00
ET-VOC20	CT79186	SOIL	07/17/25 0:00
ET-VOC21	CT79187	SOIL	07/17/25 0:00
ET-VOC22	CT79188	SOIL	07/17/25 0:00
ET-VOC23	CT79189	SOIL	07/17/25 0:00
ET-VOC24	CT79190	SOIL	07/17/25 0:00
ET-VOC25	CT79191	SOIL	07/17/25 0:00
ET-COMP4	CT79192	SOIL	07/17/25 0:00
ET-COMP5	CT79193	SOIL	07/17/25 0:00
ET-COMP6	CT79194	SOIL	07/17/25 0:00
ET-COMP7	CT79195	SOIL	07/17/25 0:00
ET-COMP8	CT79196	SOIL	07/17/25 0:00
ET-COMP9	CT79197	SOIL	07/17/25 0:00
ET-COMP10	CT79198	SOIL	07/17/25 0:00
ET-COMP11	CT79199	SOIL	07/17/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79173

Project ID: EARTH TECH
Client ID: ET-VOC7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC7

Phoenix I.D.: CT79173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	07/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	92		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	68	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	91	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79174

Project ID: EARTH TECH
Client ID: ET-VOC8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC8

Phoenix I.D.: CT79174

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	92		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC8

Phoenix I.D.: CT79174

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	92		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	77	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D

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.

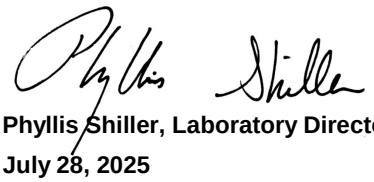
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79175

Project ID: EARTH TECH
Client ID: ET-VOC9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC9

Phoenix I.D.: CT79175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC9

Phoenix I.D.: CT79175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	68	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	91	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D

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.

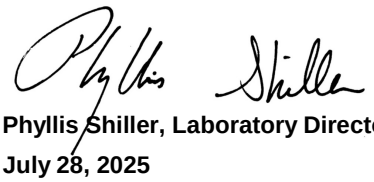
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79176

Project ID: EARTH TECH
Client ID: ET-VOC10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC10

Phoenix I.D.: CT79176

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC10

Phoenix I.D.: CT79176

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	76	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D

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.

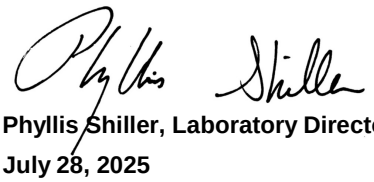
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79177

Project ID: EARTH TECH
Client ID: ET-VOC11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC11

Phoenix I.D.: CT79177

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	93		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC11

Phoenix I.D.: CT79177

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	71	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	94	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D

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.

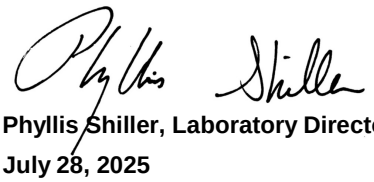
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79178

Project ID: EARTH TECH
Client ID: ET-VOC12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC12

Phoenix I.D.: CT79178

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	93		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC12

Phoenix I.D.: CT79178

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	71	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	94	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D

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.

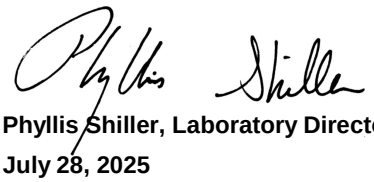
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79179

Project ID: EARTH TECH
Client ID: ET-VOC13

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC13

Phoenix I.D.: CT79179

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC13

Phoenix I.D.: CT79179

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	92		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	71	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	94	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D

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.

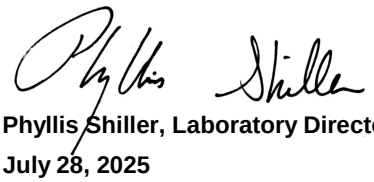
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79180

Project ID: EARTH TECH
Client ID: ET-VOC14

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC14

Phoenix I.D.: CT79180

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC14

Phoenix I.D.: CT79180

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	91		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	95		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	65	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	17	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	17	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	87	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

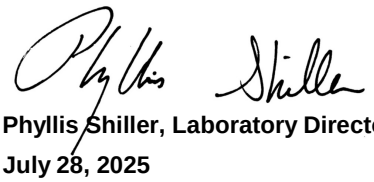
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79181

Project ID: EARTH TECH
Client ID: ET-VOC15

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC15

Phoenix I.D.: CT79181

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC15

Phoenix I.D.: CT79181

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	75	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D

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.

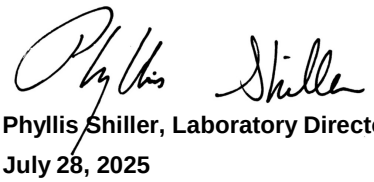
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79182

Project ID: EARTH TECH
Client ID: ET-VOC16

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC16

Phoenix I.D.: CT79182

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC16

Phoenix I.D.: CT79182

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D

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.

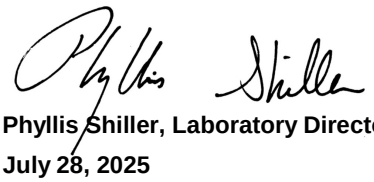
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79183

Project ID: EARTH TECH
Client ID: ET-VOC17

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC17

Phoenix I.D.: CT79183

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC17

Phoenix I.D.: CT79183

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	84	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D

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.

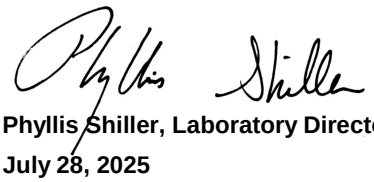
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79184

Project ID: EARTH TECH
Client ID: ET-VOC18

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC18

Phoenix I.D.: CT79184

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC18

Phoenix I.D.: CT79184

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	78	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D

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.

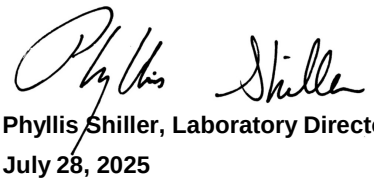
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79185

Project ID: EARTH TECH
Client ID: ET-VOC19

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC19

Phoenix I.D.: CT79185

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC19

Phoenix I.D.: CT79185

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	81	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

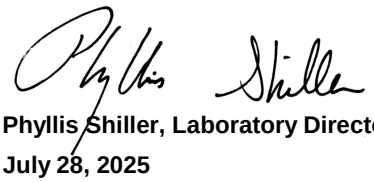
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79186

Project ID: EARTH TECH
Client ID: ET-VOC20

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC20

Phoenix I.D.: CT79186

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC20

Phoenix I.D.: CT79186

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	83	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D

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.

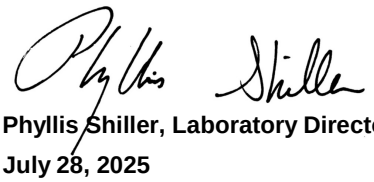
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79187

Project ID: EARTH TECH
Client ID: ET-VOC21

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC21

Phoenix I.D.: CT79187

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC21

Phoenix I.D.: CT79187

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	81	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

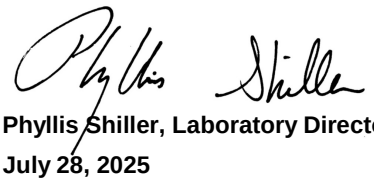
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79188

Project ID: EARTH TECH
Client ID: ET-VOC22

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC22

Phoenix I.D.: CT79188

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC22

Phoenix I.D.: CT79188

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	84	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D

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.

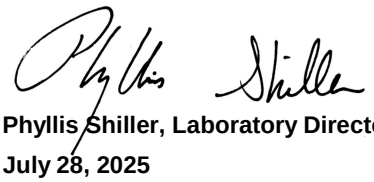
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79189

Project ID: EARTH TECH
Client ID: ET-VOC23

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC23

Phoenix I.D.: CT79189

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC23

Phoenix I.D.: CT79189

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D

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.

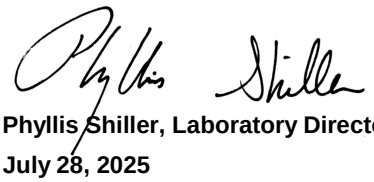
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79190

Project ID: EARTH TECH
Client ID: ET-VOC24

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC24

Phoenix I.D.: CT79190

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC24

Phoenix I.D.: CT79190

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	80	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

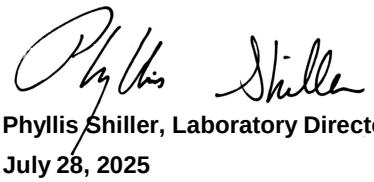
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79191

Project ID: EARTH TECH
Client ID: ET-VOC25

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC25

Phoenix I.D.: CT79191

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC25

Phoenix I.D.: CT79191

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	92	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D

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.

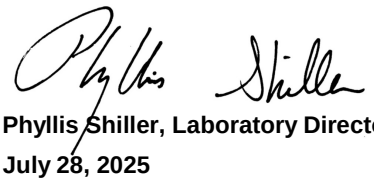
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79192

Project ID: EARTH TECH
Client ID: ET-COMP4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Arsenic	3.74	0.64		mg/Kg	1	07/19/25	CPP	SW6010D	
Barium	34.0	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Beryllium	0.35	0.26		mg/Kg	1	07/19/25	CPP	SW6010D	
Cadmium	< 0.32	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Chromium	15.3	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Copper	11.4	0.6		mg/kg	1	07/19/25	CPP	SW6010D	
Mercury	< 0.14	0.14		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	596	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Nickel	11.8	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Lead	11.8	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/19/25	CPP	SW6010D	
Trivalent Chromium	15.3	0.32		mg/kg	1	07/19/25		CALC 6010-7196	
Zinc	30.3	0.6		mg/Kg	1	07/19/25	CPP	SW6010D	
Percent Solid	92			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.40	0.40		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	7.73	1.00		pH Units	1	07/18/25 00:41	KG	SW846 9045D	
Redox Potential	106			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/17/25	C/Z	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG/BF	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	98			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	107			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	105			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	117			%	10	07/23/25	SC	30 - 150 %
% TCMX	117			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	104			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	ND	8.0		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	10		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	58	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	ND	8.0		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	70			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	99			%	2	07/23/25	AW	30 - 150 %	
% TCMX	69			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	83			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acetophenone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Aniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
Anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzoic acid	ND	710		ug/Kg	1	07/17/25	MR	SW8270E	
Benzyl butyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Carbazole	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Chrysene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenzofuran	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Diethyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dimethylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-butylphthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-octylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluorene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobutadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachloroethane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Isophorone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Naphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Nitrobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodimethylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachloronitrobenzene	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachlorophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Phenanthrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Phenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyridine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	83			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/17/25	MR	30 - 130 %
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/17/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/17/25	MR	SW8270E
Atrazine	ND	140	71	ug/Kg	1	07/17/25	MR	SW8270E
Benzaldehyde	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
Benzo(a)pyrene	ND	250	120	ug/Kg	1	07/17/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	83			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/17/25	MR	30 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/17/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

Ver 1

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79193

Project ID: EARTH TECH
Client ID: ET-COMP5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Arsenic	3.91	0.70		mg/Kg	1	07/19/25	CPP	SW6010D	
Barium	29.7	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Beryllium	0.36	0.28		mg/Kg	1	07/19/25	CPP	SW6010D	
Cadmium	< 0.35	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Chromium	27.9	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Copper	10.1	0.7		mg/kg	1	07/19/25	CPP	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	372	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Nickel	15.0	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Lead	8.84	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Selenium	< 1.4	1.4		mg/Kg	1	07/19/25	CPP	SW6010D	
Trivalent Chromium	27.9	0.35		mg/kg	1	07/19/25		CALC 6010-7196	
Zinc	23.3	0.7		mg/Kg	1	07/19/25	CPP	SW6010D	
Percent Solid	93			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.39	0.39		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.18	1.00		pH Units	1	07/18/25 00:42	KG	SW846 9045D	
Redox Potential	119			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/17/25	C/Z	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG/BF	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	89			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	99			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	124			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	103			%	10	07/23/25	SC	30 - 150 %
% TCMX	100			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	95			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	3.6		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	10	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP5

Phoenix I.D.: CT79193

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	65			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	98			%	2	07/23/25	AW	30 - 150 %	
% TCMX	66			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	80			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acetophenone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Aniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
Anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzoic acid	ND	720		ug/Kg	1	07/17/25	MR	SW8270E	
Benzyl butyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	

Project ID: EARTH TECH
Client ID: ET-COMP5

Phoenix I.D.: CT79193

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Carbazole	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Chrysene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenzofuran	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Diethyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dimethylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-butylphthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-octylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluorene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobutadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachloroethane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Isophorone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Naphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Nitrobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodimethylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachloronitrobenzene	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachlorophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Phenanthrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Phenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyridine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	81			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/17/25	MR	30 - 130 %
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	66			%	1	07/17/25	MR	30 - 130 %
Additional Semi-Volatile Compounds								
1,1-Biphenyl	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/17/25	MR	SW8270E
Atrazine	ND	140	72	ug/Kg	1	07/17/25	MR	SW8270E
Benzaldehyde	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
Benzo(a)pyrene	ND	250	120	ug/Kg	1	07/17/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	81			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/17/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP5

Phoenix I.D.: CT79193

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	66			%	1	07/17/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79194

Project ID: EARTH TECH
Client ID: ET-COMP6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	2.48	0.71		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	38.5	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.28	0.28		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.35	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	12.3	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	11.2	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	174	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	12.3	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	18.1	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.4	1.4		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	12.3	0.35		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	30.4	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	93			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.38	0.38		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	9.05	1.00		pH Units	1	07/18/25 00:42	KG	SW846 9045D	
Redox Potential	216			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/17/25	C/Z	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP6

Phoenix I.D.: CT79194

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	97			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	109			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1221	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1232	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1242	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1248	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1254	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1260	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1262	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1268	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	119			%	10	07/24/25	SC	30 - 150 %
% DCBP (Confirmation)	93			%	10	07/24/25	SC	30 - 150 %
% TCMX	99			%	10	07/24/25	SC	30 - 150 %
% TCMX (Confirmation)	93			%	10	07/24/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	20	3.5		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	3.5		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	90	35		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	14	3.5		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	35		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP6

Phoenix I.D.: CT79194

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	77			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	103			%	2	07/23/25	AW	30 - 150 %	
% TCMX	73			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	85			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
4-Nitroaniline	ND	560		ug/Kg	1	07/18/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Aniline	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzoic acid	ND	700		ug/Kg	1	07/18/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Carbazole	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Pyridine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	69			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorophenol	54			%	1	07/18/25	MR	30 - 130 %
% Nitrobenzene-d5	57			%	1	07/18/25	MR	30 - 130 %
% Phenol-d5	59			%	1	07/18/25	MR	30 - 130 %
% Terphenyl-d14	65			%	1	07/18/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	110	ug/Kg	1	07/18/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/18/25	MR	SW8270E
Atrazine	ND	140	70	ug/Kg	1	07/18/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/18/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/18/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/18/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	69			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorophenol	54			%	1	07/18/25	MR	30 - 130 %
% Nitrobenzene-d5	57			%	1	07/18/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP6

Phoenix I.D.: CT79194

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	59			%	1	07/18/25	MR	30 - 130 %
% Terphenyl-d14	65			%	1	07/18/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79195

Project ID: EARTH TECH
Client ID: ET-COMP7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	1.06	0.65		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	12.0	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	3.56	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.4	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	244	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.32	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	4.46	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	3.56	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	8.7	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	96			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.36	0.36		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.20	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	207			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP7

Phoenix I.D.: CT79195

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	93			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	103			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	114			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	111			%	10	07/23/25	SC	30 - 150 %
% TCMX	97			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	100			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP7

Phoenix I.D.: CT79195

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	98			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	88			%	2	07/24/25	AW	30 - 150 %	
% TCMX	78			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	85			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	690		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	53			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	59			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	69	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP7

Phoenix I.D.: CT79195

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	53			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	59			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79196

Project ID: EARTH TECH
Client ID: ET-COMP8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.69	0.67		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.6	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.27	0.27		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	3.76	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.0	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	199	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.24	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	3.70	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	3.76	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	8.3	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	97			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.38	0.38		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.10	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	207			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP8

Phoenix I.D.: CT79196

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	250		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2500		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	250		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	250		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	84			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	97			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	97			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	100			%	10	07/23/25	SC	30 - 150 %
% TCMX	80			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	81			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.3		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	130		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP8

Phoenix I.D.: CT79196

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	103			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	86			%	2	07/24/25	AW	30 - 150 %	
% TCMX	75			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	76			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	540		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	680		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	66			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	68	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP8

Phoenix I.D.: CT79196

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	66			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79197

Project ID: EARTH TECH
Client ID: ET-COMP9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.72	0.64		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.6	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.32	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	2.91	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.4	0.6		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	253	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.25	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	3.45	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	2.91	0.32		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	7.1	0.6		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	96			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.35	0.35		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.07	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	206			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP9

Phoenix I.D.: CT79197

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	88			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	97			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	108			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	104			%	10	07/23/25	SC	30 - 150 %
% TCMX	99			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	98			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP9

Phoenix I.D.: CT79197

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	87			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	83			%	2	07/24/25	AW	30 - 150 %	
% TCMX	78			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	88			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	680		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	54			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	59			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	57			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	68	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	54			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP9

Phoenix I.D.: CT79197

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	59			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	57			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79198

Project ID: EARTH TECH
Client ID: ET-COMP10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.76	0.65		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.7	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	4.17	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.1	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	230	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.11	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	3.30	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	4.17	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	7.6	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	96			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.36	0.36		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	7.96	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	210			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP10

Phoenix I.D.: CT79198

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	90			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	101			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	115			%	10	07/24/25	SC	30 - 150 %
% DCBP (Confirmation)	105			%	10	07/24/25	SC	30 - 150 %
% TCMX	95			%	10	07/24/25	SC	30 - 150 %
% TCMX (Confirmation)	97			%	10	07/24/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP10

Phoenix I.D.: CT79198

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	73			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	110			%	2	07/24/25	AW	30 - 150 %	
% TCMX	74			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	88			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	540		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	680		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	75			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	55			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	62			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	60			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	68	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	75			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	55			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP10

Phoenix I.D.: CT79198

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	62			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	60			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79199

Project ID: EARTH TECH
Client ID: ET-COMP11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.94	0.66		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.7	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	4.17	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.0	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	139	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.04	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	4.61	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	4.17	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	8.6	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	95			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.40	0.40		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	7.89	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	216			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.53	0.53		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP11

Phoenix I.D.: CT79199

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	85			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	94			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	114			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	107			%	10	07/23/25	SC	30 - 150 %
% TCMX	98			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	98			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	6.2	3.4		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	6.0	3.4		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP11

Phoenix I.D.: CT79199

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	86			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	78			%	2	07/23/25	AW	30 - 150 %	
% TCMX	54			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	81			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	690		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	70			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	70			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	73			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	69	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	70			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP11

Phoenix I.D.: CT79199

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	70			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	73			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 28, 2025

QA/QC Data

SDG I.D.: GCT79173

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 794125 (mg/kg), QC Sample No: CT79195 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.36	<0.36	NC	90.1						80 - 120	30	
Chromium, Hexavalent (Ins)						93.4			94.6			80 - 120	30	
Chromium, Hexavalent (Sol)						93.0			87.7			80 - 120	30	
Comment:														
Additional Hexavalent Chromium criteria: MS acceptance range is 75-125%.														
QA/QC Batch 794493 (mg/kg), QC Sample No: CT77322 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)														
Mercury - Soil	BRL	0.13	<0.14	<0.14	NC	100			105			70 - 130	30	
Comment:														
Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 794034 (mg/kg), QC Sample No: CT78910 (CT79192, CT79193)														
ICP Metals - Soil														
Arsenic	BRL	0.67	3.75	3.96	5.40	101	86.4	15.6	91.9			75 - 125	30	
Barium	BRL	0.33	157	155	1.30	105	91.2	14.1	98.7			75 - 125	30	
Beryllium	BRL	0.27	0.80	0.73	NC	104	89.4	15.1	98.6			75 - 125	30	
Cadmium	BRL	0.33	0.41	<0.37	NC	107	90.4	16.8	97.6			75 - 125	30	
Chromium	BRL	0.33	59.8	49.3	19.2	108	92.8	15.1	98.7			75 - 125	30	
Copper	BRL	0.67	35.4	28.5	21.6	107	93.8	13.1	97.0			75 - 125	30	
Lead	BRL	0.33	22.3	21.3	4.60	109	93.6	15.2	96.7			75 - 125	30	
Manganese	BRL	0.33	494	457	7.80	110	91.7	18.1	88.8			75 - 125	30	
Nickel	BRL	0.33	24.5	22.1	10.3	106	92.3	13.8	99.0			75 - 125	30	
Selenium	BRL	1.3	<1.3	<1.5	NC	87.7	75.4	15.1	78.8			75 - 125	30	
Silver	BRL	0.33	<0.33	<0.37	NC	106	91.2	15.0	96.8			75 - 125	30	
Zinc	BRL	0.67	81.6	69.1	16.6	104	91.3	13.0	87.4			75 - 125	30	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.														
QA/QC Batch 794046 (mg/kg), QC Sample No: CT79194 (CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)														
ICP Metals - Soil														
Arsenic	BRL	0.67	2.48	2.02	NC	79.0	85.9	8.4	82.2			75 - 125	30	
Barium	BRL	0.33	38.5	39.6	2.80	82.4	100	19.3	89.9			75 - 125	30	
Beryllium	BRL	0.27	<0.28	<0.29	NC	86.7	101	15.2	90.3			75 - 125	30	
Cadmium	BRL	0.33	<0.35	<0.36	NC	82.6	96.0	15.0	83.0			75 - 125	30	
Chromium	BRL	0.33	12.3	14.2	14.3	89.3	98.0	9.3	93.6			75 - 125	30	
Copper	BRL	0.67	11.2	13.5	18.6	90.7	101	10.7	98.5			75 - 125	30	
Lead	BRL	0.33	18.1	18.3	1.10	88.4	93.2	5.3	85.5			75 - 125	30	
Manganese	BRL	0.33	174	194	10.9	86.8	92.6	6.5	110			75 - 125	30	
Nickel	BRL	0.33	12.3	17.5	34.9	88.1	102	14.6	90.0			75 - 125	30	r

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Selenium	BRL	1.3	<1.4	<1.4	NC	75.5	79.9	5.7	75.2			75 - 125	30
Silver	BRL	0.33	<0.35	<0.36	NC	87.9	95.2	8.0	93.2			75 - 125	30
Zinc	BRL	0.67	30.4	33.2	8.80	86.2	97.2	12.0	87.1			75 - 125	30

Comment:

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

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

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

NY # 11301

QA/QC Report

July 28, 2025

QA/QC Data

SDG I.D.: GCT79173

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 794785 (mg/Kg), QC Sample No: CT78527 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.59	<0.59	NC	93.5	86.2	8.1	96.5			80 - 120	30
Comment: Additional: MS acceptance range is 75-125%.													
QA/QC Batch 794105 (PH), QC Sample No: CT78486 (CT79192)													
pH			8.10	8.10	0	100						85 - 115	20
QA/QC Batch 794106 (PH), QC Sample No: CT79193 (CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)													
pH			8.18	8.14	0.50	100						85 - 115	20
QA/QC Batch 794107 (mV), QC Sample No: CT79193 (CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)													
Redox Potential			119	121	NC							75 - 125	30
Comment: Additional criteria matrix spike acceptance range is 75-125%.													

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

NY # 11301

QA/QC Report

July 28, 2025

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 794093 (ug/Kg), QC Sample No: CT79746 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	130	69	72	4.3	75	73	2.7	40 - 140	30
2,4,5-TP (Silvex)	ND	130	75	77	2.6	79	75	5.2	40 - 140	30
2,4-D	ND	250	70	73	4.2	74	75	1.3	40 - 140	30
2,4-DB	ND	2500	69	69	0.0	72	74	2.7	40 - 140	30
Dalapon	ND	130	55	61	10.3	43	39	9.8	40 - 140	30
Dicamba	ND	130	65	70	7.4	72	70	2.8	40 - 140	30
Dichloroprop	ND	130	79	83	4.9	74	72	2.7	40 - 140	30
Dinoseb	ND	130	67	70	4.4	75	75	0.0	40 - 140	30
% DCAA (Surrogate Rec)	95	%	98	100	2.0	98	99	1.0	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	93	%	93	95	2.1	95	97	2.1	30 - 150	30

Comment:

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

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 794607 (ug/Kg), QC Sample No: CT78852 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	93	94	1.1	91	90	1.1	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	95	111	15.5	85	84	1.2	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	88	%	100	129	25.3	103	98	5.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	82	%	95	121	24.1	111	110	0.9	30 - 150	30
% TCMX (Surrogate Rec)	77	%	84	101	18.4	101	101	0.0	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	75	%	85	90	5.7	92	91	1.1	30 - 150	30
QA/QC Batch 794608 (ug/Kg), QC Sample No: CT78852 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	85	84	1.2	80	74	7.8	40 - 140	30
4,4' -DDE	ND	1.7	82	84	2.4	93	92	1.1	40 - 140	30
4,4' -DDT	ND	1.7	86	88	2.3	73	69	5.6	40 - 140	30
a-BHC	ND	1.0	78	80	2.5	72	64	11.8	40 - 140	30
a-Chlordane	ND	3.3	88	93	5.5	75	74	1.3	40 - 140	30
Aldrin	ND	1.0	77	79	2.6	70	66	5.9	40 - 140	30
b-BHC	ND	1.0	93	93	0.0	69	69	0.0	40 - 140	30
Chlordane	ND	33	93	99	6.3	76	71	6.8	40 - 140	30

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
d-BHC	ND	3.3	67	68	1.5	56	51	9.3	40 - 140	30	
Dieldrin	ND	1.0	87	89	2.3	78	77	1.3	40 - 140	30	
Endosulfan I	ND	3.3	82	81	1.2	74	66	11.4	40 - 140	30	
Endosulfan II	ND	3.3	93	96	3.2	78	75	3.9	40 - 140	30	
Endosulfan sulfate	ND	3.3	94	95	1.1	104	95	9.0	40 - 140	30	
Endrin	ND	3.3	93	94	1.1	79	76	3.9	40 - 140	30	
Endrin aldehyde	ND	3.3	84	87	3.5	61	59	3.3	40 - 140	30	
Endrin ketone	ND	3.3	98	100	2.0	89	90	1.1	40 - 140	30	
g-BHC	ND	1.0	79	81	2.5	74	72	2.7	40 - 140	30	
g-Chlordane	ND	3.3	93	99	6.3	76	71	6.8	40 - 140	30	
Heptachlor	ND	3.3	74	75	1.3	70	66	5.9	40 - 140	30	
Heptachlor epoxide	ND	3.3	78	79	1.3	69	65	6.0	40 - 140	30	
Methoxychlor	ND	3.3	89	89	0.0	81	75	7.7	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	86	%	88	87	1.1	80	84	4.9	30 - 150	30	
% DCBP (Confirmation)	83	%	83	81	2.4	88	92	4.4	30 - 150	30	
% TCMX	70	%	72	72	0.0	69	68	1.5	30 - 150	30	
% TCMX (Confirmation)	75	%	77	76	1.3	81	77	5.1	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 794027 (ug/kg), QC Sample No: CT78868 (CT79192, CT79193, CT79194)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	57	53	7.3	50	48	4.1	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230	59	57	3.4	53	49	7.8	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	58	55	5.3	53	51	3.8	40 - 140	30	
1,2-Dichlorobenzene	ND	180	51	50	2.0	49	48	2.1	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	58	53	9.0	50	49	2.0	40 - 140	30	
1,3-Dichlorobenzene	ND	230	49	48	2.1	45	45	0.0	40 - 140	30	
1,4-Dichlorobenzene	ND	230	49	48	2.1	46	45	2.2	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	35	36	2.8	34	34	0.0	40 - 140	30	l,m
2,4,5-Trichlorophenol	ND	230	66	60	9.5	59	57	3.4	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	67	60	11.0	60	58	3.4	30 - 130	30	
2,4-Dichlorophenol	ND	130	67	69	2.9	67	64	4.6	30 - 130	30	
2,4-Dimethylphenol	ND	230	68	68	0.0	65	63	3.1	30 - 130	30	
2,4-Dinitrophenol	ND	230	62	59	5.0	44	30	37.8	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	70	64	9.0	63	61	3.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130	66	62	6.3	59	60	1.7	40 - 140	30	
2-Chloronaphthalene	ND	230	59	55	7.0	51	50	2.0	40 - 140	30	
2-Chlorophenol	ND	230	60	63	4.9	61	59	3.3	30 - 130	30	
2-Methylnaphthalene	ND	230	68	66	3.0	64	62	3.2	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	61	67	9.4	64	62	3.2	40 - 140	30	
2-Nitroaniline	ND	330	87	80	8.4	89	90	1.1	40 - 140	30	
2-Nitrophenol	ND	230	64	63	1.6	63	61	3.2	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	60	67	11.0	64	62	3.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	74	66	11.4	68	67	1.5	40 - 140	30	
3-Nitroaniline	ND	330	75	69	8.3	72	72	0.0	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	76	71	6.8	60	48	22.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	65	58	11.4	52	49	5.9	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	71	70	1.4	69	66	4.4	30 - 130	30	
4-Chloroaniline	ND	230	61	59	3.3	60	57	5.1	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	62	57	8.4	53	52	1.9	40 - 140	30	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Nitroaniline	ND	230	63	60	4.9	59	58	1.7	40 - 140	30	
4-Nitrophenol	ND	230	75	71	5.5	74	76	2.7	30 - 130	30	
Acenaphthene	ND	230	60	55	8.7	53	51	3.8	30 - 130	30	
Acenaphthylene	ND	130	56	52	7.4	51	50	2.0	40 - 140	30	
Acetophenone	ND	230	54	57	5.4	55	53	3.7	40 - 140	30	
Aniline	ND	330	68	86	23.4	32	38	17.1	40 - 140	30	m
Anthracene	ND	230	66	60	9.5	56	52	7.4	40 - 140	30	
Atrazine	ND	130	53	48	9.9	50	51	2.0	40 - 140	30	
Benz(a)anthracene	ND	230	65	60	8.0	47	43	8.9	40 - 140	30	
Benzaldehyde	ND	230	104	108	3.8	102	94	8.2	40 - 140	30	
Benzidine	ND	330	<10	<10	NC	34	37	8.5	40 - 140	30	l,m
Benzo(a)pyrene	ND	130	66	60	9.5	48	44	8.7	40 - 140	30	
Benzo(b)fluoranthene	ND	160	65	59	9.7	47	43	8.9	40 - 140	30	
Benzo(ghi)perylene	ND	230	65	59	9.7	41	34	18.7	40 - 140	30	m
Benzo(k)fluoranthene	ND	230	64	58	9.8	50	51	2.0	40 - 140	30	
Benzoic Acid	ND	670	91	94	3.2	51	44	14.7	30 - 130	30	
Benzyl butyl phthalate	ND	230	57	54	5.4	52	50	3.9	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	52	53	1.9	52	50	3.9	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	51	53	3.8	47	44	6.6	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	62	56	10.2	51	48	6.1	40 - 140	30	
Caprolactam	ND	230	64	64	0.0	68	64	6.1	40 - 140	30	
Carbazole	ND	230	64	58	9.8	58	57	1.7	40 - 140	30	
Chrysene	ND	230	65	59	9.7	46	43	6.7	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	71	66	7.3	49	44	10.8	40 - 140	30	
Dibenzofuran	ND	230	62	57	8.4	54	53	1.9	40 - 140	30	
Diethyl phthalate	ND	230	66	62	6.3	62	60	3.3	40 - 140	30	
Dimethylphthalate	ND	230	64	60	6.5	60	60	0.0	40 - 140	30	
Di-n-butylphthalate	ND	670	68	63	7.6	60	58	3.4	40 - 140	30	
Di-n-octylphthalate	ND	230	63	59	6.6	57	55	3.6	40 - 140	30	
Fluoranthene	ND	230	68	61	10.9	46	48	4.3	40 - 140	30	
Fluorene	ND	230	64	59	8.1	58	56	3.5	40 - 140	30	
Hexachlorobenzene	ND	130	67	59	12.7	48	42	13.3	40 - 140	30	
Hexachlorobutadiene	ND	230	56	51	9.3	50	48	4.1	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	34	33	3.0	15	<10	NC	40 - 140	30	l,m
Hexachloroethane	ND	130	48	47	2.1	46	45	2.2	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	68	62	9.2	45	38	16.9	40 - 140	30	m
Isophorone	ND	130	52	53	1.9	50	48	4.1	40 - 140	30	
Naphthalene	ND	230	65	64	1.6	62	59	5.0	40 - 140	30	
Nitrobenzene	ND	130	52	56	7.4	54	53	1.9	40 - 140	30	
N-Nitrosodimethylamine	ND	230	44	52	16.7	29	27	7.1	40 - 140	30	m
N-Nitrosodi-n-propylamine	ND	130	52	56	7.4	54	52	3.8	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	62	57	8.4	57	56	1.8	40 - 140	30	
Pentachloronitrobenzene	ND	230	66	59	11.2	52	47	10.1	40 - 140	30	
Pentachlorophenol	ND	230	72	65	10.2	58	54	7.1	30 - 130	30	
Phenanthrene	ND	130	65	59	9.7	50	47	6.2	40 - 140	30	
Phenol	ND	230	63	68	7.6	66	63	4.7	30 - 130	30	
Pyrene	ND	230	66	60	9.5	48	48	0.0	30 - 130	30	
Pyridine	ND	230	36	41	13.0	25	22	12.8	40 - 140	30	l,m
% 2,4,6-Tribromophenol	80	%	72	64	11.8	59	59	0.0	30 - 130	30	
% 2-Fluorobiphenyl	59	%	57	52	9.2	50	48	4.1	30 - 130	30	
% 2-Fluorophenol	62	%	55	58	5.3	54	51	5.7	30 - 130	30	
% Nitrobenzene-d5	58	%	52	54	3.8	54	53	1.9	30 - 130	30	
% Phenol-d5	62	%	58	62	6.7	59	56	5.2	30 - 130	30	

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Terphenyl-d14	72	%		63	55	13.6	57	55	3.6	30 - 130	30	

Comment:

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

QA/QC Batch 794654 (ug/kg), QC Sample No: CT79195 (CT79195, CT79196, CT79197, CT79198, CT79199)

Semivolatiles - Soil

1,1-Biphenyl	ND	230		43	51	17.0	52	50	3.9	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230		50	57	13.1	58	51	12.8	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230		47	55	15.7	58	48	18.9	40 - 140	30	
1,2-Dichlorobenzene	ND	180		41	47	13.6	50	41	19.8	40 - 140	30	
1,2-Diphenylhydrazine	ND	230		53	61	14.0	63	62	1.6	40 - 140	30	
1,3-Dichlorobenzene	ND	230		39	45	14.3	48	39	20.7	40 - 140	30	l,m
1,4-Dichlorobenzene	ND	230		39	46	16.5	49	39	22.7	40 - 140	30	l,m
2,2'-Oxybis(1-Chloropropane)	ND	230		42	48	13.3	51	41	21.7	40 - 140	30	
2,4,5-Trichlorophenol	ND	230		54	63	15.4	62	62	0.0	40 - 140	30	
2,4,6-Trichlorophenol	ND	130		56	64	13.3	63	63	0.0	30 - 130	30	
2,4-Dichlorophenol	ND	130		54	62	13.8	65	59	9.7	30 - 130	30	
2,4-Dimethylphenol	ND	230		59	67	12.7	61	56	8.5	30 - 130	30	
2,4-Dinitrophenol	ND	230		52	62	17.5	59	62	5.0	30 - 130	30	
2,4-Dinitrotoluene	ND	130		53	63	17.2	62	64	3.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130		54	63	15.4	65	65	0.0	40 - 140	30	
2-Chloronaphthalene	ND	230		47	56	17.5	57	53	7.3	40 - 140	30	
2-Chlorophenol	ND	230		48	54	11.8	56	48	15.4	30 - 130	30	
2-Methylnaphthalene	ND	230		54	62	13.8	65	58	11.4	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230		55	63	13.6	63	55	13.6	40 - 140	30	
2-Nitroaniline	ND	330		90	105	15.4	103	113	9.3	40 - 140	30	
2-Nitrophenol	ND	230		55	64	15.1	66	58	12.9	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230		50	57	13.1	59	53	10.7	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130		63	71	11.9	67	73	8.6	40 - 140	30	
3-Nitroaniline	ND	330		61	72	16.5	73	74	1.4	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230		63	74	16.1	71	76	6.8	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230		48	55	13.6	59	60	1.7	40 - 140	30	
4-Chloro-3-methylphenol	ND	230		63	72	13.3	75	72	4.1	30 - 130	30	
4-Chloroaniline	ND	230		58	65	11.4	68	63	7.6	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230		49	57	15.1	56	56	0.0	40 - 140	30	
4-Nitroaniline	ND	230		61	69	12.3	70	71	1.4	40 - 140	30	
4-Nitrophenol	ND	230		64	71	10.4	69	72	4.3	30 - 130	30	
Acenaphthene	ND	230		47	56	17.5	58	57	1.7	30 - 130	30	
Acenaphthylene	ND	130		41	49	17.8	50	48	4.1	40 - 140	30	
Acetophenone	ND	230		52	58	10.9	61	51	17.9	40 - 140	30	
Aniline	ND	330		38	45	16.9	45	41	9.3	40 - 140	30	l
Anthracene	ND	230		50	58	14.8	59	61	3.3	40 - 140	30	
Atrazine	ND	130		43	52	18.9	54	57	5.4	40 - 140	30	
Benz(a)anthracene	ND	230		52	61	15.9	63	65	3.1	40 - 140	30	
Benzaldehyde	ND	230		89	98	9.6	105	85	21.1	40 - 140	30	
Benzidine	ND	330		<10	<10	NC	<10	<10	NC	40 - 140	30	l,m
Benzo(a)pyrene	ND	130		48	58	18.9	57	61	6.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160		50	60	18.2	60	64	6.5	40 - 140	30	
Benzo(ghi)perylene	ND	230		43	47	8.9	46	51	10.3	40 - 140	30	
Benzo(k)fluoranthene	ND	230		50	60	18.2	57	61	6.8	40 - 140	30	
Benzoic Acid	ND	670		74	86	15.0	63	67	6.2	30 - 130	30	
Benzyl butyl phthalate	ND	230		59	71	18.5	69	71	2.9	40 - 140	30	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroethoxy)methane	ND	230	51	58	12.8	62	54	13.8	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	47	54	13.9	57	46	21.4	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	60	71	16.8	69	72	4.3	40 - 140	30	
Caprolactam	ND	230	59	69	15.6	69	69	0.0	40 - 140	30	
Carbazole	ND	230	49	57	15.1	58	62	6.7	40 - 140	30	
Chrysene	ND	230	55	65	16.7	65	68	4.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	41	46	11.5	45	49	8.5	40 - 140	30	
Dibenzofuran	ND	230	50	58	14.8	58	58	0.0	40 - 140	30	
Diethyl phthalate	ND	230	53	62	15.7	64	66	3.1	40 - 140	30	
Dimethylphthalate	ND	230	52	61	15.9	61	63	3.2	40 - 140	30	
Di-n-butylphthalate	ND	670	53	60	12.4	62	67	7.8	40 - 140	30	
Di-n-octylphthalate	ND	230	61	73	17.9	71	75	5.5	40 - 140	30	
Fluoranthene	ND	230	50	57	13.1	60	64	6.5	40 - 140	30	
Fluorene	ND	230	52	61	15.9	61	61	0.0	40 - 140	30	
Hexachlorobenzene	ND	130	48	56	15.4	58	62	6.7	40 - 140	30	
Hexachlorobutadiene	ND	230	46	53	14.1	58	47	21.0	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	31	36	14.9	43	36	17.7	40 - 140	30	l,m
Hexachloroethane	ND	130	43	50	15.1	53	42	23.2	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	43	47	8.9	46	52	12.2	40 - 140	30	
Isophorone	ND	130	49	57	15.1	59	52	12.6	40 - 140	30	
Naphthalene	ND	230	47	55	15.7	57	48	17.1	40 - 140	30	
Nitrobenzene	ND	130	49	55	11.5	58	49	16.8	40 - 140	30	
N-Nitrosodimethylamine	ND	230	49	51	4.0	54	40	29.8	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	52	59	12.6	62	53	15.7	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	49	57	15.1	57	60	5.1	40 - 140	30	
Pentachloronitrobenzene	ND	230	51	58	12.8	61	63	3.2	40 - 140	30	
Pentachlorophenol	ND	230	60	71	16.8	66	71	7.3	30 - 130	30	
Phenanthrene	ND	130	51	59	14.5	60	63	4.9	40 - 140	30	
Phenol	ND	230	51	55	7.5	58	51	12.8	30 - 130	30	
Pyrene	ND	230	50	57	13.1	60	63	4.9	30 - 130	30	
Pyridine	ND	230	41	38	7.6	45	31	36.8	40 - 140	30	l,m,r
% 2,4,6-Tribromophenol	89	%	57	64	11.6	63	64	1.6	30 - 130	30	
% 2-Fluorobiphenyl	63	%	45	52	14.4	54	49	9.7	30 - 130	30	
% 2-Fluorophenol	60	%	49	54	9.7	56	45	21.8	30 - 130	30	
% Nitrobenzene-d5	71	%	51	56	9.3	60	49	20.2	30 - 130	30	
% Phenol-d5	62	%	49	53	7.8	57	48	17.1	30 - 130	30	
% Terphenyl-d14	69	%	51	57	11.1	57	60	5.1	30 - 130	30	

Comment:

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

QA/QC Batch 794606 (ug/kg), QC Sample No: CT79862 (CT79180, CT79181, CT79182, CT79183, CT79184, CT79185, CT79186, CT79187, CT79188, CT79189, CT79190, CT79191)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	104	101	2.9				70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	92	92	0.0				70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	102	103	1.0				70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	95	96	1.0				70 - 130	20	
1,1-Dichloroethane	ND	5.0	90	91	1.1				70 - 130	20	
1,1-Dichloroethene	ND	5.0	87	88	1.1				70 - 130	20	
1,1-Dichloropropene	ND	5.0	90	91	1.1				70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	101	0.0				70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	97	102	5.0				70 - 130	20	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2,4-Trichlorobenzene	ND	5.0	102	101	1.0				70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	98	98	0.0				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	106	111	4.6				70 - 130	20
1,2-Dibromoethane	ND	5.0	101	102	1.0				70 - 130	20
1,2-Dichlorobenzene	ND	5.0	98	99	1.0				70 - 130	20
1,2-Dichloroethane	ND	5.0	86	86	0.0				70 - 130	20
1,2-Dichloropropane	ND	5.0	97	98	1.0				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	97	97	0.0				70 - 130	20
1,3-Dichlorobenzene	ND	5.0	98	98	0.0				70 - 130	20
1,3-Dichloropropane	ND	5.0	96	96	0.0				70 - 130	20
1,4-Dichlorobenzene	ND	5.0	98	97	1.0				70 - 130	20
1,4-dioxane	ND	100	97	94	3.1				70 - 130	20
2,2-Dichloropropane	ND	5.0	107	106	0.9				70 - 130	20
2-Chlorotoluene	ND	5.0	99	101	2.0				70 - 130	20
2-Hexanone	ND	25	99	99	0.0				70 - 130	20
2-Isopropyltoluene	ND	5.0	101	101	0.0				70 - 130	20
4-Chlorotoluene	ND	5.0	101	100	1.0				70 - 130	20
4-Methyl-2-pentanone	ND	25	96	100	4.1				70 - 130	20
Acetone	ND	10	81	83	2.4				70 - 130	20
Acrolein	ND	25	94	94	0.0				70 - 130	20
Acrylonitrile	ND	5.0	91	95	4.3				70 - 130	20
Benzene	ND	1.0	94	95	1.1				70 - 130	20
Bromobenzene	ND	5.0	96	98	2.1				70 - 130	20
Bromochloromethane	ND	5.0	97	98	1.0				70 - 130	20
Bromodichloromethane	ND	5.0	94	95	1.1				70 - 130	20
Bromoform	ND	5.0	100	101	1.0				70 - 130	20
Bromomethane	ND	5.0	83	86	3.6				70 - 130	20
Carbon Disulfide	ND	5.0	89	89	0.0				70 - 130	20
Carbon tetrachloride	ND	5.0	91	94	3.2				70 - 130	20
Chlorobenzene	ND	5.0	99	99	0.0				70 - 130	20
Chloroethane	ND	5.0	88	89	1.1				70 - 130	20
Chloroform	ND	5.0	90	92	2.2				70 - 130	20
Chloromethane	ND	5.0	96	96	0.0				70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	96	97	1.0				70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	101	102	1.0				70 - 130	20
Dibromochloromethane	ND	3.0	101	101	0.0				70 - 130	20
Dibromomethane	ND	5.0	93	95	2.1				70 - 130	20
Dichlorodifluoromethane	ND	5.0	80	79	1.3				70 - 130	20
Ethylbenzene	ND	1.0	100	98	2.0				70 - 130	20
Hexachlorobutadiene	ND	5.0	96	96	0.0				70 - 130	20
Isopropylbenzene	ND	1.0	98	101	3.0				70 - 130	20
m&p-Xylene	ND	2.0	98	98	0.0				70 - 130	20
Methyl ethyl ketone	ND	5.0	95	93	2.1				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	86	88	2.3				70 - 130	20
Methylacetate	ND	5.0	88	89	1.1				70 - 130	20
Methylene chloride	ND	5.0	85	86	1.2				70 - 130	20
Naphthalene	ND	5.0	103	104	1.0				70 - 130	20
n-Butylbenzene	ND	1.0	99	99	0.0				70 - 130	20
n-Propylbenzene	ND	1.0	101	102	1.0				70 - 130	20
o-Xylene	ND	2.0	98	99	1.0				70 - 130	20
p-Isopropyltoluene	ND	1.0	100	100	0.0				70 - 130	20
sec-Butylbenzene	ND	1.0	98	99	1.0				70 - 130	20
Styrene	ND	5.0	99	100	1.0				70 - 130	20

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
tert-butyl alcohol	ND	100	92	94	2.2				70 - 130	20	
tert-Butylbenzene	ND	1.0	99	99	0.0				70 - 130	20	
Tetrachloroethene	ND	5.0	91	92	1.1				70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	93	95	2.1				70 - 130	20	
Toluene	ND	1.0	95	96	1.0				70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	91	90	1.1				70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	104	107	2.8				70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	122	125	2.4				70 - 130	20	
Trichloroethene	ND	5.0	94	96	2.1				70 - 130	20	
Trichlorofluoromethane	ND	5.0	83	84	1.2				70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	89	88	1.1				70 - 130	20	
Vinyl chloride	ND	5.0	91	91	0.0				70 - 130	20	
% 1,2-dichlorobenzene-d4	97	%	98	99	1.0				70 - 130	20	
% Bromofluorobenzene	96	%	97	96	1.0				70 - 130	20	
% Dibromofluoromethane	95	%	99	96	3.1				70 - 130	20	
% Toluene-d8	95	%	99	100	1.0				70 - 130	20	

Comment:

The 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%.

QA/QC Batch 794587 (ug/kg), QC Sample No: CT80209 (CT79173, CT79174, CT79175, CT79176, CT79177, CT79178, CT79179)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	101	106	4.8	100	107	6.8	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	100	100	0.0	104	108	3.8	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	100	103	3.0	98	106	7.8	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	98	102	4.0	100	108	7.7	70 - 130	20	
1,1-Dichloroethane	ND	5.0	100	98	2.0	102	105	2.9	70 - 130	20	
1,1-Dichloroethene	ND	5.0	102	101	1.0	103	107	3.8	70 - 130	20	
1,1-Dichloropropene	ND	5.0	99	105	5.9	103	108	4.7	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	105	3.9	76	78	2.6	70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	97	101	4.0	102	111	8.5	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	99	102	3.0	78	82	5.0	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	98	103	5.0	93	100	7.3	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	105	112	6.5	106	115	8.1	70 - 130	20	
1,2-Dibromoethane	ND	5.0	100	101	1.0	99	104	4.9	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0	100	106	5.8	93	98	5.2	70 - 130	20	
1,2-Dichloroethane	ND	5.0	101	104	2.9	103	110	6.6	70 - 130	20	
1,2-Dichloropropane	ND	5.0	99	102	3.0	104	108	3.8	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	97	103	6.0	93	100	7.3	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	98	103	5.0	89	97	8.6	70 - 130	20	
1,3-Dichloropropane	ND	5.0	98	100	2.0	99	105	5.9	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	100	105	4.9	93	98	5.2	70 - 130	20	
1,4-dioxane	ND	100	93	98	5.2	103	113	9.3	70 - 130	20	
2,2-Dichloropropane	ND	5.0	104	106	1.9	102	105	2.9	70 - 130	20	
2-Chlorotoluene	ND	5.0	99	104	4.9	95	102	7.1	70 - 130	20	
2-Hexanone	ND	25	94	96	2.1	88	91	3.4	70 - 130	20	
2-Isopropyltoluene	ND	5.0	100	107	6.8	93	100	7.3	70 - 130	20	
4-Chlorotoluene	ND	5.0	98	103	5.0	92	100	8.3	70 - 130	20	
4-Methyl-2-pentanone	ND	25	106	108	1.9	105	112	6.5	70 - 130	20	
Acetone	ND	10	104	98	5.9	108	107	0.9	70 - 130	20	
Acrolein	ND	25	104	102	1.9	48	45	6.5	70 - 130	20	m
Acrylonitrile	ND	5.0	102	98	4.0	103	106	2.9	70 - 130	20	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzene	ND	1.0	97	101	4.0	102	106	3.8	70 - 130	20	
Bromobenzene	ND	5.0	100	105	4.9	99	107	7.8	70 - 130	20	
Bromochloromethane	ND	5.0	99	96	3.1	101	100	1.0	70 - 130	20	
Bromodichloromethane	ND	5.0	104	110	5.6	108	112	3.6	70 - 130	20	
Bromoform	ND	5.0	101	105	3.9	101	105	3.9	70 - 130	20	
Bromomethane	ND	5.0	98	96	2.1	96	98	2.1	70 - 130	20	
Carbon Disulfide	ND	5.0	98	98	0.0	98	101	3.0	70 - 130	20	
Carbon tetrachloride	ND	5.0	104	104	0.0	104	110	5.6	70 - 130	20	
Chlorobenzene	ND	5.0	96	101	5.1	97	103	6.0	70 - 130	20	
Chloroethane	ND	5.0	105	105	0.0	104	111	6.5	70 - 130	20	
Chloroform	ND	5.0	98	96	2.1	100	103	3.0	70 - 130	20	
Chloromethane	ND	5.0	101	98	3.0	100	103	3.0	70 - 130	20	
cis-1,2-Dichloroethene	ND	5.0	99	99	0.0	102	104	1.9	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	104	109	4.7	103	107	3.8	70 - 130	20	
Dibromochloromethane	ND	3.0	102	106	3.8	103	108	4.7	70 - 130	20	
Dibromomethane	ND	5.0	103	107	3.8	106	113	6.4	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	99	100	1.0	93	94	1.1	70 - 130	20	
Ethylbenzene	ND	1.0	96	102	6.1	97	102	5.0	70 - 130	20	
Hexachlorobutadiene	ND	5.0	102	110	7.5	68	67	1.5	70 - 130	20	m
Isopropylbenzene	ND	1.0	100	104	3.9	97	104	7.0	70 - 130	20	
m&p-Xylene	ND	2.0	94	100	6.2	94	100	6.2	70 - 130	20	
Methyl ethyl ketone	ND	5.0	103	102	1.0	104	105	1.0	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	1.0	104	101	2.9	103	104	1.0	70 - 130	20	
Methylacetate	ND	5.0	99	102	3.0	127	124	2.4	70 - 130	20	
Methylene chloride	ND	5.0	97	94	3.1	98	99	1.0	70 - 130	20	
Naphthalene	ND	5.0	103	108	4.7	88	94	6.6	70 - 130	20	
n-Butylbenzene	ND	1.0	104	111	6.5	87	91	4.5	70 - 130	20	
n-Propylbenzene	ND	1.0	100	106	5.8	97	102	5.0	70 - 130	20	
o-Xylene	ND	2.0	97	101	4.0	96	100	4.1	70 - 130	20	
p-Isopropyltoluene	ND	1.0	100	106	5.8	90	95	5.4	70 - 130	20	
sec-Butylbenzene	ND	1.0	97	103	6.0	88	94	6.6	70 - 130	20	
Styrene	ND	5.0	94	98	4.2	91	96	5.3	70 - 130	20	
tert-butyl alcohol	ND	100	93	97	4.2	99	106	6.8	70 - 130	20	
tert-Butylbenzene	ND	1.0	99	105	5.9	93	101	8.2	70 - 130	20	
Tetrachloroethene	ND	5.0	105	109	3.7	101	107	5.8	70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	100	96	4.1	99	104	4.9	70 - 130	20	
Toluene	ND	1.0	100	105	4.9	105	109	3.7	70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	103	100	3.0	105	108	2.8	70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	105	109	3.7	104	110	5.6	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	111	115	3.5	104	115	10.0	70 - 130	20	
Trichloroethene	ND	5.0	98	103	5.0	105	108	2.8	70 - 130	20	
Trichlorofluoromethane	ND	5.0	105	105	0.0	108	112	3.6	70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	102	101	1.0	100	103	3.0	70 - 130	20	
Vinyl chloride	ND	5.0	101	100	1.0	102	106	3.8	70 - 130	20	
% 1,2-dichlorobenzene-d4	93	%	102	104	1.9	103	104	1.0	70 - 130	20	
% Bromofluorobenzene	100	%	97	99	2.0	98	98	0.0	70 - 130	20	
% Dibromofluoromethane	103	%	104	100	3.9	98	99	1.0	70 - 130	20	
% Toluene-d8	92	%	102	104	1.9	103	102	1.0	70 - 130	20	

Comment:

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

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.: GCT79173

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

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

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

Phyllis Shiller, Laboratory Director
July 28, 2025

Monday, July 28, 2025

Criteria: NY: 375GWP, 375RS

State: NY

Sample Criteria Exceedances Report

GCT79173 - TAYLORD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT79192	$PESTSM_NY	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	58	3.6	39	39	ug/Kg

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 28, 2025 SDG I.D.: GCT79173

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

Herbicide Narration

AU-ECD12 07/21/25-1: CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199
Preceding CC 721B015 - None.
Succeeding CC 721B027 - Dichloroprop (7) 24%L (20%)

PCB Narration

AU-ECD91 07/23/25-1: CT79193, CT79194, CT79198

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT79193
Preceding CC 723B006 - None.
Succeeding CC 723B019 - PCB 1016 23%L (%)

PEST Narration

AU-ECD33 07/23/25-1: CT79199

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT79199
Preceding CC 723B031 - % TCMX 23%L (20%)
Succeeding CC 723B042 - % TCMX 22%L (20%)

SVOA Narration

CHEM07 07/17/25-2: CT79192, CT79193, CT79194

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: % 2,4,6-Tribromophenol 0.035 (0.05), 2-Nitrophenol 0.046 (0.1), Bis(2-chloroethyl)ether 0.596 (0.7), Hexachlorobenzene 0.064 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.035 (0.05), 2-Nitrophenol 0.046 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: 2,4-Dinitrotoluene 24%H (20%), 2-Nitrophenol 35%H (20%), 4-Chloroaniline 31%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.040 (0.05), 2-Nitrophenol 0.062 (0.1), Bis(2-chloroethyl)ether 0.583 (0.7), Hexachlorobenzene 0.076 (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%.

CHEM29 07/22/25-2: CT79195

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 28, 2025 SDG I.D.: GCT79173

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), Hexachlorobenzene 0.083 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 4-Chloroaniline 21%H (20%), Dibenz(a,h)anthracene 27%L (20%), Indeno(1,2,3-cd)pyrene 22%L (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.080 (0.1), Hexachlorobenzene 0.086 (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%.

CHEM36 07/22/25-2: CT79196, CT79197, CT79198, CT79199
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.085 (0.1), Hexachlorobenzene 0.089 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2-Nitroaniline 27%L (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.087 (0.1), Hexachlorobenzene 0.096 (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 07/21/25-1: CT79173, CT79174, CT79175, CT79176, CT79177, CT79178, CT79179
The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 21% (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%.

CHEM26 07/21/25-1: CT79180, CT79181, CT79182, CT79183, CT79184, CT79185, CT79186, CT79187, CT79188, CT79189, CT79190, CT79191

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 28, 2025 SDG I.D.: GCT79173

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 23% (20%), trans-1,4-dichloro-2-butene 29% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: trans-1,3-Dichloropropene 0.297 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Acetone 21%L (20%), Dichlorodifluoromethane 23%L (20%), trans-1,4-dichloro-2-butene 21%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: Bromodichloromethane 0.287 (0.3)
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%.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 28, 2025

SDG I.D.: GCT79173

The samples in this delivery group were received at 2.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.5 °C Pg 1 of 2

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[x] Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 WOOD STREET
OCEANSIDE, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature]

Client Sample - Information - Identification

Date: 7/17/25

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date	Analysis Request: PART 375/ DER 10 (VOC Only)	PART 375/ DER 10(NO VOC)	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79173	ET-VOC7	S	7/17/25	X		3									
79174	ET-VOC 8	S		X		3									
79175	ET-VOC 9	S		X		3									
79176	ET-VOC 10	S		X		3									
79177	ET-VOC 11	S		X		3									
79178	ET-VOC12	S		X		3									
79179	ET-VOC 13	S		x		3									
79180	ET-VOC 14	S		x		3									
79181	ET-VOC 15	S		x		3									
79182	ET-VOC 16	S		x		3									
79183	ET-VOC 17	S		x		3									
79184	ET-VOC 18	S		x		3									
79185	ET-VOC 19	S		x		3									
79186	ET-VOC 20	S		x		3									

Relinquished by:	Accepted by:	Date:	Time:
[signature] Aaron	[signature]	7/17/25	2:00
		7/17/25	1625

Comments, Special Requirements or Regulations:

Please report below the regulator standards

Continuation of 5-19-25 Sampling for 10,000CY - DER10 Frequency

Note: VOC SAMPLES ARE dicrete GRAB SAMPLES, COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES

Turnaround:
1 Day*
2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
*SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[x] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[x] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[x] Excel
[x] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.5 °C Pg 2 of 2

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 WOOD STREET
OCEANSIDE, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature

Client Sample - Information - Identification

Date: 7/17/25

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date	Analysis Request: PART 375/ DER 10 (VOC Only)	PART 375/ DER 10(NO VOC)	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79187	ET-VOC21	S	7/17/25	X		3									
79188	ET-VOC 22	S		X		3									
79189	ET-VOC 23	S		X		3									
79190	ET-VOC 24	S		X		3									
79191	ET-VOC 25	S		X		3									
79192	ET-COMP4	S			X		1								
79193	ET-COMP5	S			X		1								
79194	ET-COMP6	S			X		1								
79195	ET-COMP7	S			X		1								
79196	ET-COMP8	S			X		1								
79197	ET-COMP9	S			X		1								
79198	ET-COMP10	S			X		1								
79199	ET-COMP11	S			X		1								

Relinquished by:	Accepted by:	Date:	Time:
AP	AD	7/17/25	2:00
Aaron Bear		7/17/25	1625

Comments, Special Requirements or Regulations:

Please report below the regulator standards

Continuation of 5-19-25 Sampling for 10,000CY - DER10 Frequency

Note: VOC SAMPLES ARE dicrete GRAB SAMPLES, COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES

Turnaround:
1 Day*
2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
*SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[X] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[X] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B)*
[ ] Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, September 02, 2025

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

Project ID: EARTH TECH
SDG ID: GCT91269
Sample ID#s: CT91269 - CT91279

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

Sample Id Cross Reference

September 02, 2025

SDG I.D.: GCT91269

Project ID: EARTH TECH

Client Id	Lab Id	Matrix	Col Date
ET-COMP 2	CT91269	SOIL	08/04/25 0:00
ET-COMP 3	CT91270	SOIL	08/04/25 0:00
FIELD BLANK	CT91271	WATER	08/04/25 0:00
ET-COMP 4	CT91272	SOIL	08/04/25 0:00
ET-COMP 5	CT91273	SOIL	08/04/25 0:00
ET-COMP 6	CT91274	SOIL	08/04/25 0:00
ET-COMP 7	CT91275	SOIL	08/04/25 0:00
ET-COMP 8	CT91276	SOIL	08/04/25 0:00
ET-COMP 9	CT91277	SOIL	08/04/25 0:00
ET-COMP 10	CT91278	SOIL	08/04/25 0:00
ET-COMP 11	CT91279	SOIL	08/04/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91269

Project ID: EARTH TECH
Client ID: ET-COMP 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	92.1		0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.819	0.238	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.832	0.173	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.813	0.238	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.824	0.195	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND		1.08	0.347	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND		5.42	0.791	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND		5.42	1.02	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND		0.811	0.293	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND		0.819	0.282	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND		0.867	0.249	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND		0.217	0.0976	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND		0.542	0.542	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND		2.17	0.499	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND		0.434	0.423	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND		0.217	0.141	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND		0.217	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND		2.17	0.791	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.209	0.0650	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.217	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.217	0.0325	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.192	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.217	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.210	0.163	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0951	J	0.217	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 2

Phoenix I.D.: CT91269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND	0.217	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.198	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.217	0.0542	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.867	0.173	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.208	0.152	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.217	0.152	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.220	0.202	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.217	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.204	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.434	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.217	0.141	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.217	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.217	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND	0.386	0.0650	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND	0.434	0.130	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND	0.434	0.0434	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	120			%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	114			%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	86.3			%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	83.8			%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	81.1			%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	80.0			%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	168			%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	160			%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	155			%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	78.0			%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	130			%	1	08/28/25	AM	40 - 130 %	C
% M3PFBS	130			%	1	08/28/25	AM	40 - 135 %	C
% M3PFHxS	118			%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	111			%	1	08/28/25	AM	40 - 130 %	C
% M5PFHxA	119			%	1	08/28/25	AM	40 - 130 %	C
% M5PFPEA	127			%	1	08/28/25	AM	35 - 130 %	C
% M6PFDA	121			%	1	08/28/25	AM	40 - 130 %	C
% M7PFUDA	113			%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	118			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOA	123			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	120			%	1	08/28/25	AM	40 - 130 %	C
% M9PFNA	114			%	1	08/28/25	AM	40 - 130 %	C
% MPFBA	119			%	1	08/28/25	AM	8 - 130 %	C
% MPFDOA	103			%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91270

Project ID: EARTH TECH
Client ID: ET-COMP 3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.5		0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.789	0.230	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.801	0.167	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.783	0.230	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.793	0.188	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND		1.04	0.334	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND		5.22	0.762	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND		5.22	0.981	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		0.780	0.282	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND		0.789	0.271	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND		0.835	0.240	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND		0.209	0.0939	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND		0.209	0.0939	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND		2.09	0.480	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND		0.417	0.407	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND		0.209	0.136	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND		0.209	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND		2.09	0.762	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0637	J	0.201	0.0626	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.209	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.209	0.0313	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.185	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0914	J	0.209	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.202	0.157	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.209	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 3

Phoenix I.D.: CT91270

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.209	0.115	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.191	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.209	0.0522	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.835	0.167	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.200	0.146	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.209	0.146	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.353		0.194	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.130	J	0.209	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.196	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.417	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.209	0.136	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.209	0.115	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.209	0.115	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.126	J	0.371	0.0626	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.134	J	0.417	0.125	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.175	J	0.417	0.0417	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	95.8				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	111				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	61.0				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	58.1				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	61.1				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	70.5				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	123				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	121				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	108				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	71.3				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	108				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	103				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	98.2				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	108				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	98.8				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	88.1				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	105				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	110				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	111				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	95.5				%	1	08/11/25	KFH	40 - 130 %	C

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91271

Project ID: EARTH TECH
Client ID: FIELD BLANK

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633	Completed						08/12/25	KFH	EPA 1633A	C

PFAS (40) by EPA 1633

11Cl-PF3OUdS	ND		72.6	21.4	ng/L	10	08/20/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		73.7	21.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		72.0	27.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		72.9	22.3	ng/L	10	08/20/25	KFH	EPA 1633A	C
3:3FTCA	ND		96.0	22.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
5:3FTCA	ND		480	64.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
7:3FTCA	ND		480	221	ng/L	10	08/20/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		71.8	26.4	ng/L	10	08/20/25	KFH	EPA 1633A	C
ADONA	ND		72.6	28.5	ng/L	10	08/20/25	KFH	EPA 1633A	C
HFPO-DA	ND		76.8	30.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
NEtFOSA	ND		19.2	10.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
NEtFOSAA	12.7	J	19.2	10.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
NEtFOSE	ND		192	69.9	ng/L	10	08/20/25	KFH	EPA 1633A	C
NFDHA	ND		38.4	28.8	ng/L	10	08/20/25	KFH	EPA 1633A	C
NMeFOSA	ND		19.2	6.81	ng/L	10	08/20/25	KFH	EPA 1633A	C
NMeFOSAA	ND		19.2	4.80	ng/L	10	08/20/25	KFH	EPA 1633A	C
NMeFOSE	ND		192	68.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		18.5	5.95	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		18.3	2.98	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		19.2	3.55	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		17.0	7.49	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		19.2	5.47	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		18.6	8.54	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		19.2	5.76	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		19.2	6.72	ng/L	10	08/20/25	KFH	EPA 1633A	C

Project ID: EARTH TECH
Client ID: FIELD BLANK

Phoenix I.D.: CT91271

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	17.6	8.54	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	19.2	3.45	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	76.8	15.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	18.4	7.20	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	19.2	9.50	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	17.9	7.29	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	19.2	7.58	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	18.0	7.20	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	38.4	8.54	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	19.2	15.2	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	19.2	11.5	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	19.2	6.81	ng/L	10	08/20/25	KFH	EPA 1633A	C
PFEESA	ND	34.2	4.80	ng/L	10	08/20/25	KFH	EPA 1633A	C
PFMBA	ND	38.4	13.4	ng/L	10	08/20/25	KFH	EPA 1633A	C
PFMPA	ND	38.4	6.72	ng/L	10	08/20/25	KFH	EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA(10X)	118			%	10	08/20/25	KFH	40 - 170 %	C
% d5-N-EtFOSAA(10X)	96.0			%	10	08/20/25	KFH	25 - 135 %	C
% d7-N-MeFOSE(10X)	73.2			%	10	08/20/25	KFH	10 - 130 %	C
% d9-N-EtFOSE(10X)	70.0			%	10	08/20/25	KFH	10 - 130 %	C
% d-N-EtFOSA(10X)	74.4			%	10	08/20/25	KFH	10 - 130 %	C
% d-N-MeFOSA(10X)	76.0			%	10	08/20/25	KFH	10 - 130 %	C
% M2-4:2 FTS(10X)	113			%	10	08/20/25	KFH	40 - 200 %	C
% M2-6:2 FTS(10X)	119			%	10	08/20/25	KFH	40 - 200 %	C
% M2-8:2 FTS(10X)	119			%	10	08/20/25	KFH	40 - 300 %	C
% M2PFTEDA(10X)	87.2			%	10	08/20/25	KFH	10 - 130 %	C
% M3HFPO-DA(10X)	105			%	10	08/20/25	KFH	40 - 130 %	C
% M3PFBS(10X)	102			%	10	08/20/25	KFH	40 - 135 %	C
% M3PFHxS(10X)	96.5			%	10	08/20/25	KFH	40 - 130 %	C
% M4PFHpA(10X)	97.3			%	10	08/20/25	KFH	40 - 130 %	C
% M5PFHxA(10X)	97.4			%	10	08/20/25	KFH	40 - 130 %	C
% M5PFPEA(10X)	100			%	10	08/20/25	KFH	40 - 130 %	C
% M6PFDA(10X)	96.1			%	10	08/20/25	KFH	40 - 130 %	C
% M7PFUDA(10X)	109			%	10	08/20/25	KFH	30 - 130 %	C
% M8FOSA(10X)	106			%	10	08/20/25	KFH	40 - 130 %	C
% M8PFOA(10X)	96.9			%	10	08/20/25	KFH	40 - 130 %	C
% M8PFOS(10X)	103			%	10	08/20/25	KFH	40 - 130 %	C
% M9PFNA(10X)	105			%	10	08/20/25	KFH	40 - 130 %	C
% MPFBA(10X)	93.2			%	10	08/20/25	KFH	5 - 130 %	C
% MPFDOA(10X)	87.3			%	10	08/20/25	KFH	10 - 130 %	C

Project ID: EARTH TECH
Client ID: FIELD BLANK

Phoenix I.D.: CT91271

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 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:

*See attached

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91272

Project ID: EARTH TECH
Client ID: ET-COMP 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.1	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.792	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.805	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.786	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.796	0.189	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.05	0.335	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.24	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.24	0.985	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.784	0.283	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.792	0.272	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.838	0.241	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.210	0.0943	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.524	0.524	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.10	0.482	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.419	0.409	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.10	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.202	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.210	0.0314	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.185	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.203	0.157	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 4

Phoenix I.D.: CT91272

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.192	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.210	0.0524	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.838	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.201	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.210	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.227		0.195	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.172	J	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.419	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.373	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.419	0.126	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.419	0.0419	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	143				%	1	08/28/25	AM	40 - 135 %	C,3
% d5-N-EtFOSAA	145				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	67.1				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	53.4				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	77.0				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	100				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	194				%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	179				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	182				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	58.2				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	152				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	164				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	143				%	1	08/28/25	AM	40 - 130 %	C,3
% M4PFHpA	138				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	146				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	153				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	164				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	159				%	1	08/28/25	AM	40 - 130 %	C,3
% M8FOSA	152				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	142				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOS	157				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	143				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	150				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	124				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91273

Project ID: EARTH TECH
Client ID: ET-COMP 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	90.4	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.836	0.243	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.849	0.177	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.829	0.243	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.840	0.199	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.11	0.354	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.53	0.807	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.53	1.04	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.827	0.299	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.836	0.287	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.885	0.254	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.221	0.0995	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.553	0.553	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.21	0.509	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.442	0.431	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.221	0.144	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.221	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.21	0.807	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.213	0.0663	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.221	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.221	0.0332	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.196	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.221	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.215	0.166	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0910	J 0.221	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 5

Phoenix I.D.: CT91273

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.221	0.122	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.202	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.221	0.0553	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.885	0.177	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.212	0.155	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.221	0.155	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.263		0.206	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.132	J	0.221	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.208	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0900	J	0.442	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.221	0.144	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.221	0.122	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.221	0.122	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.394	0.0663	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.442	0.133	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.442	0.0442	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	160				%	1	08/28/25	AM	40 - 135 %	C,3
% d5-N-EtFOSAA	148				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	85.2				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	74.6				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	93.0				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	104				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	208				%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	194				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	189				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	80.7				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	183				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	179				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	159				%	1	08/28/25	AM	40 - 130 %	C,3
% M4PFHpA	161				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	164				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	172				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	165				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	157				%	1	08/28/25	AM	40 - 130 %	C,3
% M8FOSA	163				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	161				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOS	156				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	157				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	163				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	131				%	1	08/28/25	AM	40 - 130 %	C,3

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91274

Project ID: EARTH TECH
Client ID: ET-COMP 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	92.6	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.815	0.237	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.827	0.172	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.808	0.237	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.819	0.194	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.08	0.345	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.39	0.787	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.39	1.01	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.806	0.291	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.815	0.280	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.862	0.248	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.215	0.0970	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.539	0.539	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.15	0.496	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.431	0.420	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.215	0.140	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.215	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.15	0.787	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.208	0.0646	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.215	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.215	0.0323	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.191	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.215	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.209	0.162	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0975	J 0.215	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 6

Phoenix I.D.: CT91274

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.215	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.197	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.215	0.0539	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.862	0.172	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.207	0.151	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.215	0.151	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.304		0.200	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.159	J	0.215	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.203	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.431	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.215	0.140	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.215	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.215	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.384	0.0646	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.431	0.129	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.431	0.0431	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	136				%	1	08/28/25	AM	40 - 135 %	C,3
% d5-N-EtFOSAA	133				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	88.8				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	76.5				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	73.9				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	87.5				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	170				%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	156				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	162				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	74.6				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	147				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	141				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	124				%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	128				%	1	08/28/25	AM	40 - 130 %	C
% M5PFHxA	139				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	144				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	148				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	139				%	1	08/28/25	AM	40 - 130 %	C,3
% M8FOSA	139				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	132				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOS	142				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	137				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	143				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	113				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91275

Project ID: EARTH TECH
Client ID: ET-COMP 7

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	91.0		0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.826	0.240	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.839	0.175	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.820	0.240	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.830	0.197	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND		1.09	0.350	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND		5.46	0.798	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND		5.46	1.03	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		0.817	0.295	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND		0.826	0.284	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND		0.874	0.251	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND		0.219	0.0983	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND		0.219	0.0983	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND		2.19	0.503	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND		0.437	0.426	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND		0.219	0.142	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND		0.219	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND		2.19	0.798	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0822	J	0.211	0.0656	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.219	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.219	0.0328	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.193	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.117	J	0.219	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.212	0.164	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.219	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 7

Phoenix I.D.: CT91275

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.219	0.120	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.200	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0916	J	0.219	0.0546	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.874	0.175	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.210	0.153	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.219	0.153	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.518		0.203	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.210	J	0.219	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.205	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.142	J	0.437	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.219	0.142	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.219	0.120	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.219	0.120	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.131	J	0.389	0.0656	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.143	J	0.437	0.131	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.179	J	0.437	0.0437	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	96.7				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	111				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	75.2				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	69.3				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	80.7				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	81.9				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	122				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	124				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	122				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	81.1				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	109				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	105				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	108				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	114				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	115				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	98.2				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	115				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	90.4				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	102				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	104				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	113				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	117				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	95.9				%	1	08/11/25	KFH	40 - 130 %	C

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91276

Project ID: EARTH TECH
Client ID: ET-COMP 8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	94.3		0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.801	0.233	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.814	0.170	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.795	0.233	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.806	0.191	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND		1.06	0.339	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND		5.30	0.774	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND		5.30	0.996	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND		0.793	0.286	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND		0.801	0.276	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND		0.848	0.244	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND		0.212	0.0954	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND		0.530	0.530	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND		2.12	0.488	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND		0.424	0.413	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND		0.212	0.138	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND		0.212	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND		2.12	0.774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.205	0.0636	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.212	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.212	0.0318	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.188	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.129	J	0.212	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.206	0.159	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0931	J	0.212	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 8

Phoenix I.D.: CT91276

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	0.121	J	0.212	0.117	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.194	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0965	J	0.212	0.0530	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.848	0.170	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.204	0.148	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.212	0.148	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.560		0.197	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.280		0.212	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.199	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.127	J	0.424	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.212	0.138	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.212	0.117	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.212	0.117	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.377	0.0636	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.424	0.127	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.424	0.0424	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	129				%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	117				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	71.1				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	63.5				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	72.2				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	88.5				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	162				%	1	08/28/25	AM	40 - 165 %	C
% M2-6:2 FTS	162				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	155				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	70.2				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	144				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	145				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	136				%	1	08/28/25	AM	40 - 130 %	C,3
% M4PFHpA	135				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	132				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	138				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	137				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	129				%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	135				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	128				%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	133				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	133				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	134				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	120				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91277

Project ID: EARTH TECH
Client ID: ET-COMP 9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.8	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.789	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.802	0.167	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.783	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.793	0.188	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.04	0.334	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.22	0.762	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.22	0.981	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.781	0.282	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.789	0.271	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.835	0.240	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.209	0.0939	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.522	0.522	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.09	0.480	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.418	0.407	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.209	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.209	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.09	0.762	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.201	0.0626	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.209	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.209	0.0313	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.185	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.209	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.202	0.157	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.209	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 9

Phoenix I.D.: CT91277

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND	0.209	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.191	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.209	0.0522	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.835	0.167	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.146	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.209	0.146	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.194	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.209	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.196	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.418	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.209	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.209	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.209	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND	0.372	0.0626	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND	0.418	0.125	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND	0.418	0.0418	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	117			%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	112			%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	83.9			%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	81.3			%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	69.5			%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	83.5			%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	153			%	1	08/28/25	AM	40 - 165 %	C
% M2-6:2 FTS	141			%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	131			%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	72.2			%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	131			%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	139			%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	122			%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	131			%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	123			%	1	08/28/25	AM	40 - 130 %	C
% M5PFPEA	129			%	1	08/28/25	AM	35 - 130 %	C
% M6PFDA	124			%	1	08/28/25	AM	40 - 130 %	C
% M7PFUDA	116			%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	127			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOA	125			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	119			%	1	08/28/25	AM	40 - 130 %	C
% M9PFNA	123			%	1	08/28/25	AM	40 - 130 %	C
% MPFBA	130			%	1	08/28/25	AM	8 - 130 %	C
% MPFDOA	98.2			%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91278

Project ID: EARTH TECH
Client ID: ET-COMP 10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.3	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.792	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.805	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.786	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.796	0.189	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.05	0.335	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.24	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.24	0.985	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.784	0.283	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.792	0.272	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.838	0.241	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.210	0.0943	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.524	0.524	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.10	0.482	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.419	0.409	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.10	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.202	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.210	0.0314	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.185	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.203	0.157	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 10

Phoenix I.D.: CT91278

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.192	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.210	0.0524	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.838	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.201	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.210	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.202		0.195	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.184	J	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.419	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.373	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.419	0.126	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.419	0.0419	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	130				%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	124				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	84.6				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	83.2				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	61.1				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	75.1				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	152				%	1	08/28/25	AM	40 - 165 %	C
% M2-6:2 FTS	144				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	138				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	91.0				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	142				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	132				%	1	08/28/25	AM	40 - 135 %	C
% M3PFHxS	118				%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	129				%	1	08/28/25	AM	40 - 130 %	C
% M5PFHxA	129				%	1	08/28/25	AM	40 - 130 %	C
% M5PFPEA	132				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	144				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	130				%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	121				%	1	08/28/25	AM	40 - 130 %	C
% M8PFOA	130				%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	134				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	127				%	1	08/28/25	AM	40 - 130 %	C
% MPFBA	133				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	120				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91279

Project ID: EARTH TECH
Client ID: ET-COMP 11

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.1		0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.795	0.231	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.807	0.168	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.788	0.231	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.799	0.189	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND		1.05	0.336	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND		5.26	0.767	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND		5.26	0.988	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		0.786	0.284	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND		0.795	0.273	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND		0.841	0.242	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND		0.210	0.0946	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND		0.210	0.0946	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND		2.10	0.484	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND		0.421	0.410	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND		0.210	0.137	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND		0.210	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND		2.10	0.767	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.203	0.0631	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.210	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.210	0.0315	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.186	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.102	J	0.210	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.204	0.158	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.210	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 11

Phoenix I.D.: CT91279

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.210	0.116	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.192	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.210	0.0526	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.841	0.168	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.202	0.147	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.210	0.147	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.211		0.196	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.196	J	0.210	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.198	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0972	J	0.421	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.210	0.137	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.210	0.116	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.210	0.116	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.127	J	0.374	0.0631	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.137	J	0.421	0.126	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.172	J	0.421	0.0421	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	105				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	124				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	75.3				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	72.0				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	79.4				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	80.8				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	135				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	138				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	133				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	84.0				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	119				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	113				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	112				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	111				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	119				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	121				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	109				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	110				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	99.6				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	111				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	111				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	121				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	123				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	97.8				%	1	08/11/25	KFH	40 - 130 %	C

Project ID: EARTH TECH
Client ID: ET-COMP 11

Phoenix I.D.: CT91279

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

NY # 11301

QA/QC Report

September 02, 2025

QA/QC Data

SDG I.D.: GCT91269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 800826 (ng/g), QC Sample No: CT91269 (CT91269, CT91272, CT91273, CT91274, CT91276, CT91277, CT91278)											
PFOA & PFOS											
11Cl-PF3OUdS	ND	0.751	52.0	71.8					45 - 160		
3:3FTCA	ND	0.994	88.4	88.5					45 - 130		
4:2FTS	ND	0.746	78.3	64.2					60 - 150		
5:3FTCA	ND	4.97	81.2	76.9					60 - 130		
6:2FTS	ND	0.755	78.0	66.8					55 - 200		
7:3FTCA	ND	4.97	79.8	71.2					60 - 150		
8:2FTS	ND	0.763	71.1	68.7					70 - 150		I
9Cl-PF3ONS	ND	0.744	66.8	49.2					70 - 150		I
ADONA	ND	0.751	77.8	80.4					70 - 160		
FOSA	ND	0.199	78.9	68.8					70 - 140		I
HFPO-DA	ND	0.795	79.6	86.7					70 - 145		
NEtFOSA	ND	0.199	88.4	90.3					70 - 140		
NEtFOSAA	ND	0.497	82.5	80.6					65 - 165		
NEtFOSE	ND	1.99	82.5	83.2					70 - 135		
NFDHA	ND	0.398	74.3	77.2					60 - 155		
NMeFOSA	ND	0.199	75.8	121					70 - 155		
NMeFOSAA	ND	0.199	78.5	71.5					65 - 155		
NMeFOSE	ND	1.99	80.6	83.1					70 - 140		
PFBA	ND	0.795	77.4	72.2					70 - 140		
PFBS	ND	0.176	71.2	72.3					65 - 145		
PFDA	ND	0.199	79.3	62.2					70 - 155		I
PFDoA	ND	0.199	75.2	75.5					70 - 150		
PFDoDS	ND	0.193	66.4	67.4					25 - 160		
PFDS	ND	0.192	64.8	47.8					40 - 155		
PFEESA	ND	0.354	78.7	72.3					70 - 140		
PFHpA	ND	0.199	78.2	75.7					65 - 145		
PFHpS	ND	0.199	79.6	81.5					65 - 155		
PFHxA	ND	0.199	81.0	69.6					65 - 140		
PFHxS	ND	0.182	74.2	68.3					60 - 150		
PFMBA	ND	0.398	80.9	74.8					60 - 150		
PFMPA	ND	0.398	80.9	77.8					30 - 140		
PFNA	ND	0.199	73.3	78.3					70 - 155		
PFNS	ND	0.191	77.6	110					55 - 140		
PFOA	ND	0.199	79.4	73.1					70 - 150		
PFOS	ND	0.185	79.7	59.2					65 - 160		I
PFPeA	ND	0.398	77.4	70.3					60 - 150		
PFPeS	ND	0.187	77.8	67.6					55 - 160		
PFTA	ND	0.199	78.7	70.7					65 - 150		
PFTrDA	ND	0.199	76.7	71.4					65 - 150		
PFUnA	ND	0.199	75.6	71.1					70 - 155		
% d3-N-MeFOSAA	105		96.4	82.7					40 - 135		

QA/QC Data

SDG I.D.: GCT91269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	139		117	123					40 - 165	
% M2-6:2 FTS	129		105	106					40 - 215	
% M2-8:2 FTS	114		105	90.9					40 - 275	
% M2PFTEDA	85.6		75.3	79.0					20 - 130	
% M3HFPO-DA	120		118	117					40 - 130	
% M3PFBS	135		126	120					40 - 135	
% M3PFHxS	113		112	103					40 - 130	
% M4PFHpA	111		105	98.4					40 - 130	
% M5PFHxA	114		111	108					40 - 130	
% M5PFPEA	116		114	111					35 - 130	
% M6PFDA	108		96.7	93.0					40 - 130	
% M7PFUDA	100		90.3	86.9					40 - 130	
% M8FOSA	99.6		99.3	78.6					40 - 130	
% M8PFOA	112		104	98.1					40 - 130	
% M8PFOS	102		100	81.1					40 - 130	
% M9PFNA	111		108	92.2					40 - 130	
% MPFBA	116		115	110					8 - 130	
% MPFDOA	84.9		79.7	76.2					40 - 130	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 799960 (ng/L), QC Sample No: CT91270 (CT91270, CT91271, CT91275, CT91279)

PFOA & PFOS

11Cl-PF3OUdS	ND	0.751	84.2	91.7					45 - 160	
3:3FTCA	ND	0.994	120	120					45 - 130	
4:2FTS	ND	0.746	116	115					60 - 150	
5:3FTCA	ND	4.97	122	120					60 - 130	
6:2FTS	ND	0.755	116	116					55 - 200	
7:3FTCA	ND	4.97	119	129					60 - 150	
8:2FTS	ND	0.763	118	122					70 - 150	
9Cl-PF3ONS	ND	0.744	95.9	93.4					70 - 150	
ADONA	ND	0.751	121	105					70 - 160	
FOSA	ND	0.199	111	115					70 - 140	
HFPO-DA	ND	0.795	105	124					70 - 145	
NEtFOSA	ND	0.199	105	116					70 - 140	
NEtFOSAA	ND	0.199	119	108					65 - 165	
NEtFOSE	ND	1.99	108	115					70 - 135	
NFDHA	ND	0.398	121	127					60 - 155	
NMeFOSA	ND	0.199	124	104					70 - 155	
NMeFOSAA	ND	0.199	112	107					65 - 155	
NMeFOSE	ND	1.99	107	114					70 - 140	
PFBA	ND	0.795	114	109					70 - 140	
PFBS	ND	0.176	110	113					65 - 145	
PFDA	ND	0.199	112	107					70 - 155	
PFDoA	ND	0.199	125	115					70 - 150	
PFDoDS	ND	0.193	82.9	92.0					25 - 160	
PFDS	ND	0.192	92.0	113					40 - 155	
PFEESA	ND	0.354	116	124					70 - 140	
PFHpA	ND	0.199	114	103					65 - 145	
PFHpS	ND	0.199	107	124					65 - 155	
PFHxA	ND	0.199	113	121					65 - 140	
PFHxS	ND	0.182	114	116					60 - 150	
PFMBA	ND	0.398	117	128					60 - 150	

QA/QC Data

SDG I.D.: GCT91269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PFMPA	ND	0.398	114	127					30 - 140	
PFNA	ND	0.199	104	113					70 - 155	
PFNS	ND	0.191	95.4	125					55 - 140	
PFOA	ND	0.199	100	113					70 - 150	
PFOS	ND	0.185	105	124					65 - 160	
PFPeA	ND	0.398	109	111					60 - 150	
PFPeS	ND	0.187	116	116					55 - 160	
PFTA	ND	0.199	113	99.9					65 - 150	
PFTrDA	ND	0.199	126	115					65 - 150	
PFUnA	ND	0.199	113	109					70 - 155	
% d3-N-MeFOSAA	87.9		83.8	93.8					40 - 135	
% d5-N-EtFOSAA	104		88.0	102					40 - 150	
% M2-4:2 FTS	111		98.5	116					40 - 165	
% M2-6:2 FTS	115		99.8	114					40 - 215	
% M2-8:2 FTS	107		91.4	105					40 - 275	
% M2PFTEDA	75.0		77.9	91.0					20 - 130	
% M3HFPO-DA	107		101	115					40 - 130	
% M3PFBS	104		106	105					40 - 135	
% M3PFHxS	104		96.5	98.5					40 - 130	
% M4PFHpA	112		110	115					40 - 130	
% M5PFHxA	113		102	103					40 - 130	
% M5PFPEA	113		105	111					35 - 130	
% M6PFDA	98.4		94.7	98.7					40 - 130	
% M7PFUDA	99.4		93.6	102					40 - 130	
% M8FOSA	98.5		87.5	91.5					40 - 130	
% M8PFOA	108		113	109					40 - 130	
% M8PFOS	95.4		89.7	86.9					40 - 130	
% M9PFNA	110		107	96.4					40 - 130	
% MPFBA	111		113	112					8 - 130	
% MPFDOA	81.5		76.5	90.6					40 - 130	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

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

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

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

Phyllis Shiller, Laboratory Director
September 02, 2025

Tuesday, September 02, 2025

Sample Criteria Exceedances Report

GCT91269 - TAYLORD

Criteria: NY: 375GWP, 375RRS

State: NY

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

September 02, 2025 SDG I.D.: GCT91269

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

September 02, 2025

SDG I.D.: GCT91269

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 1.6°C Pg 1 of 1

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 Wood Street
Oceanside, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature

Client Sample - Information - Identification

Date: 8/4/25

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix		Analysis Request: PFAS METHOD 1633	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	~~ET-COMP 1~~	~~S~~	~~8/4/25~~	~~X~~						1				
912(09	ET-COMP 2	S	8/4/25	X						1				
91270	ET-COMP 3	S	8/4/25	X						1				
91271	FIELD BLANK	DI	8/4/25	X						2				
91272	ET-COMP 4	s	8/4/25	x						1				
91273	ET-COMP 5	s	8/4/25	x						1				
91274	ET-COMP 6	s	8/4/25	x						1				
91275	ET-COMP7	s	8/4/25	x						1				
91276	ET-COMP8	s	8/4/25	x						1				
91277	ET-COMP 9	s	8/4/25	x						1				
91278	ET-COMP 10	s	8/4/25	x						1				
91279	ET-COMP 11	s	8/4/25	x						1				

Relinquished by:	Accepted by:	Date:	Time:
		8/4/25	1430
		8/4/25	15:05
		8/4/25	16:33

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
*SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☑ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential
☑ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☑ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B)*
☐ Other

Comments, Special Requirements or Regulations:

Please RUN ET comp 3, ~~ET comp~~ ET-comp 11, ET-comp 7, Field Blank Standard TAT

Please Hold ET comp 2, ET comp 4, ET comp 5, ET comp 6, ET comp 8, ET comp 9, ET comp 10

State where samples were collected: NY

Sarah Bell

From: Scott Taylor <scott@taylordenvironment.com>
Sent: Monday, August 18, 2025 2:50 PM
To: Sarah Bell
Cc: Lori Bailey
Subject: Re: GCT91269 FW: Please put the PFA Hold samples into production.

Yes please.

Confidentiality Notice: The information contained in this e-mail and any attachments may be legally privileged and confidential. If you are not an intended recipient, you are hereby notified that any dissemination, distribution or copying of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify the sender and permanently delete this e-mail and any attachments immediately. You should not retain, copy or use this e-mail or any attachment for any purpose, nor disclose all or any part of the contents to any other person. Thank You.

Scott Taylor,
Professional Geologist #1088
Taylord Environment, Inc.
PO BOX 613 Wingdale, NY 12594
(914) 419-9740 C
Scott@taylordenvironment.com



Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Report Date: 08/25/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H0326

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/25/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H0326

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 06, 2025 and listed below. The project was identified as your project: **GCT91269**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H0326-01	CT91270	Soil	08/04/2025	08/06/2025
25H0326-02	CT91271	Water	08/04/2025	08/06/2025
25H0326-03	CT91275	Soil	08/04/2025	08/06/2025
25H0326-04	CT91279	Soil	08/04/2025	08/06/2025

General Notes for York Project (SDG) No.: 25H0326

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 08/25/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.407	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH

	Surrogate Recoveries	Result	Acceptance Range
338-30-1	*Surrogate: M5PFHxA*	*104 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0730	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0522	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0730	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.130**	J	ug/kg dry	0.0730	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.353**		ug/kg dry	0.0730	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.146	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.0914**	J	ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0939	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0835	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0313	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0730	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0637**	J	ug/kg dry	0.0626	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.188	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.167	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.167	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.126**	J	ug/kg dry	0.0626	0.371	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.175**	J	ug/kg dry	0.0417	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.134**	J	ug/kg dry	0.125	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0730	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.783	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.240	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.282	0.780	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.271	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.334	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.762	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.981	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.762	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.480	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0939	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*108 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*104 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*98.2 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*98.8 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*104 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*95.5 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.3 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*111 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*105 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*108 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*88.1 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.8 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*58.1 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.0 %*			*20-130*						

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91271 **York Sample ID:** 25H0326-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Water	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	7.49	17.0	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	3.45	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	6.72	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-CC V-L	ng/L	8.54	17.6	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	7.58	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	7.29	17.9	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	9.50	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	5.47	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	6.81	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	5.76	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	11.5	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	15.2	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
2355-31-9	N-MeFOSAA	ND		ng/L	4.80	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
2991-50-6	**N-EtFOSAA**	**12.7**	J	ng/L	10.1	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: CT91271 **York Sample ID:** 25H0326-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Water	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	8.54	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.55	19.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.98	18.3	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	5.95	18.5	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	22.3	72.9	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	21.6	73.7	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	15.6	76.8	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	4.80	34.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	28.8	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	6.72	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	13.4	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	7.20	18.0	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	27.1	72.0	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	30.1	76.8	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
763051-92-9	11CL-PF3OUdS	ND		ng/L	21.4	72.6	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
756426-58-1	9CL-PF3ONS	ND		ng/L	26.4	71.8	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
919005-14-4	ADONA	ND		ng/L	28.5	72.6	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	8.54	18.6	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	7.20	18.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	22.6	96.0	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	64.6	480	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	221	480	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
24448-09-7	N-MeFOSE	ND		ng/L	68.1	192	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH

Sample Information

Client Sample ID: CT91271 **York Sample ID:** 25H0326-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Water	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	N-MeFOSA	ND		ng/L	6.81	19.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
1691-99-2	N-EtFOSE	ND		ng/L	69.9	192	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
4151-50-2	N-EtFOSA	ND		ng/L	10.1	19.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*97.4 %*	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.3 %*	*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.5 %*	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*96.9 %*	*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*96.1 %*	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.3 %*	*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.2 %*	*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*93.2 %*	*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*103 %*	*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*100 %*	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*106 %*	*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*118 %*	*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.0 %*	*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*	*40-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*119 %*	*40-300*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*	*40-130*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*	*40-200*
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.0 %*	*10-130*
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.4 %*	*10-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*	*40-130*
D9-NETPFOSAA	*Surrogate: d9-N-EtFOSE*	*70.0 %*	*10-130*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.2 %*	*10-130*

Sample Information

Client Sample ID: CT91275 **York Sample ID:** 25H0326-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.426	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH

	Surrogate Recoveries	Result	Acceptance Range
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0765	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0916**	J	ug/kg dry	0.0546	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0765	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.210**	J	ug/kg dry	0.0765	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.518**		ug/kg dry	0.0765	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.153	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.117**	J	ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0983	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.142**	J	ug/kg dry	0.0874	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0328	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0765	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0822**	J	ug/kg dry	0.0656	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH

Sample Information

Client Sample ID: CT91275 **York Sample ID:** 25H0326-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.197	0.830	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.175	0.839	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.175	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.131**	J	ug/kg dry	0.0656	0.389	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.179**	J	ug/kg dry	0.0437	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.143**	J	ug/kg dry	0.131	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0765	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.240	0.820	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.251	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.240	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.295	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.284	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.350	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.798	5.46	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.46	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.798	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.503	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0983	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*40-130*

Sample Information

Client Sample ID: CT91275 **York Sample ID:** 25H0326-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*102 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*98.2 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*95.9 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.1 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*117 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*115 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*90.4 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.7 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*124 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*122 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*122 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*81.9 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*69.3 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.2 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91279 **York Sample ID:** 25H0326-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.410	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH

Surrogate Recoveries	Result	Acceptance Range
338-30-1 *Surrogate: M5PFHxA*	*119 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0736	0.186	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0526	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0736	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.196**	J	ug/kg dry	0.0736	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.211**		ug/kg dry	0.0736	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.102**	J	ug/kg dry	0.0841	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0841	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0841	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0946	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.0972**	J	ug/kg dry	0.0841	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0315	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0736	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0631	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH

Sample Information

Client Sample ID: CT91279 **York Sample ID:** 25H0326-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.799	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.807	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.127**	J	ug/kg dry	0.0631	0.374	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.172**	J	ug/kg dry	0.0421	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.137**	J	ug/kg dry	0.126	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0736	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.231	0.788	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.242	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.231	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.284	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.273	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.336	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.767	5.26	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.988	5.26	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.767	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.137	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.484	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0946	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*119 %*	*40-130*

Sample Information

Client Sample ID: CT91279 **York Sample ID:** 25H0326-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*109 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*97.8 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*123 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*111 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*121 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*99.6 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*138 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.8 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*72.0 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.3 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDPH-PH-0840			

Analytical Batch Summary

Batch ID: BH50553 **Preparation Method:** % Solids Prep **Prepared By:** AC

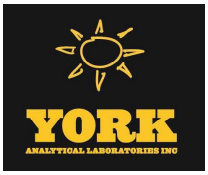
YORK Sample ID	Client Sample ID	Preparation Date
25H0326-01	CT91270	08/07/25
25H0326-03	CT91275	08/07/25
25H0326-04	CT91279	08/07/25

Batch ID: BH50579 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H0326-01	CT91270	08/07/25
25H0326-03	CT91275	08/07/25
25H0326-04	CT91279	08/07/25
BH50579-BLK1	Blank	08/07/25
BH50579-BS1	LCS	08/07/25
BH50579-BS2	LCS	08/07/25

Batch ID: BH50912 **Preparation Method:** EPA 1633 Prep **Prepared By:** MG

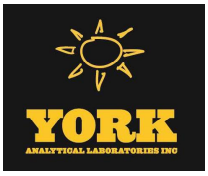
YORK Sample ID	Client Sample ID	Preparation Date
25H0326-02	CT91271	08/12/25
25H0326-02RE1	CT91271	08/12/25
BH50912-BLK1	Blank	08/12/25
BH50912-BS1	LCS	08/12/25
BH50912-BS2	LCS	08/12/25



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

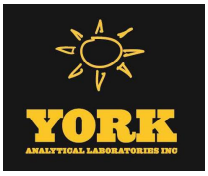
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.42*		"	*2.32*		*104*	*40-135*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*40-130*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*40-130*				
Surrogate: M4PFHpA	*2.78*		"	*2.49*		*112*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

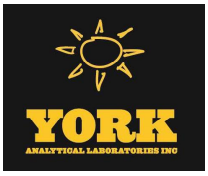
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: M3PFHxS	*2.46*		*ug/kg wet*	*2.36*		*104*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		*"*	*2.49*		*108*	*40-130*				
Surrogate: M6PFDA	*1.22*		*"*	*1.24*		*98.4*	*40-130*				
Surrogate: M7PFUdA	*1.23*		*"*	*1.24*		*99.4*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		*"*	*1.24*		*81.5*	*40-130*				
Surrogate: M2PFTeDA	*0.932*		*"*	*1.24*		*75.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*"*	*9.94*		*111*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.27*		*"*	*2.38*		*95.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		*"*	*4.97*		*113*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.45*		*"*	*2.49*		*98.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*4.97*		*87.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.15*		*"*	*4.97*		*104*	*40-150*				
Surrogate: M2-6:2 FTS	*5.43*		*"*	*4.73*		*115*	*40-215*				
Surrogate: M2-8:2 FTS	*5.09*		*"*	*4.77*		*107*	*40-275*				
Surrogate: M9PFNA	*1.37*		*"*	*1.24*		*110*	*40-130*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.66*		*111*	*40-165*				
Surrogate: d-N-MeFOSA	*1.94*		*"*	*2.49*		*78.2*	*10-130*				
Surrogate: d-N-EtFOSA	*2.14*		*"*	*2.49*		*86.0*	*10-130*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*107*	*40-130*				
Surrogate: d9-N-EtFOSE	*22.4*		*"*	*24.9*		*90.1*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.8*	*20-130*				
LCS (BH50579-BS1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	3.87	0.176	ug/kg wet	3.53		110	65-145				
Perfluorohexanoic acid (PFHxA)	4.51	0.199	"	3.98		113	65-140				
Perfluoroheptanoic acid (PFHpA)	4.54	0.199	"	3.98		114	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.16	0.182	"	3.65		114	60-150				
Perfluorooctanoic acid (PFOA)	4.00	0.199	"	3.98		100	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.88	0.185	"	3.71		105	65-160				
Perfluorononanoic acid (PFNA)	4.13	0.199	"	3.98		104	70-155				
Perfluorodecanoic acid (PFDA)	4.46	0.199	"	3.98		112	70-155				
Perfluoroundecanoic acid (PFUnA)	4.51	0.199	"	3.98		113	70-155				
Perfluorododecanoic acid (PFDoA)	4.97	0.199	"	3.98		125	70-150				
Perfluorotridecanoic acid (PFTrDA)	5.03	0.199	"	3.98		126	65-150				
Perfluorotetradecanoic acid (PFTA)	4.52	0.199	"	3.98		113	65-150				
N-MeFOSAA	4.47	0.199	"	3.98		112	65-155				
N-EtFOSAA	4.73	0.199	"	3.98		119	65-165				
Perfluoropentanoic acid (PFPeA)	8.70	0.398	"	7.97		109	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.41	0.199	"	3.98		111	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.05	0.199	"	3.80		107	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.54	0.192	"	3.84		92.0	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	0.757	"	15.1		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.1	0.765	"	15.3		118	70-150				
Perfluoro-n-butanoic acid (PFBA)	18.2	0.797	"	15.9		114	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

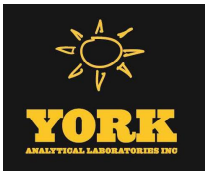
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS1)								Prepared: 08/07/2025 Analyzed: 08/11/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.355	ug/kg wet	7.09		116	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.64	0.398	"	7.97		121	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.09	0.398	"	7.97		114	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.398	"	7.97		117	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.36	0.187	"	3.75		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.3	0.747	"	14.9		116	60-150				
HFPO-DA (Gen-X)	8.41	0.797	"	7.97		105	70-145				
11CL-PF3OUdS	6.34	0.753	"	7.53		84.2	45-160				
9CL-PF3ONS	7.14	0.745	"	7.45		95.9	70-150				
ADONA	9.09	0.753	"	7.53		121	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.20	0.193	"	3.86		82.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.65	0.191	"	3.82		95.4	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	19.1	0.996	"	15.9		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	97.3	4.98	"	79.7		122	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.9	4.98	"	79.7		119	60-150				
N-MeFOSE	42.8	1.99	"	39.8		107	70-140				
N-MeFOSA	4.92	0.199	"	3.98		124	70-155				
N-EtFOSE	43.0	1.99	"	39.8		108	70-135				
N-EtFOSA	4.17	0.199	"	3.98		105	70-140				
Surrogate: M3PFBS	*2.46*		"	*2.32*		*106*	*40-135*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*40-130*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*40-130*				
Surrogate: M4PFHpA	*2.74*		"	*2.49*		*110*	*40-130*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.49*		*113*	*40-130*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.7*	*40-130*				
Surrogate: M7PFUdA	*1.17*		"	*1.25*		*93.6*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		"	*1.25*		*76.5*	*40-130*				
Surrogate: M2PFTeDA	*0.970*		"	*1.25*		*77.9*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*9.96*		*113*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		"	*2.39*		*89.7*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.21*		"	*4.98*		*105*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.18*		"	*2.49*		*87.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.17*		"	*4.98*		*83.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.38*		"	*4.98*		*88.0*	*40-150*				
Surrogate: M2-6:2 FTS	*4.73*		"	*4.74*		*99.8*	*40-215*				
Surrogate: M2-8:2 FTS	*4.37*		"	*4.78*		*91.4*	*40-275*				
Surrogate: M9PFNA	*1.33*		"	*1.25*		*107*	*40-130*				
Surrogate: M2-4:2 FTS	*4.60*		"	*4.67*		*98.5*	*40-165*				
Surrogate: d-N-MeFOSA	*1.72*		"	*2.49*		*69.0*	*10-130*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.49*		*72.7*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

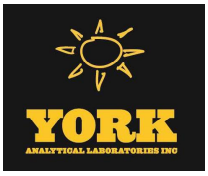
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: M3HFPO-DA	*10.1*		*ug/kg wet*	*9.96*		*101*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*24.9*		*75.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.0*		*"*	*24.9*		*80.3*	*20-130*				
LCS (BH50579-BS2)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	0.400	0.176	ug/kg wet	0.353		113	65-145				
Perfluorohexanoic acid (PFHxA)	0.482	0.199	"	0.398		121	65-140				
Perfluoroheptanoic acid (PFHpA)	0.411	0.199	"	0.398		103	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.422	0.182	"	0.365		116	60-150				
Perfluorooctanoic acid (PFOA)	0.450	0.199	"	0.398		113	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.461	0.185	"	0.371		124	65-160				
Perfluorononanoic acid (PFNA)	0.451	0.199	"	0.398		113	70-155				
Perfluorodecanoic acid (PFDA)	0.425	0.199	"	0.398		107	70-155				
Perfluoroundecanoic acid (PFUnA)	0.433	0.199	"	0.398		109	70-155				
Perfluorododecanoic acid (PFDoA)	0.458	0.199	"	0.398		115	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.459	0.199	"	0.398		115	65-150				
Perfluorotetradecanoic acid (PFTA)	0.398	0.199	"	0.398		99.9	65-150				
N-MeFOSAA	0.425	0.199	"	0.398		107	65-155				
N-EtFOSAA	0.431	0.199	"	0.398		108	65-165				
Perfluoropentanoic acid (PFPeA)	0.882	0.398	"	0.797		111	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.458	0.199	"	0.398		115	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.471	0.199	"	0.380		124	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.436	0.192	"	0.384		113	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.75	0.757	"	1.51		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.86	0.765	"	1.53		122	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.73	0.797	"	1.59		109	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.880	0.355	"	0.709		124	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.01	0.398	"	0.797		127	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.01	0.398	"	0.797		127	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.02	0.398	"	0.797		128	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.436	0.187	"	0.375		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.72	0.747	"	1.49		115	60-150				
HFPO-DA (Gen-X)	0.991	0.797	"	0.797		124	70-145				
11CL-PF3OUdS	0.691	0.753	"	0.753		91.7	45-160				
9CL-PF3ONS	0.696	0.745	"	0.745		93.4	70-150				
ADONA	0.791	0.753	"	0.753		105	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.355	0.193	"	0.386		92.0	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.478	0.191	"	0.382		125	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.91	0.996	"	1.59		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.59	4.98	"	7.97		120	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	10.2	4.98	"	7.97		129	60-150				
N-MeFOSE	4.55	1.99	"	3.98		114	70-140				
N-MeFOSA	0.416	0.199	"	0.398		104	70-155				
N-EtFOSE	4.60	1.99	"	3.98		115	70-135				
N-EtFOSA	0.460	0.199	"	0.398		116	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

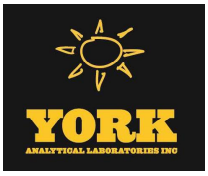
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS2)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: M3PFBS	*2.45*		*ug/kg wet*	*2.32*		*105*	*40-135*				
Surrogate: M5PFHxA	*2.58*		*"*	*2.49*		*103*	*40-130*				
Surrogate: M5PFHxA	*2.58*		*"*	*2.49*		*103*	*40-130*				
Surrogate: M4PFHpA	*2.87*		*"*	*2.49*		*115*	*40-130*				
Surrogate: M3PFHxS	*2.33*		*"*	*2.36*		*98.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		*"*	*2.49*		*109*	*40-130*				
Surrogate: M6PFDA	*1.23*		*"*	*1.25*		*98.7*	*40-130*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.25*		*102*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		*"*	*1.25*		*90.6*	*40-130*				
Surrogate: M2PFTeDA	*1.13*		*"*	*1.25*		*91.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*"*	*9.96*		*112*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.39*		*86.9*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.53*		*"*	*4.98*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.28*		*"*	*2.49*		*91.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.67*		*"*	*4.98*		*93.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.08*		*"*	*4.98*		*102*	*40-150*				
Surrogate: M2-6:2 FTS	*5.38*		*"*	*4.74*		*114*	*40-215*				
Surrogate: M2-8:2 FTS	*5.03*		*"*	*4.78*		*105*	*40-275*				
Surrogate: M9PFNA	*1.20*		*"*	*1.25*		*96.4*	*40-130*				
Surrogate: M2-4:2 FTS	*5.41*		*"*	*4.67*		*116*	*40-165*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.49*		*76.9*	*10-130*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.49*		*75.1*	*10-130*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.96*		*115*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.7*		*"*	*24.9*		*87.0*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.7*	*20-130*				
Batch BH50912 - EPA 1633 Prep											
Blank (BH50912-BLK1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

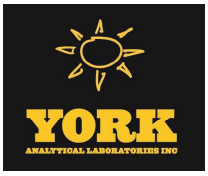
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
Blank (BH50912-BLK1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*20.8*		*"*	*23.3*		*89.4*	*40-135*				
Surrogate: M5PFHxA	*22.3*		*"*	*25.0*		*89.2*	*40-130*				
Surrogate: M4PFHpA	*18.4*		*"*	*25.0*		*73.8*	*40-130*				
Surrogate: M3PFHxS	*20.1*		*"*	*23.7*		*85.0*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*22.8*		*"*	*25.0*		*91.3*	*40-130*				
Surrogate: M6PFDA	*11.8*		*"*	*12.5*		*94.3*	*40-130*				
Surrogate: M7PFUdA	*11.9*		*"*	*12.5*		*95.0*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.7*		*"*	*12.5*		*109*	*10-130*				
Surrogate: M2PFTeDA	*9.00*		*"*	*12.5*		*72.0*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.3*		*"*	*100*		*94.3*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.4*		*"*	*24.0*		*85.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.5*		*"*	*50.0*		*103*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.8*		*"*	*25.0*		*87.4*	*40-130*				
Surrogate: d3-N-MeFOSAA	*37.4*		*"*	*50.0*		*74.7*	*40-170*				
Surrogate: d5-N-EtFOSAA	*38.9*		*"*	*50.0*		*77.8*	*25-135*				
Surrogate: M2-6:2 FTS	*47.4*		*"*	*47.6*		*99.7*	*40-200*				
Surrogate: M2-8:2 FTS	*44.7*		*"*	*48.0*		*93.1*	*40-300*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

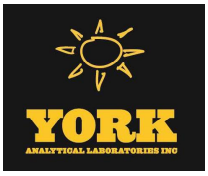
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
Blank (BH50912-BLK1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Surrogate: M9PFNA	*11.9*		*ng/L*	*12.5*		*95.6*	*40-130*				
Surrogate: M2-4:2 FTS	*46.4*		*"*	*46.9*		*98.9*	*40-200*				
Surrogate: d-N-MeFOSA	*20.0*		*"*	*25.0*		*80.1*	*10-130*				
Surrogate: d-N-EtFOSA	*16.5*		*"*	*25.0*		*65.9*	*10-130*				
Surrogate: M3HFPO-DA	*87.0*		*"*	*100*		*87.0*	*40-130*				
Surrogate: d9-N-EtFOSE	*156*		*"*	*250*		*62.5*	*10-130*				
Surrogate: d7-N-MeFOSE	*178*		*"*	*250*		*71.2*	*10-130*				
LCS (BH50912-BS1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Perfluorobutanesulfonic acid (PFBS)	35.7	1.77	ng/L	35.4		101	60-145				
Perfluorohexanoic acid (PFHxA)	42.3	2.00	"	40.0		106	70-145				
Perfluoroheptanoic acid (PFHpA)	44.6	2.00	"	40.0		111	70-150				
Perfluorohexanesulfonic acid (PFHxS)	37.8	1.83	"	36.6		103	65-145				
Perfluorooctanoic acid (PFOA)	38.6	2.00	"	40.0		96.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	40.9	1.86	"	37.2		110	55-150				
Perfluorononanoic acid (PFNA)	40.0	2.00	"	40.0		100	70-150				
Perfluorodecanoic acid (PFDA)	40.1	2.00	"	40.0		100	70-140				
Perfluoroundecanoic acid (PFUnA)	41.4	2.00	"	40.0		104	70-145				
Perfluorododecanoic acid (PFDoA)	34.8	2.00	"	40.0		87.0	70-140				
Perfluorotridecanoic acid (PFTrDA)	50.3	2.00	"	40.0		126	65-140				
Perfluorotetradecanoic acid (PFTA)	40.1	2.00	"	40.0		100	60-140				
N-MeFOSAA	43.1	2.00	"	40.0		108	50-140				
N-EtFOSAA	42.4	2.00	"	40.0		106	70-145				
Perfluoropentanoic acid (PFPeA)	84.9	4.00	"	80.0		106	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	41.6	2.00	"	40.0		104	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	40.9	1.91	"	38.2		107	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.4	1.93	"	38.6		99.6	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	170	7.60	"	152		112	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	174	7.68	"	154		113	60-150				
Perfluoro-n-butanoic acid (PFBA)	165	8.00	"	160		103	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	53.7	3.56	"	71.2		75.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	66.0	4.00	"	80.0		82.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	88.3	4.00	"	80.0		110	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	83.9	4.00	"	80.0		105	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	38.6	1.88	"	37.6		103	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	162	7.50	"	150		108	70-145				
HFPO-DA (Gen-X)	73.6	8.00	"	80.0		92.0	70-140				
11CL-PF3OUdS	49.2	7.56	"	75.6		65.1	55-160				
9CL-PF3ONS	56.1	7.48	"	74.8		75.0	70-155				
ADONA	61.5	7.56	"	75.6		81.4	65-145				
Perfluorododecanesulfonic acid (PFDoS)	32.2	1.94	"	38.8		83.0	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	40.1	1.92	"	38.4		104	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	139	10.0	"	160		87.1	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	667	50.0	"	800		83.3	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	636	50.0	"	800		79.5	50-145				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
LCS (BH50912-BS1)								Prepared: 08/12/2025 Analyzed: 08/14/2025			
N-MeFOSE	394	20.0	ng/L	400		98.5	70-145				
N-MeFOSA	42.3	2.00	"	40.0		106	60-150				
N-EtFOSE	451	20.0	"	400		113	70-135				
N-EtFOSA	40.1	2.00	"	40.0		100	65-145				
Surrogate: M3PFBS	*22.9*		*"*	*23.3*		*98.2*	*40-135*				
Surrogate: M5PFHxA	*24.2*		*"*	*25.0*		*96.6*	*40-130*				
Surrogate: M4PFHpA	*19.7*		*"*	*25.0*		*78.8*	*40-130*				
Surrogate: M3PFHxS	*23.0*		*"*	*23.7*		*97.2*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.0*		*"*	*25.0*		*95.9*	*40-130*				
Surrogate: M6PFDA	*12.6*		*"*	*12.5*		*101*	*40-130*				
Surrogate: M7PFUdA	*12.8*		*"*	*12.5*		*102*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.3*		*"*	*12.5*		*114*	*10-130*				
Surrogate: M2PFTeDA	*10.8*		*"*	*12.5*		*86.1*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103*		*"*	*100*		*103*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.8*		*"*	*24.0*		*86.8*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*54.4*		*"*	*50.0*		*109*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.5*		*"*	*25.0*		*90.0*	*40-130*				
Surrogate: d3-N-MeFOSAA	*37.9*		*"*	*50.0*		*75.7*	*40-170*				
Surrogate: d5-N-EtFOSAA	*39.3*		*"*	*50.0*		*78.7*	*25-135*				
Surrogate: M2-6:2 FTS	*48.8*		*"*	*47.6*		*103*	*40-200*				
Surrogate: M2-8:2 FTS	*48.1*		*"*	*48.0*		*100*	*40-300*				
Surrogate: M9PFNA	*11.6*		*"*	*12.5*		*93.0*	*40-130*				
Surrogate: M2-4:2 FTS	*48.4*		*"*	*46.9*		*103*	*40-200*				
Surrogate: d-N-MeFOSA	*21.4*		*"*	*25.0*		*85.6*	*10-130*				
Surrogate: d-N-EtFOSA	*18.9*		*"*	*25.0*		*75.7*	*10-130*				
Surrogate: M3HFPO-DA	*95.8*		*"*	*100*		*95.8*	*40-130*				
Surrogate: d9-N-EtFOSE	*159*		*"*	*250*		*63.6*	*10-130*				
Surrogate: d7-N-MeFOSE	*187*		*"*	*250*		*74.9*	*10-130*				



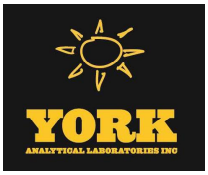
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
LCS (BH50912-BS2)								Prepared: 08/12/2025 Analyzed: 08/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.81	1.77	ng/L	3.54		108	60-145				
Perfluorohexanoic acid (PFHxA)	4.20	2.00	"	4.00		105	70-145				
Perfluoroheptanoic acid (PFHpA)	4.31	2.00	"	4.00		108	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	1.83	"	3.66		107	65-145				
Perfluorooctanoic acid (PFOA)	3.65	2.00	"	4.00		91.2	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.36	1.86	"	3.72		117	55-150				
Perfluorononanoic acid (PFNA)	3.84	2.00	"	4.00		95.9	70-150				
Perfluorodecanoic acid (PFDA)	3.73	2.00	"	4.00		93.2	70-140				
Perfluoroundecanoic acid (PFUnA)	3.88	2.00	"	4.00		96.9	70-145				
Perfluorododecanoic acid (PFDoA)	3.73	2.00	"	4.00		93.2	70-140				
Perfluorotridecanoic acid (PFTrDA)	4.70	2.00	"	4.00		117	65-140				
Perfluorotetradecanoic acid (PFTA)	4.01	2.00	"	4.00		100	60-140				
N-MeFOSAA	4.89	2.00	"	4.00		122	50-140				
N-EtFOSAA	4.71	2.00	"	4.00		118	70-145				
Perfluoropentanoic acid (PFPeA)	8.23	4.00	"	8.00		103	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	4.32	2.00	"	4.00		108	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.73	1.91	"	3.82		97.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.35	1.93	"	3.86		86.9	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.2	7.60	"	15.2		107	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.2	7.68	"	15.4		112	60-150				
Perfluoro-n-butanoic acid (PFBA)	15.7	8.00	"	16.0		98.1	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.53	3.56	"	7.12		77.6	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.64	4.00	"	8.00		108	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.73	4.00	"	8.00		122	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.13	4.00	"	8.00		114	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.18	1.88	"	3.76		111	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.1	7.50	"	15.0		108	70-145				
HFPO-DA (Gen-X)	9.61	8.00	"	8.00		120	70-140				
11CL-PF3OUdS	5.64	7.56	"	7.56		74.6	55-160				
9CL-PF3ONS	5.71	7.48	"	7.48		76.3	70-155				
ADONA	5.63	7.56	"	7.56		74.4	65-145				
Perfluorododecanesulfonic acid (PFDoS)	3.62	1.94	"	3.88		93.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.13	1.92	"	3.84		108	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	14.4	10.0	"	16.0		90.3	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	62.1	50.0	"	80.0		77.6	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	63.3	50.0	"	80.0		79.2	50-145				
N-MeFOSE	42.4	20.0	"	40.0		106	70-145				
N-MeFOSA	4.91	2.00	"	4.00		123	60-150				
N-EtFOSE	43.1	20.0	"	40.0		108	70-135				
N-EtFOSA	4.51	2.00	"	4.00		113	65-145				
Surrogate: M3PFBS	*22.4*		*"*	*23.3*		*96.1*	*40-135*				
Surrogate: M5PFHxA	*26.2*		*"*	*25.0*		*105*	*40-130*				
Surrogate: M4PFHpA	*20.8*		*"*	*25.0*		*83.3*	*40-130*				
Surrogate: M3PFHxS	*21.0*		*"*	*23.7*		*88.7*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
LCS (BH50912-BS2)											
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.1*		*ng/L*	*25.0*		*100*	*40-130*				
Surrogate: M6PFDA	*11.9*		*"*	*12.5*		*95.5*	*40-130*				
Surrogate: M7PFUdA	*13.2*		*"*	*12.5*		*106*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.8*		*"*	*12.5*		*102*	*10-130*				
Surrogate: M2PFTeDA	*10.1*		*"*	*12.5*		*80.9*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109*		*"*	*100*		*109*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.8*		*"*	*24.0*		*95.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*58.7*		*"*	*50.0*		*117*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.0*		*"*	*25.0*		*88.1*	*40-130*				
Surrogate: d3-N-MeFOSAA	*37.6*		*"*	*50.0*		*75.2*	*40-170*				
Surrogate: d5-N-EtFOSAA	*41.3*		*"*	*50.0*		*82.6*	*25-135*				
Surrogate: M2-6:2 FTS	*52.8*		*"*	*47.6*		*111*	*40-200*				
Surrogate: M2-8:2 FTS	*50.7*		*"*	*48.0*		*106*	*40-300*				
Surrogate: M9PFNA	*11.7*		*"*	*12.5*		*93.5*	*40-130*				
Surrogate: M2-4:2 FTS	*50.1*		*"*	*46.9*		*107*	*40-200*				
Surrogate: d-N-MeFOSA	*20.8*		*"*	*25.0*		*83.3*	*10-130*				
Surrogate: d-N-EtFOSA	*17.1*		*"*	*25.0*		*68.3*	*10-130*				
Surrogate: M3HFPO-DA	*94.0*		*"*	*100*		*94.0*	*40-130*				
Surrogate: d9-N-EtFOSE	*165*		*"*	*250*		*65.8*	*10-130*				
Surrogate: d7-N-MeFOSE	*191*		*"*	*250*		*76.5*	*10-130*				

Prepared: 08/12/2025 Analyzed: 08/14/2025


YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L The CCV recovery for this PFAS compound was below control limits.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

25H0326

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

Temp 1.9 °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GCT91269
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91269

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	8oz HDPE Plastic As Is
CT91270		SOIL	8/4/2025		x	1
CT91271	FB	WTR	8/4/2025		x	1
CT91275		SOIL	8/4/2025		x	1
CT91279		SOIL	8/4/2025		x	1

Relinquished by:	Accepted by:	Date:	Time:
Krystal Neuman		8/6/25	0760
	VG 8/6/25	13:18	

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.
Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

What State were samples collected?
NY

25H0326

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp 4.9 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Page 1 of 1
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HeleneG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GC191269
Report to: HeleneG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91269

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	4oz HDPE Plastic As Is	500 mL HDPE Plastic as is
CT91270		SOIL	8/4/2025		x		
CT91271	FB	WTR	8/4/2025		x	2	2
CT91275		SOIL	8/4/2025		x		
CT91279		SOIL	8/4/2025		x		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8/6/25	0700
[signature]	[signature]	8/6/25	13:18

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

What State were samples collected?
NY

Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Report Date: 08/29/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H1234

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/29/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H1234

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 19, 2025 and listed below. The project was identified as your project: **GCT91269**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H1234-01	CT91269	Soil	08/04/2025	08/19/2025
25H1234-02	CT91272	Soil	08/04/2025	08/19/2025
25H1234-03	CT91273	Soil	08/04/2025	08/19/2025
25H1234-04	CT91274	Soil	08/04/2025	08/19/2025
25H1234-05	CT91276	Soil	08/04/2025	08/19/2025
25H1234-06	CT91277	Soil	08/04/2025	08/19/2025
25H1234-07	CT91278	Soil	08/04/2025	08/19/2025

General Notes for York Project (SDG) No.: 25H1234

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 08/29/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: CT91269 **York Sample ID:** 25H1234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.423	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*119 %*	HT-NFD		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0759	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0542	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0759	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0759	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.220**		ug/kg dry	0.0759	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0951**	J	ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.542	0.542	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0867	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0325	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0759	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM

Sample Information

Client Sample ID: CT91269 **York Sample ID:** 25H1234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0650	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.195	0.824	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.173	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.173	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0650	0.386	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0434	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0759	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.238	0.813	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.249	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.238	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.293	0.811	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
919005-14-4	ADONA	ND		ug/kg dry	0.282	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.347	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.791	5.42	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.42	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.791	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.499	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0976	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*	*40-135*

Sample Information

Client Sample ID: CT91269 **York Sample ID:** 25H1234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*119 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*123 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*121 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*103 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*119 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*127 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*118 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*120 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*160 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*155 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.0 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*83.8 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.3 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91272 **York Sample ID:** 25H1234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.409	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*146 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0733	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0524	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0733	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.172**	J	ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.227**		ug/kg dry	0.0733	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.524	0.524	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0838	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0314	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM

Sample Information

Client Sample ID: CT91272 **York Sample ID:** 25H1234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0629	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.805	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0629	0.373	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0419	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0733	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.241	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.283	0.784	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
919005-14-4	ADONA	ND		ug/kg dry	0.272	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.335	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.765	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.985	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.765	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.482	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0943	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*164 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91272 **York Sample ID:** 25H1234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*146 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*138 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*143 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*142 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*164 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*159 %*	PFSu-H		*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*124 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*150 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*157 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*153 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*152 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*143 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*179 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*182 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*143 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*194 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*100 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.0 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*152 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.4 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.1 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91273 **York Sample ID:** 25H1234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.431	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*164 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0774	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0553	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0774	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.132**	J	ug/kg dry	0.0774	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.263**		ug/kg dry	0.0774	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.155	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0910**	J	ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.144	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.553	0.553	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.0900**	J	ug/kg dry	0.0885	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0332	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0774	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM

Sample Information

Client Sample ID: CT91273 **York Sample ID:** 25H1234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0663	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.199	0.840	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.177	0.849	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.177	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0663	0.394	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0442	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0774	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.243	0.829	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.254	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.243	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.299	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
919005-14-4	ADONA	ND		ug/kg dry	0.287	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.155	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.354	1.11	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.807	5.53	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.04	5.53	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.807	2.21	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.144	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.509	2.21	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0995	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*179 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91273 **York Sample ID:** 25H1234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*164 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*159 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*161 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*165 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*157 %*	PFSu-H		*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*131 %*	PFSu-H		*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.7 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*163 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*156 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*172 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*163 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*160 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*148 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*194 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*189 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*157 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*208 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*104 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*93.0 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*183 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.6 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*85.2 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91274 **York Sample ID:** 25H1234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.420	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*139 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0754	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0754	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.159**	J	ug/kg dry	0.0754	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.304**		ug/kg dry	0.0754	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.151	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0862	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0975**	J	ug/kg dry	0.0862	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0862	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.539	0.539	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0862	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0323	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0754	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM

Sample Information

Client Sample ID: CT91274 **York Sample ID:** 25H1234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0646	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.194	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.172	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.172	0.862	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0646	0.384	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0431	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.129	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0754	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.237	0.808	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.248	0.862	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.237	0.815	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.291	0.806	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
919005-14-4	ADONA	ND		ug/kg dry	0.280	0.815	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.151	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.345	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.787	5.39	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.01	5.39	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.787	2.15	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.140	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.496	2.15	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0970	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*141 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91274 **York Sample ID:** 25H1234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*139 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*132 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*148 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*139 %*	PFSu-H		*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*113 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.6 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*143 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*142 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*144 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*139 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*133 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*156 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*162 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*137 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.9 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*147 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.5 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*88.8 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91276 **York Sample ID:** 25H1234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.413	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*132 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0742	0.188	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0965**	J	ug/kg dry	0.0530	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.121**	J	ug/kg dry	0.117	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0742	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.280**		ug/kg dry	0.0742	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.560**		ug/kg dry	0.0742	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.148	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.129**	J	ug/kg dry	0.0848	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0931**	J	ug/kg dry	0.0848	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.117	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.138	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0848	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.530	0.530	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.127**	J	ug/kg dry	0.0848	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0318	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0742	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM

Sample Information

Client Sample ID: CT91276 **York Sample ID:** 25H1234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0636	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.191	0.806	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.170	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.170	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0636	0.377	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0424	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0742	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.233	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.244	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.233	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.286	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
919005-14-4	ADONA	ND		ug/kg dry	0.276	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.159	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.339	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.774	5.30	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.996	5.30	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.774	2.12	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.138	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.488	2.12	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0954	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*145 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91276 **York Sample ID:** 25H1234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*132 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*136 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*128 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*137 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*129 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*120 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*134 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*133 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*138 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*135 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*155 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*133 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*162 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*88.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.2 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*144 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*63.5 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*71.1 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91277 **York Sample ID:** 25H1234-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.407	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*123 %*	HT-NFD		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0731	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0522	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0731	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0731	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0731	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.146	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.522	0.522	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0835	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0313	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0731	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0626	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM

Sample Information

Client Sample ID: CT91277 **York Sample ID:** 25H1234-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.188	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.167	0.802	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.167	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0626	0.372	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0418	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0731	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.783	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.240	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.282	0.781	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
919005-14-4	ADONA	ND		ug/kg dry	0.271	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.334	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.762	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.981	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.762	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.480	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0939	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*	PFSu-H	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*123 %*		*40-130*

Sample Information

Client Sample ID: CT91277 **York Sample ID:** 25H1234-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*131 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*125 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*124 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*98.2 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*130 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*119 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*129 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*127 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*123 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*153 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.5 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*131 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.3 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.9 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91278 **York Sample ID:** 25H1234-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.409	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*129 %*	HT-NFD		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0733	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0524	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0733	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.184**	J	ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.202**		ug/kg dry	0.0733	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.524	0.524	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0838	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0314	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM

Sample Information

Client Sample ID: CT91278 **York Sample ID:** 25H1234-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0629	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.805	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0629	0.373	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0419	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0733	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.241	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.283	0.784	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
919005-14-4	ADONA	ND		ug/kg dry	0.272	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.335	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.765	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.985	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.765	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.482	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0943	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*	*40-135*

Sample Information

Client Sample ID: CT91278 **York Sample ID:** 25H1234-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*129 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*130 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*144 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*120 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*133 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*134 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*132 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*121 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*130 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*144 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*138 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*127 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*152 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*142 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*83.2 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.6 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.3**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Analytical Batch Summary

Batch ID: BH51708 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25H1234-01	CT91269	08/21/25
25H1234-02	CT91272	08/21/25
25H1234-03	CT91273	08/21/25
25H1234-04	CT91274	08/21/25
25H1234-05	CT91276	08/21/25
25H1234-06	CT91277	08/21/25
25H1234-07	CT91278	08/21/25

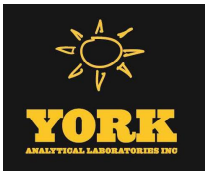
Batch ID: BH51765 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H1234-01	CT91269	08/22/25
25H1234-02	CT91272	08/22/25
25H1234-03	CT91273	08/22/25
25H1234-04	CT91274	08/22/25
25H1234-05	CT91276	08/22/25
25H1234-06	CT91277	08/22/25
25H1234-07	CT91278	08/22/25
BH51765-BLK1	Blank	08/22/25
BH51765-BS1	LCS	08/22/25
BH51765-BS2	LCS	08/22/25

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

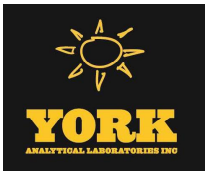
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
Blank (BH51765-BLK1)											Prepared: 08/22/2025 Analyzed: 08/27/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.497	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*3.12*		"	*2.32*		*135*	*40-135*				
Surrogate: M5PFHxA	*2.84*		"	*2.49*		*114*	*40-130*				
Surrogate: M4PFHpA	*2.77*		"	*2.49*		*111*	*40-130*				
Surrogate: M3PFHxS	*2.67*		"	*2.36*		*113*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

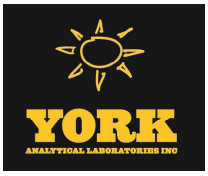
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
Blank (BH51765-BLK1)									Prepared: 08/22/2025 Analyzed: 08/27/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.78*		*ug/kg wet*	*2.49*		*112*	*40-130*				
Surrogate: M6PFDA	*1.35*		*"*	*1.24*		*108*	*40-130*				
Surrogate: M7PFUdA	*1.24*		*"*	*1.24*		*100*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.05*		*"*	*1.24*		*84.9*	*40-130*				
Surrogate: M2PFTeDA	*1.06*		*"*	*1.24*		*85.6*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*"*	*9.94*		*116*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.42*		*"*	*2.38*		*102*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.79*		*"*	*4.97*		*116*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.48*		*"*	*2.49*		*99.6*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.21*		*"*	*4.97*		*105*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.92*		*"*	*4.97*		*99.0*	*40-150*				
Surrogate: M2-6:2 FTS	*6.11*		*"*	*4.73*		*129*	*40-215*				
Surrogate: M2-8:2 FTS	*5.43*		*"*	*4.77*		*114*	*40-275*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*111*	*40-130*				
Surrogate: M2-4:2 FTS	*6.47*		*"*	*4.66*		*139*	*40-165*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.49*		*71.2*	*10-130*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.49*		*68.2*	*10-130*				
Surrogate: M3HFPO-DA	*11.9*		*"*	*9.94*		*120*	*40-130*				
Surrogate: d9-N-EtFOSE	*20.6*		*"*	*24.9*		*82.8*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.7*		*"*	*24.9*		*83.3*	*20-130*				
LCS (BH51765-BS1)									Prepared: 08/22/2025 Analyzed: 08/27/2025		
Perfluorobutanesulfonic acid (PFBS)	2.74	0.176	ug/kg wet	3.84		71.2	65-145				
Perfluorohexanoic acid (PFHxA)	3.52	0.199	"	4.34		81.0	65-140				
Perfluoroheptanoic acid (PFHpA)	3.39	0.199	"	4.34		78.2	65-145				
Perfluorohexanesulfonic acid (PFHxS)	2.94	0.182	"	3.96		74.2	60-150				
Perfluorooctanoic acid (PFOA)	3.45	0.199	"	4.34		79.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.21	0.185	"	4.02		79.7	65-160				
Perfluorononanoic acid (PFNA)	3.18	0.199	"	4.34		73.3	70-155				
Perfluorodecanoic acid (PFDA)	3.44	0.199	"	4.34		79.3	70-155				
Perfluoroundecanoic acid (PFUnA)	3.28	0.199	"	4.34		75.6	70-155				
Perfluorododecanoic acid (PFDoA)	3.26	0.199	"	4.34		75.2	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.33	0.199	"	4.34		76.7	65-150				
Perfluorotetradecanoic acid (PFTA)	3.42	0.199	"	4.34		78.7	65-150				
N-MeFOSAA	3.41	0.199	"	4.34		78.5	65-155				
N-EtFOSAA	3.58	0.498	"	4.34		82.5	65-165				
Perfluoropentanoic acid (PFPeA)	6.72	0.398	"	8.69		77.4	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.43	0.199	"	4.34		78.9	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.30	0.199	"	4.14		79.6	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.71	0.192	"	4.18		64.8	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.9	0.757	"	16.5		78.0	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	11.8	0.765	"	16.7		71.1	70-150				
Perfluoro-n-butanoic acid (PFBA)	13.4	0.797	"	17.4		77.4	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.08	0.355	"	7.73		78.7	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

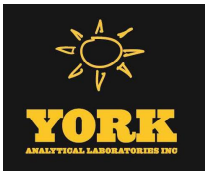
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
LCS (BH51765-BS1)								Prepared: 08/22/2025 Analyzed: 08/27/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.45	0.398	ug/kg wet	8.69		74.3	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.03	0.398	"	8.69		80.9	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.03	0.398	"	8.69		80.9	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.18	0.187	"	4.08		77.8	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	12.7	0.747	"	16.3		78.3	60-150				
HFPO-DA (Gen-X)	6.91	0.797	"	8.69		79.6	70-145				
11CL-PF3OUdS	4.27	0.753	"	8.21		52.0	45-160				
9CL-PF3ONS	5.42	0.745	"	8.11		66.8	70-150	Low Bias			
ADONA	6.39	0.753	"	8.21		77.8	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.193	"	4.20		66.4	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.24	0.191	"	4.18		77.6	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.3	0.996	"	17.4		88.4	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	70.5	4.98	"	86.9		81.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	69.3	4.98	"	86.9		79.8	60-150				
N-MeFOSE	35.0	1.99	"	43.4		80.6	70-140				
N-MeFOSA	3.29	0.199	"	4.34		75.8	70-155				
N-EtFOSE	35.8	1.99	"	43.4		82.5	70-135				
N-EtFOSA	3.84	0.199	"	4.34		88.4	70-140				
Surrogate: M3PFBS	*2.91*		*"*	*2.32*		*126*	*40-135*				
Surrogate: M5PFHxA	*2.76*		*"*	*2.49*		*111*	*40-130*				
Surrogate: M4PFHpA	*2.61*		*"*	*2.49*		*105*	*40-130*				
Surrogate: M3PFHxS	*2.64*		*"*	*2.36*		*112*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		*"*	*2.49*		*104*	*40-130*				
Surrogate: M6PFDA	*1.20*		*"*	*1.25*		*96.7*	*40-130*				
Surrogate: M7PFUdA	*1.12*		*"*	*1.25*		*90.3*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.993*		*"*	*1.25*		*79.7*	*40-130*				
Surrogate: M2PFTeDA	*0.937*		*"*	*1.25*		*75.3*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.96*		*115*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.39*		*"*	*2.39*		*100*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.68*		*"*	*4.98*		*114*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.47*		*"*	*2.49*		*99.3*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.80*		*"*	*4.98*		*96.4*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.50*		*"*	*4.98*		*90.3*	*40-150*				
Surrogate: M2-6:2 FTS	*4.98*		*"*	*4.74*		*105*	*40-215*				
Surrogate: M2-8:2 FTS	*5.02*		*"*	*4.78*		*105*	*40-275*				
Surrogate: M9PFNA	*1.35*		*"*	*1.25*		*108*	*40-130*				
Surrogate: M2-4:2 FTS	*5.49*		*"*	*4.67*		*117*	*40-165*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.49*		*73.6*	*10-130*				
Surrogate: d-N-EtFOSA	*1.67*		*"*	*2.49*		*66.9*	*10-130*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*9.96*		*118*	*40-130*				
Surrogate: d9-N-EtFOSE	*19.1*		*"*	*24.9*		*76.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.2*		*"*	*24.9*		*80.9*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

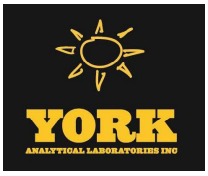
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
LCS (BH51765-BS2)								Prepared: 08/22/2025 Analyzed: 08/27/2025			
Perfluorobutanesulfonic acid (PFBS)	0.279	0.177	ug/kg wet	0.386		72.3	65-145				
Perfluorohexanoic acid (PFHxA)	0.304	0.200	"	0.436		69.6	65-140				
Perfluoroheptanoic acid (PFHpA)	0.330	0.200	"	0.436		75.7	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.272	0.183	"	0.398		68.3	60-150				
Perfluorooctanoic acid (PFOA)	0.319	0.200	"	0.436		73.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.239	0.186	"	0.404		59.2	65-160	Low Bias			
Perfluorononanoic acid (PFNA)	0.341	0.200	"	0.436		78.3	70-155				
Perfluorodecanoic acid (PFDA)	0.271	0.200	"	0.436		62.2	70-155	Low Bias			
Perfluoroundecanoic acid (PFUnA)	0.310	0.200	"	0.436		71.1	70-155				
Perfluorododecanoic acid (PFDoA)	0.329	0.200	"	0.436		75.5	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.311	0.200	"	0.436		71.4	65-150				
Perfluorotetradecanoic acid (PFTA)	0.308	0.200	"	0.436		70.7	65-150				
N-MeFOSAA	0.312	0.200	"	0.436		71.5	65-155				
N-EtFOSAA	0.352	0.500	"	0.436		80.6	65-165				
Perfluoropentanoic acid (PFPeA)	0.613	0.400	"	0.872		70.3	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.300	0.200	"	0.436		68.8	70-140	Low Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.339	0.200	"	0.416		81.5	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.201	0.193	"	0.420		47.8	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.11	0.760	"	1.66		66.8	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.15	0.768	"	1.67		68.7	70-150	Low Bias			
Perfluoro-n-butanoic acid (PFBA)	1.26	0.800	"	1.74		72.2	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.561	0.356	"	0.776		72.3	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.673	0.400	"	0.872		77.2	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.679	0.400	"	0.872		77.8	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.652	0.400	"	0.872		74.8	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.277	0.188	"	0.410		67.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.05	0.750	"	1.63		64.2	60-150				
HFPO-DA (Gen-X)	0.756	0.800	"	0.872		86.7	70-145				
11CL-PF3OUdS	0.592	0.756	"	0.824		71.8	45-160				
9CL-PF3ONS	0.401	0.748	"	0.814		49.2	70-150	Low Bias			
ADONA	0.662	0.756	"	0.824		80.4	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.285	0.194	"	0.422		67.4	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.461	0.192	"	0.420		110	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.54	1.00	"	1.74		88.5	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	6.70	5.00	"	8.72		76.9	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	6.21	5.00	"	8.72		71.2	60-150				
N-MeFOSE	3.63	2.00	"	4.36		83.1	70-140				
N-MeFOSA	0.529	0.200	"	0.436		121	70-155				
N-EtFOSE	3.63	2.00	"	4.36		83.2	70-135				
N-EtFOSA	0.394	0.200	"	0.436		90.3	70-140				
Surrogate: M3PFBS	*2.79*		*"*	*2.33*		*120*	*40-135*				
Surrogate: M5PFHxA	*2.69*		*"*	*2.50*		*108*	*40-130*				
Surrogate: M4PFHpA	*2.46*		*"*	*2.50*		*98.4*	*40-130*				
Surrogate: M3PFHxS	*2.44*		*"*	*2.37*		*103*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

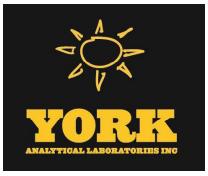
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
LCS (BH51765-BS2)								Prepared: 08/22/2025 Analyzed: 08/27/2025			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.45*		*ug/kg wet*	*2.50*		*98.1*	*40-130*				
Surrogate: M6PFDA	*1.16*		*"*	*1.25*		*93.0*	*40-130*				
Surrogate: M7PFUdA	*1.09*		*"*	*1.25*		*86.9*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		*"*	*1.25*		*76.2*	*40-130*				
Surrogate: M2PFTeDA	*0.988*		*"*	*1.25*		*79.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*"*	*10.0*		*110*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.94*		*"*	*2.40*		*81.1*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.53*		*"*	*5.00*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.96*		*"*	*2.50*		*78.6*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.13*		*"*	*5.00*		*82.7*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.09*		*"*	*5.00*		*81.8*	*40-150*				
Surrogate: M2-6:2 FTS	*5.02*		*"*	*4.76*		*106*	*40-215*				
Surrogate: M2-8:2 FTS	*4.36*		*"*	*4.80*		*90.9*	*40-275*				
Surrogate: M9PFNA	*1.15*		*"*	*1.25*		*92.2*	*40-130*				
Surrogate: M2-4:2 FTS	*5.78*		*"*	*4.69*		*123*	*40-165*				
Surrogate: d-N-MeFOSA	*1.44*		*"*	*2.50*		*57.7*	*10-130*				
Surrogate: d-N-EtFOSA	*1.42*		*"*	*2.50*		*56.8*	*10-130*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*10.0*		*117*	*40-130*				
Surrogate: d9-N-EtFOSE	*17.8*		*"*	*25.0*		*71.2*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*25.0*		*74.3*	*20-130*				
Batch S5H2836 - BG51450											
Performance Mix (S5H2836-PEM1)								Prepared & Analyzed: 08/27/2025			
Perfluorobutanesulfonic acid (PFBS)	1.80		ng/mL	2.22		81.3	0-200				
Perfluorohexanoic acid (PFHxA)	2.11		"	2.50		84.5	0-200				
Perfluoroheptanoic acid (PFHpA)	2.15		"	2.50		85.9	0-200				
Perfluorohexanesulfonic acid (PFHxS)	2.05		"	2.28		89.9	0-200				
Perfluorooctanoic acid (PFOA)	2.09		"	2.50		83.6	0-200				
Perfluorooctanesulfonic acid (PFOS)	2.08		"	2.32		89.6	0-200				
Perfluorononanoic acid (PFNA)	2.02		"	2.50		80.7	0-200				
Perfluorodecanoic acid (PFDA)	2.07		"	2.50		82.8	0-200				
Perfluoroundecanoic acid (PFUnA)	2.07		"	2.50		82.7	0-200				
Perfluorododecanoic acid (PFDoA)	2.11		"	2.50		84.4	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.02		"	2.50		80.6	0-200				
Perfluorotetradecanoic acid (PFTA)	2.08		"	2.50		83.4	0-200				
N-MeFOSAA	2.09		"	2.50		83.6	0-200				
N-EtFOSAA	2.17		"	2.50		86.7	0-200				
Perfluoropentanoic acid (PFPeA)	4.10		"	5.00		81.9	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.15		"	2.50		86.2	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.05		"	2.38		86.3	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	2.08		"	2.41		86.1	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.34		"	9.50		87.8	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	7.83		"	9.60		81.6	0-200				
Perfluoro-n-butanoic acid (PFBA)	8.33		"	10.0		83.3	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

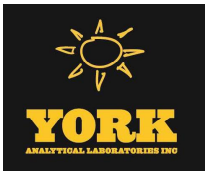
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2836 - BG51450											
Performance Mix (S5H2836-PEM1)								Prepared & Analyzed: 08/27/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.78		ng/mL	4.45		84.9	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.42		"	5.00		88.5	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.15		"	5.00		83.0	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	4.15		"	5.00		83.0	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.04		"	2.35		86.6	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	8.25		"	9.38		88.0	0-200				
HFPO-DA (Gen-X)	7.63		"	10.0		76.3	0-200				
11CL-PF3OUdS	7.59		"	9.45		80.3	0-200				
9CL-PF3ONS	7.95		"	9.35		85.1	0-200				
ADONA	7.51		"	9.45		79.5	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.10		"	2.42		86.6	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.30		"	2.40		96.0	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.9		"	12.5		87.2	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	52.3		"	62.6		83.5	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	54.0		"	62.6		86.3	0-200				
N-MeFOSE	20.3		"	25.0		81.2	0-200				
N-MeFOSA	1.98		"	2.50		79.0	0-200				
N-EtFOSE	20.0		"	25.0		79.9	0-200				
N-EtFOSA	2.11		"	2.50		84.4	0-200				
Surrogate: M3PFBS	*2.90*		*"*	*2.33*		*125*	*0-200*				
Surrogate: M5PFHxA	*2.84*		*"*	*2.50*		*114*	*0-200*				
Surrogate: M4PFHpA	*2.72*		*"*	*2.50*		*109*	*0-200*				
Surrogate: M3PFHxS	*2.73*		*"*	*2.37*		*115*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.89*		*"*	*2.50*		*115*	*0-200*				
Surrogate: M6PFDA	*1.44*		*"*	*1.25*		*115*	*0-200*				
Surrogate: M7PFUdA	*1.40*		*"*	*1.25*		*112*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.37*		*"*	*1.25*		*110*	*0-200*				
Surrogate: M2PFTeDA	*1.40*		*"*	*1.25*		*112*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.3*		*"*	*10.0*		*113*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.64*		*"*	*2.40*		*110*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.72*		*"*	*5.00*		*114*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.75*		*"*	*2.50*		*110*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.86*		*"*	*5.00*		*117*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.72*		*"*	*5.00*		*114*	*0-200*				
Surrogate: M2-6:2 FTS	*4.68*		*"*	*4.76*		*98.2*	*0-200*				
Surrogate: M2-8:2 FTS	*5.71*		*"*	*4.80*		*119*	*0-200*				
Surrogate: M9PFNA	*1.42*		*"*	*1.25*		*114*	*0-200*				
Surrogate: M2-4:2 FTS	*5.46*		*"*	*4.69*		*116*	*0-200*				
Surrogate: d-N-MeFOSA	*2.77*		*"*	*2.50*		*111*	*0-200*				
Surrogate: d-N-EtFOSA	*2.67*		*"*	*2.50*		*107*	*0-200*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*10.0*		*115*	*0-200*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

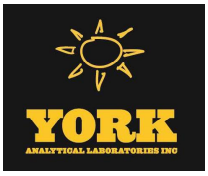
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2836 - BG51450											
Performance Mix (S5H2836-PEM1)								Prepared & Analyzed: 08/27/2025			
Surrogate: d9-N-EtFOSE	*28.6*		*ng/mL*	*25.0*		*114*	*0-200*				
Surrogate: d7-N-MeFOSE	*28.1*		*"*	*25.0*		*112*	*0-200*				
Batch S5H2837 - BH50414											
Performance Mix (S5H2837-PEM1)								Prepared & Analyzed: 08/27/2025			
Perfluorobutanesulfonic acid (PFBS)	1.83		ng/mL	2.22		82.5	0-200				
Perfluorohexanoic acid (PFHxA)	2.11		"	2.50		84.5	0-200				
Perfluoroheptanoic acid (PFHpA)	2.19		"	2.50		87.5	0-200				
Perfluorohexanesulfonic acid (PFHxS)	1.59		"	2.28		69.6	0-200				
Perfluorooctanoic acid (PFOA)	2.04		"	2.50		81.6	0-200				
Perfluorooctanesulfonic acid (PFOS)	1.75		"	2.32		75.5	0-200				
Perfluorononanoic acid (PFNA)	2.05		"	2.50		82.0	0-200				
Perfluorodecanoic acid (PFDA)	2.06		"	2.50		82.6	0-200				
Perfluoroundecanoic acid (PFUnA)	2.04		"	2.50		81.5	0-200				
Perfluorododecanoic acid (PFDoA)	2.03		"	2.50		81.0	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.07		"	2.50		82.8	0-200				
Perfluorotetradecanoic acid (PFTA)	2.05		"	2.50		82.1	0-200				
N-MeFOSAA	1.80		"	2.50		71.9	0-200				
N-EtFOSAA	1.85		"	2.50		73.8	0-200				
Perfluoropentanoic acid (PFPeA)	4.12		"	5.00		82.3	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.06		"	2.50		82.5	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.88		"	2.38		78.9	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	1.87		"	2.41		77.8	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.24		"	9.50		86.8	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.04		"	9.60		83.8	0-200				
Perfluoro-n-butanoic acid (PFBA)	8.31		"	10.0		83.1	0-200				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.90		"	4.45		87.6	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.61		"	5.00		92.2	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.35		"	5.00		86.9	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	4.21		"	5.00		84.3	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.07		"	2.35		88.1	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	7.72		"	9.38		82.3	0-200				
HFPO-DA (Gen-X)	8.34		"	10.0		83.4	0-200				
11CL-PF3OUdS	8.30		"	9.45		87.8	0-200				
9CL-PF3ONS	8.84		"	9.35		94.5	0-200				
ADONA	8.05		"	9.45		85.1	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.06		"	2.42		85.1	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.25		"	2.40		93.9	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.5		"	12.5		84.3	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	54.2		"	62.6		86.6	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	55.3		"	62.6		88.3	0-200				
N-MeFOSE	20.7		"	25.0		82.9	0-200				
N-MeFOSA	1.96		"	2.50		78.4	0-200				
N-EtFOSE	20.3		"	25.0		81.3	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2837 - BH50414											
Performance Mix (S5H2837-PEM1)							Prepared & Analyzed: 08/27/2025				
N-EtFOSA	2.11		ng/mL	2.50		84.4	0-200				
Surrogate: M3PFBS	*2.82*		*"*	*2.33*		*121*	*0-200*				
Surrogate: M5PFHxA	*2.92*		*"*	*2.50*		*117*	*0-200*				
Surrogate: M4PFHpA	*2.68*		*"*	*2.50*		*107*	*0-200*				
Surrogate: M3PFHxS	*2.64*		*"*	*2.37*		*111*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		*"*	*2.50*		*114*	*0-200*				
Surrogate: M6PFDA	*1.47*		*"*	*1.25*		*118*	*0-200*				
Surrogate: M7PFUdA	*1.47*		*"*	*1.25*		*117*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.40*		*"*	*1.25*		*112*	*0-200*				
Surrogate: M2PFTeDA	*1.35*		*"*	*1.25*		*108*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.9*		*"*	*10.0*		*119*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.95*		*"*	*2.40*		*123*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.01*		*"*	*5.00*		*120*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.07*		*"*	*2.50*		*123*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.81*		*"*	*5.00*		*116*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.85*		*"*	*5.00*		*117*	*0-200*				
Surrogate: M2-6:2 FTS	*4.80*		*"*	*4.76*		*101*	*0-200*				
Surrogate: M2-8:2 FTS	*5.57*		*"*	*4.80*		*116*	*0-200*				
Surrogate: M9PFNA	*1.49*		*"*	*1.25*		*120*	*0-200*				
Surrogate: M2-4:2 FTS	*5.66*		*"*	*4.69*		*121*	*0-200*				
Surrogate: d-N-MeFOSA	*2.80*		*"*	*2.50*		*112*	*0-200*				
Surrogate: d-N-EtFOSA	*2.70*		*"*	*2.50*		*108*	*0-200*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*10.0*		*112*	*0-200*				
Surrogate: d9-N-EtFOSE	*29.7*		*"*	*25.0*		*119*	*0-200*				
Surrogate: d7-N-MeFOSE	*28.8*		*"*	*25.0*		*115*	*0-200*				


YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-PR	Sample was prepared outside of the recommended holding time.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

25H1234

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

Temp 1.3 °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GCT91269
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91269

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	500ml HDPE Plastic As Is	8oz HDPE Plastic As Is
CT91269		SOIL	8/4/2025		x	1	
CT91272		SOIL	8/4/2025		x	1	
CT91273		SOIL	8/4/2025		x	1	
CT91274		SOIL	8/4/2025		x	1	
CT91276		SOIL	8/4/2025		x	1	
CT91277		SOIL	8/4/2025		x	1	
CT91278		SOIL	8/4/2025		x	1	

Relinquished by:	Accepted by:	Date:	Time:
Kelly Bailey	Dawson	8-19-25	5:50p
Dawson			
		8/19/25	9:41

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

What State were samples collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, August 13, 2025

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

Project ID: EARTH TECH
SDG ID: GCT91268
Sample ID#s: CT91268

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

Sample Id Cross Reference

August 13, 2025

SDG I.D.: GCT91268

Project ID: EARTH TECH

Client Id	Lab Id	Matrix	Col Date
ET-COMP 1	CT91268	SOIL	08/04/25 10:30

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 13, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	10:30
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91268
Phoenix ID: CT91268

Project ID: EARTH TECH
Client ID: ET-COMP 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	92.9	0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.811	0.236	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.824	0.172	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.804	0.236	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.815	0.193	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND	1.07	0.343	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND	5.36	0.783	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND	5.36	1.01	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND	0.802	0.290	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND	0.811	0.279	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND	0.858	0.247	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND	0.214	0.0965	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND	0.214	0.0965	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND	2.14	0.493	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND	0.429	0.418	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND	0.214	0.139	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND	0.214	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND	2.14	0.783	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0760 J	0.207	0.0643	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.214	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.214	0.0322	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.190	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0966 J	0.214	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.208	0.161	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.214	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 1

Phoenix I.D.: CT91268

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.214	0.118	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.196	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.214	0.0536	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.858	0.172	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.206	0.150	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.214	0.150	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.257		0.199	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.159	J	0.214	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	0.0763	J	0.202	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.130	J	0.429	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.214	0.139	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.214	0.118	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.214	0.118	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.130	J	0.382	0.0643	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.138	J	0.429	0.129	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.176	J	0.429	0.0429	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	105				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	119				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	72.5				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	67.4				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	66.3				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	75.5				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	121				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	122				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	120				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	84.4				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	103				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	105				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	105				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	115				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	107				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	112				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	103				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	109				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	92.6				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	116				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	109				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	110				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	119				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	98.3				%	1	08/11/25	KFH	40 - 130 %	C

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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

Phyllis Shiller, Laboratory Director
August 13, 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

NY # 11301

QA/QC Report

August 13, 2025

QA/QC Data

SDG I.D.: GCT91268

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 797944 (ng/g), QC Sample No: CT91268 (CT91268)										
PFOA & PFOS										
11Cl-PF3OUdS	ND	0.751	84.2	91.7					45 - 160	
3:3FTCA	ND	0.994	120	120					45 - 130	
4:2FTS	ND	0.746	116	115					60 - 150	
5:3FTCA	ND	4.97	122	120					60 - 130	
6:2FTS	ND	0.755	116	116					55 - 200	
7:3FTCA	ND	4.97	119	129					60 - 150	
8:2FTS	ND	0.763	118	122					70 - 150	
9Cl-PF3ONS	ND	0.744	95.9	93.4					70 - 150	
ADONA	ND	0.751	121	105					70 - 160	
FOSA	ND	0.199	111	115					70 - 140	
HFPO-DA	ND	0.795	105	124					70 - 145	
NEtFOSA	ND	0.199	105	116					70 - 140	
NEtFOSAA	ND	0.199	119	108					65 - 165	
NEtFOSE	ND	1.99	108	115					70 - 135	
NFDHA	ND	0.398	121	127					60 - 155	
NMeFOSA	ND	0.199	124	104					70 - 155	
NMeFOSAA	ND	0.199	112	107					65 - 155	
NMeFOSE	ND	1.99	107	114					70 - 140	
PFBA	ND	0.795	114	109					70 - 140	
PFBS	ND	0.176	110	113					65 - 145	
PFDA	ND	0.199	112	107					70 - 155	
PFDoA	ND	0.199	125	115					70 - 150	
PFDoDS	ND	0.193	82.9	92.0					25 - 160	
PFDS	ND	0.192	92.0	113					40 - 155	
PFEESA	ND	0.354	116	124					70 - 140	
PFHpA	ND	0.199	114	103					65 - 145	
PFHpS	ND	0.199	107	124					65 - 155	
PFHxA	ND	0.199	113	121					65 - 140	
PFHxS	ND	0.182	114	116					60 - 150	
PFMBA	ND	0.398	117	128					60 - 150	
PFMPA	ND	0.398	114	127					30 - 140	
PFNA	ND	0.199	104	113					70 - 155	
PFNS	ND	0.191	95.4	125					55 - 140	
PFOA	ND	0.199	100	113					70 - 150	
PFOS	ND	0.185	105	124					65 - 160	
PFPeA	ND	0.398	109	111					60 - 150	
PFPeS	ND	0.187	116	116					55 - 160	
PFTA	ND	0.199	113	99.9					65 - 150	
PFTrDA	ND	0.199	126	115					65 - 150	
PFUnA	ND	0.199	113	109					70 - 155	
% d3-N-MeFOSAA	87.9		83.8	93.8					40 - 135	

QA/QC Data

SDG I.D.: GCT91268

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	111		98.5	116					40 - 165	
% M2-6:2 FTS	115		99.8	114					40 - 215	
% M2-8:2 FTS	107		91.4	105					40 - 275	
% M2PFTEDA	75.0		77.9	91.0					20 - 130	
% M3HFPO-DA	107		101	115					40 - 130	
% M3PFBS	104		106	105					40 - 135	
% M3PFHxS	104		96.5	98.5					40 - 130	
% M4PFHpA	112		110	115					40 - 130	
% M5PFHxA	113		102	103					40 - 130	
% M5PFPEA	113		105	111					35 - 130	
% M6PFDA	98.4		94.7	98.7					40 - 130	
% M7PFUDA	99.4		93.6	102					40 - 130	
% M8FOSA	98.5		87.5	91.5					40 - 130	
% M8PFOA	108		113	109					40 - 130	
% M8PFOS	95.4		89.7	86.9					40 - 130	
% M9PFNA	110		107	96.4					40 - 130	
% MPFBA	111		113	112					8 - 130	
% MPFDOA	81.5		76.5	90.6					40 - 130	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

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
August 13, 2025

Wednesday, August 13, 2025

Criteria: NY: 375GWP, 375RRS

State: NY

Sample Criteria Exceedances Report

GCT91268 - TAYLORD

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

August 13, 2025 SDG I.D.: GCT91268

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

August 13, 2025

SDG I.D.: GCT91268

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

Temp 1.0 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer:
Address: Taylor Env. Inc

Project: Earth Tech
Report to: 495 Wood St
Invoice to: Oceanside, NY
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature

Date: 8/4/25

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PFAS Method 1633	1,4 Dioxane Low Level SIM Plastic	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	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 [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
91268	ET-Comp1	S	8/1/25	10:30		1												

Relinquished by:	Accepted by:	Date:	Time:
		8/4/25	1430
		8/4/25	15:05
		8/4/25	16:27

Comments, Special Requirements or Regulations:
96 Hour TAT
Part of another COC

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☑ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☒ 375SCO Unrestricted Soil GW/SCO
☐ 375SCO Residential Soil
☒ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Report Date: 08/12/2025
Client Project ID: GCT91268
York Project (SDG) No.: 25H0325

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/12/2025
Client Project ID: GCT91268
York Project (SDG) No.: 25H0325

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 06, 2025 and listed below. The project was identified as your project: **GCT91268**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H0325-01	CT91268	Soil	08/04/2025	08/06/2025

General Notes for York Project (SDG) No.: 25H0325

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher
Laboratory Manager

Date: 08/12/2025

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.418	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH

	Surrogate Recoveries	Result	Acceptance Range
338-30-1	*Surrogate: M5PFHxA*	*107 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0751	0.190	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0536	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0751	0.196	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.159**	J	ug/kg dry	0.0751	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.257**		ug/kg dry	0.0751	0.199	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.150	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.0966**	J	ug/kg dry	0.0858	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0858	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.139	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0858	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0965	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.130**	J	ug/kg dry	0.0858	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0322	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0751	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0760**	J	ug/kg dry	0.0643	0.207	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.193	0.815	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.172	0.824	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.172	0.858	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.130**	J	ug/kg dry	0.0643	0.382	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.176**	J	ug/kg dry	0.0429	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.138**	J	ug/kg dry	0.129	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**0.0763**	J	ug/kg dry	0.0751	0.202	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.236	0.804	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.247	0.858	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.236	0.811	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.290	0.802	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.279	0.811	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.150	0.206	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.343	1.07	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.783	5.36	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.01	5.36	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.783	2.14	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.139	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.493	2.14	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0965	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*105 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*107 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*103 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*98.3 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.4 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*119 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*109 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*112 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.6 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.4 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.5 %*			*20-130*						

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BH50553 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25H0325-01	CT91268	08/07/25
BH50553-DUP1	Duplicate	08/07/25

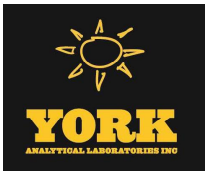
Batch ID: BH50579 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H0325-01	CT91268	08/07/25
BH50579-BLK1	Blank	08/07/25
BH50579-BS1	LCS	08/07/25
BH50579-BS2	LCS	08/07/25

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

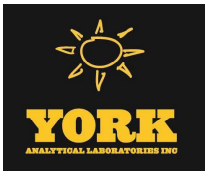
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.42*		"	*2.32*		*104*	*40-135*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*40-130*				
Surrogate: M4PFHpA	*2.78*		"	*2.49*		*112*	*40-130*				
Surrogate: M3PFHxS	*2.46*		"	*2.36*		*104*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

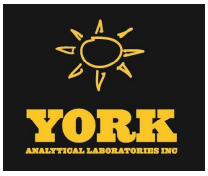
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		*ug/kg wet*	*2.49*		*108*	*40-130*				
Surrogate: M6PFDA	*1.22*		*"*	*1.24*		*98.4*	*40-130*				
Surrogate: M7PFUdA	*1.23*		*"*	*1.24*		*99.4*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		*"*	*1.24*		*81.5*	*40-130*				
Surrogate: M2PFTeDA	*0.932*		*"*	*1.24*		*75.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*"*	*9.94*		*111*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.27*		*"*	*2.38*		*95.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		*"*	*4.97*		*113*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.45*		*"*	*2.49*		*98.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*4.97*		*87.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.15*		*"*	*4.97*		*104*	*40-150*				
Surrogate: M2-6:2 FTS	*5.43*		*"*	*4.73*		*115*	*40-215*				
Surrogate: M2-8:2 FTS	*5.09*		*"*	*4.77*		*107*	*40-275*				
Surrogate: M9PFNA	*1.37*		*"*	*1.24*		*110*	*40-130*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.66*		*111*	*40-165*				
Surrogate: d-N-MeFOSA	*1.94*		*"*	*2.49*		*78.2*	*10-130*				
Surrogate: d-N-EtFOSA	*2.14*		*"*	*2.49*		*86.0*	*10-130*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*107*	*40-130*				
Surrogate: d9-N-EtFOSE	*22.4*		*"*	*24.9*		*90.1*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.8*	*20-130*				
LCS (BH50579-BS1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	3.87	0.176	ug/kg wet	3.53		110	65-145				
Perfluorohexanoic acid (PFHxA)	4.51	0.199	"	3.98		113	65-140				
Perfluoroheptanoic acid (PFHpA)	4.54	0.199	"	3.98		114	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.16	0.182	"	3.65		114	60-150				
Perfluorooctanoic acid (PFOA)	4.00	0.199	"	3.98		100	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.88	0.185	"	3.71		105	65-160				
Perfluorononanoic acid (PFNA)	4.13	0.199	"	3.98		104	70-155				
Perfluorodecanoic acid (PFDA)	4.46	0.199	"	3.98		112	70-155				
Perfluoroundecanoic acid (PFUnA)	4.51	0.199	"	3.98		113	70-155				
Perfluorododecanoic acid (PFDoA)	4.97	0.199	"	3.98		125	70-150				
Perfluorotridecanoic acid (PFTrDA)	5.03	0.199	"	3.98		126	65-150				
Perfluorotetradecanoic acid (PFTA)	4.52	0.199	"	3.98		113	65-150				
N-MeFOSAA	4.47	0.199	"	3.98		112	65-155				
N-EtFOSAA	4.73	0.199	"	3.98		119	65-165				
Perfluoropentanoic acid (PFPeA)	8.70	0.398	"	7.97		109	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.41	0.199	"	3.98		111	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.05	0.199	"	3.80		107	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.54	0.192	"	3.84		92.0	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	0.757	"	15.1		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.1	0.765	"	15.3		118	70-150				
Perfluoro-n-butanoic acid (PFBA)	18.2	0.797	"	15.9		114	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.355	"	7.09		116	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

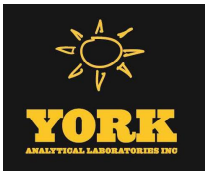
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS1)								Prepared: 08/07/2025 Analyzed: 08/11/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.64	0.398	ug/kg wet	7.97		121	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.09	0.398	"	7.97		114	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.398	"	7.97		117	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.36	0.187	"	3.75		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.3	0.747	"	14.9		116	60-150				
HFPO-DA (Gen-X)	8.41	0.797	"	7.97		105	70-145				
11CL-PF3OUdS	6.34	0.753	"	7.53		84.2	45-160				
9CL-PF3ONS	7.14	0.745	"	7.45		95.9	70-150				
ADONA	9.09	0.753	"	7.53		121	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.20	0.193	"	3.86		82.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.65	0.191	"	3.82		95.4	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	19.1	0.996	"	15.9		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	97.3	4.98	"	79.7		122	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.9	4.98	"	79.7		119	60-150				
N-MeFOSE	42.8	1.99	"	39.8		107	70-140				
N-MeFOSA	4.92	0.199	"	3.98		124	70-155				
N-EtFOSE	43.0	1.99	"	39.8		108	70-135				
N-EtFOSA	4.17	0.199	"	3.98		105	70-140				
Surrogate: M3PFBS	*2.46*		"	*2.32*		*106*	*40-135*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*40-130*				
Surrogate: M4PFHpA	*2.74*		"	*2.49*		*110*	*40-130*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.49*		*113*	*40-130*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.7*	*40-130*				
Surrogate: M7PFUdA	*1.17*		"	*1.25*		*93.6*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		"	*1.25*		*76.5*	*40-130*				
Surrogate: M2PFTeDA	*0.970*		"	*1.25*		*77.9*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*9.96*		*113*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		"	*2.39*		*89.7*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.21*		"	*4.98*		*105*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.18*		"	*2.49*		*87.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.17*		"	*4.98*		*83.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.38*		"	*4.98*		*88.0*	*40-150*				
Surrogate: M2-6:2 FTS	*4.73*		"	*4.74*		*99.8*	*40-215*				
Surrogate: M2-8:2 FTS	*4.37*		"	*4.78*		*91.4*	*40-275*				
Surrogate: M9PFNA	*1.33*		"	*1.25*		*107*	*40-130*				
Surrogate: M2-4:2 FTS	*4.60*		"	*4.67*		*98.5*	*40-165*				
Surrogate: d-N-MeFOSA	*1.72*		"	*2.49*		*69.0*	*10-130*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.49*		*72.7*	*10-130*				
Surrogate: M3HFPO-DA	*10.1*		"	*9.96*		*101*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.9*		"	*24.9*		*75.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.0*		"	*24.9*		*80.3*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

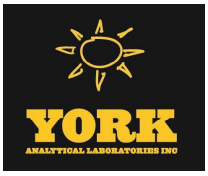
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS2)								Prepared: 08/07/2025 Analyzed: 08/11/2025			
Perfluorobutanesulfonic acid (PFBS)	0.400	0.176	ug/kg wet	0.353		113	65-145				
Perfluorohexanoic acid (PFHxA)	0.482	0.199	"	0.398		121	65-140				
Perfluoroheptanoic acid (PFHpA)	0.411	0.199	"	0.398		103	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.422	0.182	"	0.365		116	60-150				
Perfluorooctanoic acid (PFOA)	0.450	0.199	"	0.398		113	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.461	0.185	"	0.371		124	65-160				
Perfluorononanoic acid (PFNA)	0.451	0.199	"	0.398		113	70-155				
Perfluorodecanoic acid (PFDA)	0.425	0.199	"	0.398		107	70-155				
Perfluoroundecanoic acid (PFUnA)	0.433	0.199	"	0.398		109	70-155				
Perfluorododecanoic acid (PFDoA)	0.458	0.199	"	0.398		115	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.459	0.199	"	0.398		115	65-150				
Perfluorotetradecanoic acid (PFTA)	0.398	0.199	"	0.398		99.9	65-150				
N-MeFOSAA	0.425	0.199	"	0.398		107	65-155				
N-EtFOSAA	0.431	0.199	"	0.398		108	65-165				
Perfluoropentanoic acid (PFPeA)	0.882	0.398	"	0.797		111	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.458	0.199	"	0.398		115	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.471	0.199	"	0.380		124	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.436	0.192	"	0.384		113	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.75	0.757	"	1.51		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.86	0.765	"	1.53		122	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.73	0.797	"	1.59		109	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.880	0.355	"	0.709		124	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.01	0.398	"	0.797		127	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.01	0.398	"	0.797		127	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.02	0.398	"	0.797		128	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.436	0.187	"	0.375		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.72	0.747	"	1.49		115	60-150				
HFPO-DA (Gen-X)	0.991	0.797	"	0.797		124	70-145				
11CL-PF3OUdS	0.691	0.753	"	0.753		91.7	45-160				
9CL-PF3ONS	0.696	0.745	"	0.745		93.4	70-150				
ADONA	0.791	0.753	"	0.753		105	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.355	0.193	"	0.386		92.0	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.478	0.191	"	0.382		125	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.91	0.996	"	1.59		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.59	4.98	"	7.97		120	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	10.2	4.98	"	7.97		129	60-150				
N-MeFOSE	4.55	1.99	"	3.98		114	70-140				
N-MeFOSA	0.416	0.199	"	0.398		104	70-155				
N-EtFOSE	4.60	1.99	"	3.98		115	70-135				
N-EtFOSA	0.460	0.199	"	0.398		116	70-140				
Surrogate: M3PFBS	*2.45*		*"*	*2.32*		*105*	*40-135*				
Surrogate: M5PFHxA	*2.58*		*"*	*2.49*		*103*	*40-130*				
Surrogate: M4PFHpA	*2.87*		*"*	*2.49*		*115*	*40-130*				
Surrogate: M3PFHxS	*2.33*		*"*	*2.36*		*98.5*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

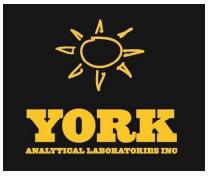
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS2)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		*ug/kg wet*	*2.49*		*109*	*40-130*				
Surrogate: M6PFDA	*1.23*		*"*	*1.25*		*98.7*	*40-130*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.25*		*102*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		*"*	*1.25*		*90.6*	*40-130*				
Surrogate: M2PFTeDA	*1.13*		*"*	*1.25*		*91.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*"*	*9.96*		*112*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.39*		*86.9*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.53*		*"*	*4.98*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.28*		*"*	*2.49*		*91.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.67*		*"*	*4.98*		*93.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.08*		*"*	*4.98*		*102*	*40-150*				
Surrogate: M2-6:2 FTS	*5.38*		*"*	*4.74*		*114*	*40-215*				
Surrogate: M2-8:2 FTS	*5.03*		*"*	*4.78*		*105*	*40-275*				
Surrogate: M9PFNA	*1.20*		*"*	*1.25*		*96.4*	*40-130*				
Surrogate: M2-4:2 FTS	*5.41*		*"*	*4.67*		*116*	*40-165*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.49*		*76.9*	*10-130*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.49*		*75.1*	*10-130*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.96*		*115*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.7*		*"*	*24.9*		*87.0*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.7*	*20-130*				
Batch S5H1119 - BH50481											
Performance Mix (S5H1119-PEM1)									Prepared & Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	2.18		ng/mL	2.22		98.4	0-200				
Perfluorohexanoic acid (PFHxA)	2.47		"	2.50		98.9	0-200				
Perfluoroheptanoic acid (PFHpA)	2.58		"	2.50		103	0-200				
Perfluorohexanesulfonic acid (PFHxS)	2.35		"	2.28		103	0-200				
Perfluorooctanoic acid (PFOA)	2.36		"	2.50		94.4	0-200				
Perfluorooctanesulfonic acid (PFOS)	2.10		"	2.32		90.4	0-200				
Perfluorononanoic acid (PFNA)	2.39		"	2.50		95.4	0-200				
Perfluorodecanoic acid (PFDA)	2.48		"	2.50		99.1	0-200				
Perfluoroundecanoic acid (PFUnA)	2.07		"	2.50		82.9	0-200				
Perfluorododecanoic acid (PFDoA)	2.64		"	2.50		106	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.74		"	2.50		110	0-200				
Perfluorotetradecanoic acid (PFTA)	2.49		"	2.50		99.7	0-200				
N-MeFOSAA	2.30		"	2.50		92.0	0-200				
N-EtFOSAA	2.31		"	2.50		92.3	0-200				
Perfluoropentanoic acid (PFPeA)	4.90		"	5.00		98.0	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.40		"	2.50		96.2	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.16		"	2.38		90.7	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	2.13		"	2.41		88.3	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	9.95		"	9.50		105	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	10.1		"	9.60		106	0-200				
Perfluoro-n-butanoic acid (PFBA)	9.65		"	10.0		96.5	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

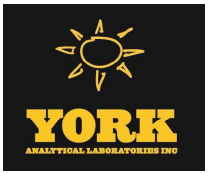
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H1119 - BH50481											
Performance Mix (S5H1119-PEM1)								Prepared & Analyzed: 08/11/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.75		ng/mL	4.45		107	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.20		"	5.00		104	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.72		"	5.00		94.3	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	5.02		"	5.00		100	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.20		"	2.35		93.8	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	9.65		"	9.38		103	0-200				
HFPO-DA (Gen-X)	9.91		"	10.0		99.1	0-200				
11CL-PF3OUdS	10.5		"	9.45		112	0-200				
9CL-PF3ONS	10.7		"	9.35		114	0-200				
ADONA	10.6		"	9.45		112	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.34		"	2.42		96.7	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.49		"	2.40		104	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.3		"	12.5		106	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	68.6		"	62.6		110	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	73.2		"	62.6		117	0-200				
N-MeFOSE	24.8		"	25.0		99.1	0-200				
N-MeFOSA	2.44		"	2.50		97.4	0-200				
N-EtFOSE	24.3		"	25.0		97.1	0-200				
N-EtFOSA	2.52		"	2.50		101	0-200				
Surrogate: M3PFBS	*2.19*		*"*	*2.33*		*94.2*	*0-200*				
Surrogate: M5PFHxA	*2.28*		*"*	*2.50*		*91.4*	*0-200*				
Surrogate: M4PFHpA	*2.44*		*"*	*2.50*		*97.6*	*0-200*				
Surrogate: M3PFHxS	*2.16*		*"*	*2.37*		*91.3*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.39*		*"*	*2.50*		*95.6*	*0-200*				
Surrogate: M6PFDA	*1.14*		*"*	*1.25*		*91.3*	*0-200*				
Surrogate: M7PFUdA	*1.35*		*"*	*1.25*		*108*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		*"*	*1.25*		*88.8*	*0-200*				
Surrogate: M2PFTeDA	*1.12*		*"*	*1.25*		*89.2*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		*"*	*2.40*		*98.7*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*5.00*		*95.9*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.46*		*"*	*2.50*		*98.2*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.04*		*"*	*5.00*		*101*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.52*		*"*	*5.00*		*110*	*0-200*				
Surrogate: M2-6:2 FTS	*5.01*		*"*	*4.76*		*105*	*0-200*				
Surrogate: M2-8:2 FTS	*4.63*		*"*	*4.80*		*96.5*	*0-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.25*		*93.3*	*0-200*				
Surrogate: M2-4:2 FTS	*4.35*		*"*	*4.69*		*92.7*	*0-200*				
Surrogate: d-N-MeFOSA	*2.49*		*"*	*2.50*		*99.7*	*0-200*				
Surrogate: d-N-EtFOSA	*2.45*		*"*	*2.50*		*97.9*	*0-200*				
Surrogate: M3HFPO-DA	*9.37*		*"*	*10.0*		*93.7*	*0-200*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H1119 - BH50481											
Performance Mix (S5H1119-PEM1)							Prepared & Analyzed: 08/11/2025				
Surrogate: d9-N-EtFOSE	*25.7*		*ng/mL*	*25.0*		*103*	*0-200*				
Surrogate: d7-N-MeFOSE	*25.6*		*"*	*25.0*		*102*	*0-200*				
Batch S5H1208 - BH50579											
Performance Mix (S5H1208-PEM1)							Prepared & Analyzed: 08/11/2025				
Perfluorobutanesulfonic acid (PFBS)	2.18		ng/mL	2.22		98.4	0-200				
Perfluorohexanoic acid (PFHxA)	2.47		"	2.50		98.9	0-200				
Perfluoroheptanoic acid (PFHpA)	2.58		"	2.50		103	0-200				
Perfluorohexanesulfonic acid (PFHxS)	2.35		"	2.28		103	0-200				
Perfluorooctanoic acid (PFOA)	2.36		"	2.50		94.4	0-200				
Perfluorooctanesulfonic acid (PFOS)	2.10		"	2.32		90.4	0-200				
Perfluorononanoic acid (PFNA)	2.39		"	2.50		95.4	0-200				
Perfluorodecanoic acid (PFDA)	2.48		"	2.50		99.1	0-200				
Perfluoroundecanoic acid (PFUnA)	2.07		"	2.50		82.9	0-200				
Perfluorododecanoic acid (PFDoA)	2.64		"	2.50		106	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.74		"	2.50		110	0-200				
Perfluorotetradecanoic acid (PFTA)	2.49		"	2.50		99.7	0-200				
N-MeFOSAA	2.30		"	2.50		92.0	0-200				
N-EtFOSAA	2.31		"	2.50		92.3	0-200				
Perfluoropentanoic acid (PFPeA)	4.90		"	5.00		98.0	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.40		"	2.50		96.2	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.16		"	2.38		90.7	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	2.13		"	2.41		88.3	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	9.95		"	9.50		105	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	10.1		"	9.60		106	0-200				
Perfluoro-n-butanoic acid (PFBA)	9.65		"	10.0		96.5	0-200				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.75		"	4.45		107	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.20		"	5.00		104	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.72		"	5.00		94.3	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	5.02		"	5.00		100	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.20		"	2.35		93.8	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	9.65		"	9.38		103	0-200				
HFPO-DA (Gen-X)	9.91		"	10.0		99.1	0-200				
11CL-PF3OUdS	10.5		"	9.45		112	0-200				
9CL-PF3ONS	10.7		"	9.35		114	0-200				
ADONA	10.6		"	9.45		112	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.34		"	2.42		96.7	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.49		"	2.40		104	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.3		"	12.5		106	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	68.6		"	62.6		110	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	73.2		"	62.6		117	0-200				
N-MeFOSE	24.8		"	25.0		99.1	0-200				
N-MeFOSA	2.44		"	2.50		97.4	0-200				
N-EtFOSE	24.3		"	25.0		97.1	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H1208 - BH50579											
Performance Mix (S5H1208-PEM1)							Prepared & Analyzed: 08/11/2025				
N-EtFOSA	2.52		ng/mL	2.50		101	0-200				
Surrogate: M3PFBS	*2.19*		*"*	*2.33*		*94.2*	*0-200*				
Surrogate: M5PFHxA	*2.28*		*"*	*2.50*		*91.4*	*0-200*				
Surrogate: M4PFHpA	*2.44*		*"*	*2.50*		*97.6*	*0-200*				
Surrogate: M3PFHxS	*2.16*		*"*	*2.37*		*91.3*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.39*		*"*	*2.50*		*95.6*	*0-200*				
Surrogate: M6PFDA	*1.14*		*"*	*1.25*		*91.3*	*0-200*				
Surrogate: M7PFUdA	*1.35*		*"*	*1.25*		*108*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		*"*	*1.25*		*88.8*	*0-200*				
Surrogate: M2PFTeDA	*1.12*		*"*	*1.25*		*89.2*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		*"*	*2.40*		*98.7*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*5.00*		*95.9*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.46*		*"*	*2.50*		*98.2*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.04*		*"*	*5.00*		*101*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.52*		*"*	*5.00*		*110*	*0-200*				
Surrogate: M2-6:2 FTS	*5.01*		*"*	*4.76*		*105*	*0-200*				
Surrogate: M2-8:2 FTS	*4.63*		*"*	*4.80*		*96.5*	*0-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.25*		*93.3*	*0-200*				
Surrogate: M2-4:2 FTS	*4.35*		*"*	*4.69*		*92.7*	*0-200*				
Surrogate: d-N-MeFOSA	*2.49*		*"*	*2.50*		*99.7*	*0-200*				
Surrogate: d-N-EtFOSA	*2.45*		*"*	*2.50*		*97.9*	*0-200*				
Surrogate: M3HFPO-DA	*9.37*		*"*	*10.0*		*93.7*	*0-200*				
Surrogate: d9-N-EtFOSE	*25.7*		*"*	*25.0*		*103*	*0-200*				
Surrogate: d7-N-MeFOSE	*25.6*		*"*	*25.0*		*102*	*0-200*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50553 - % Solids Prep											
Duplicate (BH50553-DUP1)	*Source sample: 25H0325-01 (CT91268)							Prepared & Analyzed: 08/07/2025			
% Solids	92.2	0.100	%		92.9				0.758	20	

Sample and Data Qualifiers Relating to This Work Order

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

25H0325

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

Temp 1.9 °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GCT91268
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91268

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	8oz HDPE Plastic As Is
CT91268		SOIL	8/4/2025	10:30 AM	x	1

Relinquished by:	Accepted by:	Date:	Time:
		8/6/25	0700
	8/6/25	13:18	

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☒ Other 4

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

What State were samples collected?
NY

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

Outlook

RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Tue 9/9/2025 9:55 AM
To Nicholas Palumbo <npalumbo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>

Nick,
The Department has reviewed the request dated September 5, 2025 to import approximately 10,000 cubic yards of general fill material from Earth Tech Recycling Inc. (6 NYCRR Part 360 Registration ID Nos. 30C60155 and 30C10155) located at 495 Wood Street in New York. The material will be used for backfill above the demarcation layer between the forthcoming pile-supported platform slab and open-space hardscape/landscape. Based on the information provided, the request is hereby approved.
The proposed fill material meets the lower of the Restricted Residential or Groundwater Protection soil cleanup objectives (SCOs) as provided in Appendix 5 of DER-10 and the guidance document “Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC’s Part 375 Remedial Programs. Therefore, this material may be placed above the demarcation layer.
Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions, please contact me.
Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Friday, September 5, 2025 5:38 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

The contractor completed the additional PFAS sampling to meet the full suite and frequency specified in DER-10. Please find the complete import request at the link below for 10,000 cubic yards of Clean Fill from Earth Tech Recycling Inc., located at 495 Wood Street, Oceanside, New York in Nassau County.

The proposed use of the material is to fill above the demarcation layer between the forthcoming pile-supported platform slab and open-space hardscape/landscape. Please let us know if DEC takes any

exception to the proposed import and placement of this material.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=1646551685

Name	Type	Size
Request to Import - Earth Tech Recycling Clean Fill #1	.pdf	19.77 MB

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link
www.langan.com

Technical Excellence • Practical Experience • Client Responsiveness

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON OREGON NEVADA CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Friday, August 15, 2025 10:28 AM
To: Nicholas Palumbo <npalumbo@langan.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

Hi Nick,

We require all imported soil to be sampled in accordance with DER-10 for full suite parameters. Please submit a full request to import form for tis material.

Thanks,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/wendizhengdecnygov

---

From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Thursday, August 14, 2025 10:09 AM

To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

Attached are the results for the rushed PFAS composite sample. The data meets the Restricted-Residential and Protection of Groundwater SCOs.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link
www.langan.com

Technical Excellence • Practical Experience • Client Responsiveness

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON OREGON NEVADA CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

From: Nicholas Palumbo
Sent: Thursday, August 7, 2025 11:30 AM
To: Zheng, Wendi Y (DEC) <wendi.zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

Hi Wendi,

As discussed earlier this week, the contractor at Willets Point Triangle Parcel (Triumph Construction) is proposing to import 10,000 cubic yards of Clean Fill from Earth Tech Recycling Inc., a Part 360-registered facility located at 495 Wood Street, Oceanside, New York in Nassau County. The contractor is proposing a reduced sampling frequency for PFAS (4 of the 11 required composite soil samples) and provided the attached submittal which includes two letters from the Professional Geologist who performed the soil sampling (Taylord Environmental), a sieve analysis, the Facility's Part 360 registration, a sample location map, and laboratory analytical data and reports.

Langan reviewed the attached submittal and with the exception of PFAS analysis, the sampling frequency and analytical parameters are in accordance with DER-10, the NYSDEC-approved August 30, 2024 Site Management Plan, and the analytical results meet the lower of the Restricted-Residential and Protection of Groundwater SCOs. The August 5, 2025 Letter from Taylord Environmental requests PFAS sample analysis at 4 of the 11 composite sample locations (ET-Comp1, ET-Comp3, ET-Comp7, ET-Comp11) and states that *soil and rock that enter the facility are generated by residential sites in Nassau and Suffolk Counties and that PFAS are not a contaminant of concern for this recycling facility, based on the inbound origins.*

Please let us know if DEC would accept this reduced PFAS sampling frequency.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
368 Ninth Avenue
8th Floor
New York, NY 10001-2727
www.langan.com

Technical Excellence • Practical Experience • Client Responsiveness

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON OREGON NEVADA CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.
This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

Willets Point Development
Triangle Parcel Open Space

38-27 126th STREET
QUEENS, NEW YORK 11368

Langan No. 170197645
BCP Site No. C241146E

IMPORT MATERIAL PACKAGE

Material Type ASTM #57 Stone

Source Facility Callanan Industries, Inc.
Bridgeville Quarry
Sullivan Road
South of NYS Route 17
Thompson, New York

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 4,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

The material meets the requirements of DER-10 5.4(e)5. No testing is required.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

NA

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Callanan Industries, Inc. - Bridgeville Quarry

Location where fill was obtained:

Sullivan Road south of NYS Route 17

Identification of any state or local approvals as a fill source:

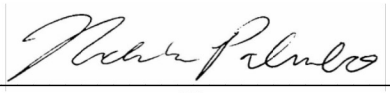
NYSDEC Mined Land Reclamation Permit No. 3-4846-00007/00003

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source Facility Letter
Coarse Aggregate Analysis
ASTM #57 Blend Sieve Analysis
NYSDEC Correspondence Re: Mine Permit Status
Mine Plan Map and Operations Update
NYS Mined Land Reclamation Database Listing

The information provided on this form is accurate and complete.



Signature

July 18, 2025

Date

Nicholas Palumbo

Print Name

Langan - Engineering

Firm

July 8, 2025

Triumph Construction Corp
1354 Seneca Avenue
Bronx, NY 10474

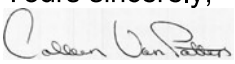
Attn: Jairo Galarza-Granda
RE: Willets Point
Queens
Updated from submittal dated April 18, 2024

Dear Jairo:

As it is produced by our Bridgeville source, a blend of NYSDOT #1 Crushed Stone & NYSDOT #2 Crushed Stone (also known as ASTM #57 Stone) is manufactured to meet New York State Department of Transportation Standard Specifications.

Our Bridgeville source (9-37R) was approved by the NYSDOT under test number 24AR027 and that test result indicating source quality is attached. Also attached, please find a typical gradation for a blend of NYSDOT #1 Crushed Stone & NYSDOT #2 Crushed Stone (also known as ASTM #57 Stone).

Yours sincerely,



Colleen VanPatten
QC Technician
Quality Control Department

T + 1 (518) 374 2222
E cvanpatten@callanan.com

NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

Source
9-37R
Callanan Industries Inc.
Bridgeville, NY

Sample/Test
Sample Date: 05/06/2024
Test No.: 24AR027
LRN: SM24013376
Smpl ID: mhiggins2456134935

**** Privileged and Confidential ****

Test results represent this sample only. They may not be appropriate for designing mixes. When designing mixes, follow procedures in appropriate Materials Method.

Material meets specifications for §703-02, Coarse Aggregate. Consult pavement friction requirements for intended use.

Sample Remarks: Submitted for % deleterious material (shale) determination.

Stone Size	DOT 1	
Sieve Size	**% Retained**	**% Passing**
1.5 in. (37.5 mm)	0	100.0
1 in. (25 mm)	0	100.0
3/4 in. (19 mm)	0.3	99.7
1/2 in. (12.5 mm)	12.3	87.4
3/8 in. (9.5 mm)	46.6	40.8
1/4 in. (6.3 mm)	35.9	4.9
No. 4 (4.75 mm)	2.2	2.7
Pan	2.6	0

Run	Specific Gravity	
1	Bulk SSD	2.704
1	Bulk	2.682
1	Apparent	2.743
1	Absorption (%)	0.8

25 Cycle 3% Brine Freeze Thaw	
Loss #1 (%)	4.5

Max Loss ≤ 20% on #2 stone.
*Max Loss ≤ 25% on #1 Stone.**

In accordance with Materials Method 29, only aggregate sources with a current and accepted biennial test and Geologic Source Report will appear on the NYSDOT Approved List
*For detailed specifications, see https://www.dot.ny.gov/main/business-center/engineering/specifications

NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

Source
9-37R
Callanan Industries Inc.
Bridgeville, NY

Sample/Test
Sample Date: 05/06/2024
Test No.: 24AR027
LRN: SM24013376
Smpl ID: mhiggins2456134935

**** Privileged and Confidential ****

Petrographic Results*	
Stone Size No.	1
Noncarbonate (%)	100.0
Deleterious Material	Within Limit

Rock Type Description	%
Graywacke	88.6
Shale (deleterious)	2.1
Shale (red, deleterious)	0.7
Siltstone	4.4
Graywacke (weathered)	4.2

Petrographic Results*	
Stone Size No.	2
Noncarbonate (%)	100.0
Deleterious Material	Within Limit

Rock Type Description	%
Graywacke	88.5
Shale (deleterious)	1.4
Siltstone	2.2
Graywacke (iron-stained)	6.3
Graywacke (weathered)	1.6

Source Confirmation	
Stone Size No.	1
Source Confirmation	Matches Reference
Stone Size No.	2
Source Confirmation	Matches Reference

In accordance with Materials Method 29, only aggregate sources with a current and accepted biennial test and Geologic Source Report will appear on the NYSDOT Approved List
*For detailed specifications, see https://www.dot.ny.gov/main/business-center/engineering/specifications

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

Plant: Bridgeville Aggregate

Date Created: 04/02/2025

Date Modified: 07/08/2025

Name: Bridgeville blend of nysdot 1 and 2 with ASTM 57 s

Description:

Sieve/Test	Spec	Result	NYSDOT #1 Crushed	NYSDOT #2 Crushed
Bin				
Price		0	0	0
% Product		100	50	50
TPH		0	0	0
% Gate			0	0
1 1/2" (37.5mm)	100-100	100.0	100.0	100.0
1" (25mm)	95-100	98.4	100.0	96.8
3/4" (19mm)		90.4	100.0	80.8
1/2" (12.5mm)	25-60	56.2	94.5	17.9
3/8" (9.5mm)		27.2	48.2	6.1
1/4" (6.3mm)		4.6	4.9	4.2
#4 (4.75mm)	0-10	3.0	2.1	3.8
1/8" (3.17mm)		2.5	1.7	3.3
#8 (2.36mm)	0-5	2.3	1.6	3.0

Outlook

RE: [EXT] #1 & #2 Crushed Stone Submittal

From Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Date Tue 7/8/2025 2:58 PM
To Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Cc George Mathews <gmathews@triumphconstructionny.com>

1 attachment (324 KB)
7-8-2025 triumph WPB ASTM57 Bridgeville.pdf;

Jairo, please see the attached updated submittal. Please note that our Biennial Certification has been updated as of July of last year. Also as for your question on the Fine Stone Fill material, this is still produced in the same manner. It usually runs a 2-5" crushed stone.

As far as the mining permit, we still continue to operate under the same permit number as previously supplied, as per NYSDEC's certification. Our Biennial is proof that the state still recognizes our source approval 9-37R.

It was good talking to you as always and please feel free to reach out if you have any questions or should need anything else.

Best regards,

Matt Swendsen
Sales Representative, Bridgeville-Maybrook

Callanan Industries, Inc.
A CRH COMPANY
PO BOX 15097
Albany, NY 12212-5097

T +1 (845) 794-7744 Ext. 72359
C +1 (518) 573-2562
E matthew.swendsen@callanan.com

www.callanan.com

From: Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Sent: Tuesday, July 8, 2025 10:04 AM
To: Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Cc: George Mathews <gmathews@triumphconstructionny.com>
Subject: Re: [EXT] #1 & #2 Crushed Stone Submittal

From:	Swendsen, Matthew (Callanan Industries)
To:	Jairo Galarza-Granda
Subject:	FW: [EXT] RE: Bridgeville Permit For Customer Needs
Date:	Tuesday, December 5, 2023 11:40:16 AM
Attachments:	image001.png

Jairo, We were able to get an email response back from Ryan at the DEC, hopefully this should be sufficient. Let me know if you need anything else.

Thank you,

Matt Swendsen
Sales Representative, Bridgeville-Maybrook

Callanan Industries, Inc.
A CRH COMPANY
PO BOX 15097
Albany, NY 12212-5097

T +1 (845) 794-7744 Ext. 72359
C +1 (518) 573-2562
E matthew.swendsen@callanan.com

www.callanan.com

From: LaDuke, Ryan M (DEC) <Ryan.Laduke@dec.ny.gov>
Sent: Tuesday, December 5, 2023 10:46 AM
To: Onuskanych, Evan (Callanan Industries) <evan.onuskanych@callanan.com>
Cc: Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Subject: [EXT] RE: Bridgeville Permit For Customer Needs

You don't often get email from ryan.laduke@dec.ny.gov. Learn why this is important

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you are expecting this email and know the contents are safe. If you believe this email may be phishing or malicious, please use the Report Phish button.

Hey Evan,

Callanan Industries, Inc.'s Bridgeville Quarry (Mined ID 30005, Facility ID 3-4846-00007) is permitted to operate under the previously issued MLR permit (2009) via the State Administrative Procedures Act (SAPA), while DEC processes the pending permit renewal application.

Regards,

Ryan LaDuke
Regional Mined Land Reclamation Specialist, Region 3 Division of Mineral Resources

New York State Department of Environmental Conservation
21 South Putt Corners Road, New Paltz, NY 12561
P: (845) 256-3826 | F: (845) 255-4659 | ryan.laduke@dec.ny.gov
www.dec.ny.gov |



ATTENTION: Ce courriel vient de l'exterieur de l'entreprise. Ne cliquez pas sur les liens, et n'ouvrez pas les pièces jointes, à moins que vous ne connaissiez l'expéditeur du courriel et savez que le contenu est sécuritaire. Si vous pensez qu'il s'agit d'un courriel d'hameçonnage ou malveillant, veuillez cliquer sur le bouton Signaler une tentative d'hameçonnage.

SPECIAL CONDITIONS

For Article 23 (Mined Land Reclamation)

B. Calcium chloride must not be stored outdoors without an impermeable cover. Storage must be on an impermeable surface such as paved asphalt or appropriately treated concrete of sufficient thickness to avoid exfiltration.

C. Calcium chloride should not be applied when the U.S. Weather Service forecasts a likelihood of precipitation within the next 36 hours.

D. For maximum effectiveness of the application and to minimize further runoff impacts:

If calcium chloride is applied dry or if, during dry periods, crystals are seen on the road surface, the road should be wetted sufficiently to dissolve the calcium chloride. Wetting should be limited to an amount which will sufficiently cause the calcium chloride to penetrate the road, but not to the point of causing any runoff from the road surface.

8. The permittee shall maintain the existing stormwater management system in good order with no alterations made without first submitting a modification request to the Department.

9. The permittee shall submit a written annual report to the Region 3 Mined Land Reclamation Specialist during the month of December for each year of the permit term. The annual report must identify the number of acres mined and the number of acres reclaimed during the report year. Operational problems, complaints and the overall status of the project should be included in the report.

10. Reclamation shall be undertaken sequentially as the mining area expands. Such reclamation shall conform with the standards contained in the regulations (6NYCRR Parts 420-425) which govern the Mined Land Reclamation program.

11. The standard for approvable reclamation in all mined areas shall be as specified in 6 NYCRR Part 422.3.

STATE ENVIRONMENTAL QUALITY REVIEW

Under the State Environmental Quality Review Act (SEQR), the Department has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

Distribution:
R. Martin
Town of Thompson Supervisor (Certified Mail #7002 2410 0005 5639 8136)
Spectra Env. Group

DEC PERMIT NUMBER		
3-4846-00007/00003		
FACILITY ID NUMBER	PROGRAM NUMBER	Page 4 of 4
MLR #3053-31-0005		

Let me know if you need anything else.

Thank you,

Matt Swendsen

MINE PLAN MAP AND OPERATIONS UPDATE

CALLANAN INDUSTRIES, INC. - BRIDGEVILLE QUARRY. THOMPSON, NEW YORK

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
PERMIT # 3-4846-00007/00003
MLF # 3053-31-0005
MINE ID # 30005

Prepared for:
Callanan Industries, Inc.
P.O. Box 15097
Albany, New York 12212-5097

Prepared by:
JMT of New York, Inc.
19 British American Boulevard
Latham, New York 12110

Submitted: August 2022

Project No. 21-00211-001

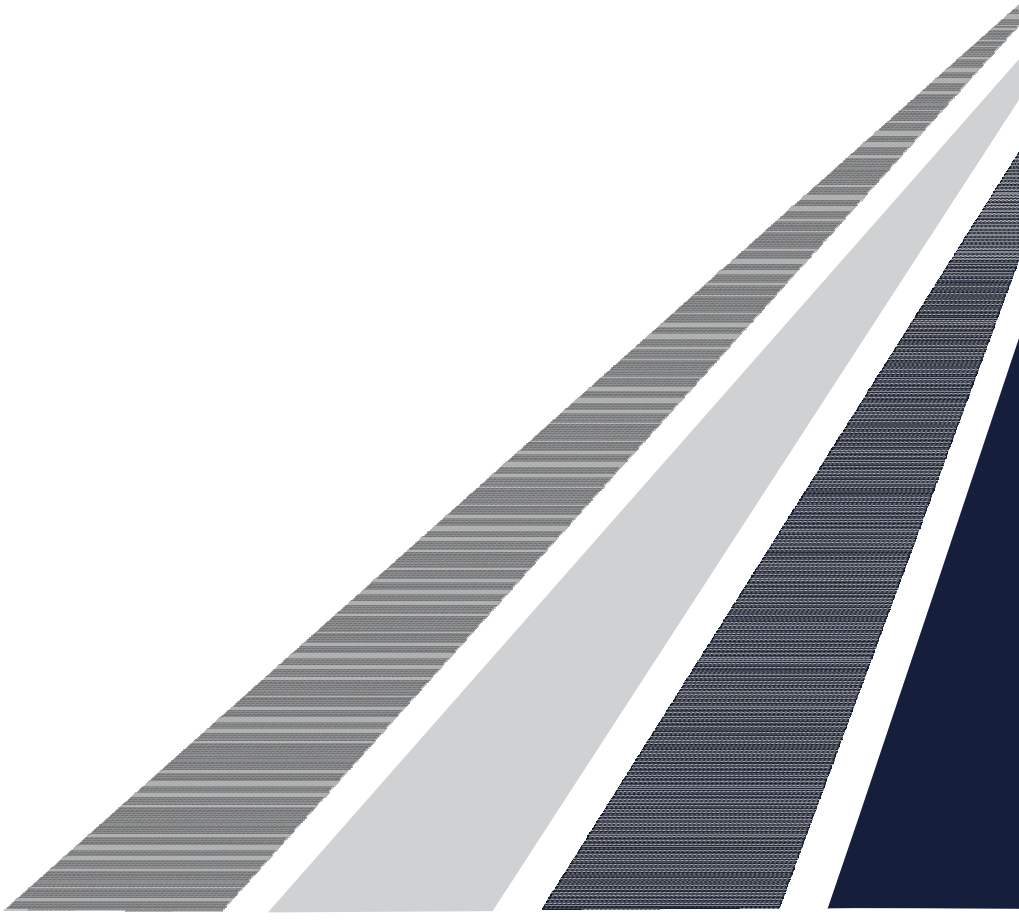


TABLE OF CONTENTS

1.0 INTRODUCTION.....1

2.0 MINING PLAN.....1

2.1 MAPPING UPDATES 1

2.2 CONTINUED MINE PHASING.....1

3.0 RECLAMATION PLAN.....1

SHEETS

MINE PLAN MAP 1 OF 2
MINE PLAN MAP 2 OF 2

1.0 INTRODUCTION

This report constitutes an update for Mined Land Reclamation Permit (#3-4846-00007/00003) for the Callanan Industries, Inc. – Bridgeville Quarry (MLF #3005), located in the town of Thompson, Sullivan County, New York. This submittal reflects current operations as of August 2022, inclusive of any updates since the previous Application for Renewal of Mining Permit submittal of April 19, 2016.

2.0 MINING PLAN

Callanan plans to continue operations at Bridgeville Quarry consistent with the previously approved Mining Plans. Like all mining sites, product demand controls the quantity of materials mined in a given season. Callanan plans to operate Bridgeville Quarry as the demand for construction materials dictate. There will be no additional affected acreage during the current permit term. Methods of operation will remain consistent with the previously approved mining plan.

2.1 MAPPING UPDATES

During April 2006 Callanan had an aerial photogrammetric survey of the site completed. Additionally, mine face configurations are regularly updated with conventional survey methods, the most recent of which was completed on August 12, 2022. The attached Mine Plan Map includes the most up-to-date photogrammetric and conventionally surveyed topographic data, site infrastructure and equipment, and affected area boundary representations. As a result of the mapping updates, the Mine Plan Map represents a more accurate depiction of the mine site than previous submissions, with site acreages revised accordingly.

2.2 CONTINUED MINE PHASING

For the current permit term, Callanan plans to utilize methods consistent with current mining practices excavate material located in the western portion of the currently permitted area and in the southern end of the quarry. The overburden storage berm located along the river will remain in place as mining advances, to minimize noise and visual impacts.

3.0 RECLAMATION PLAN

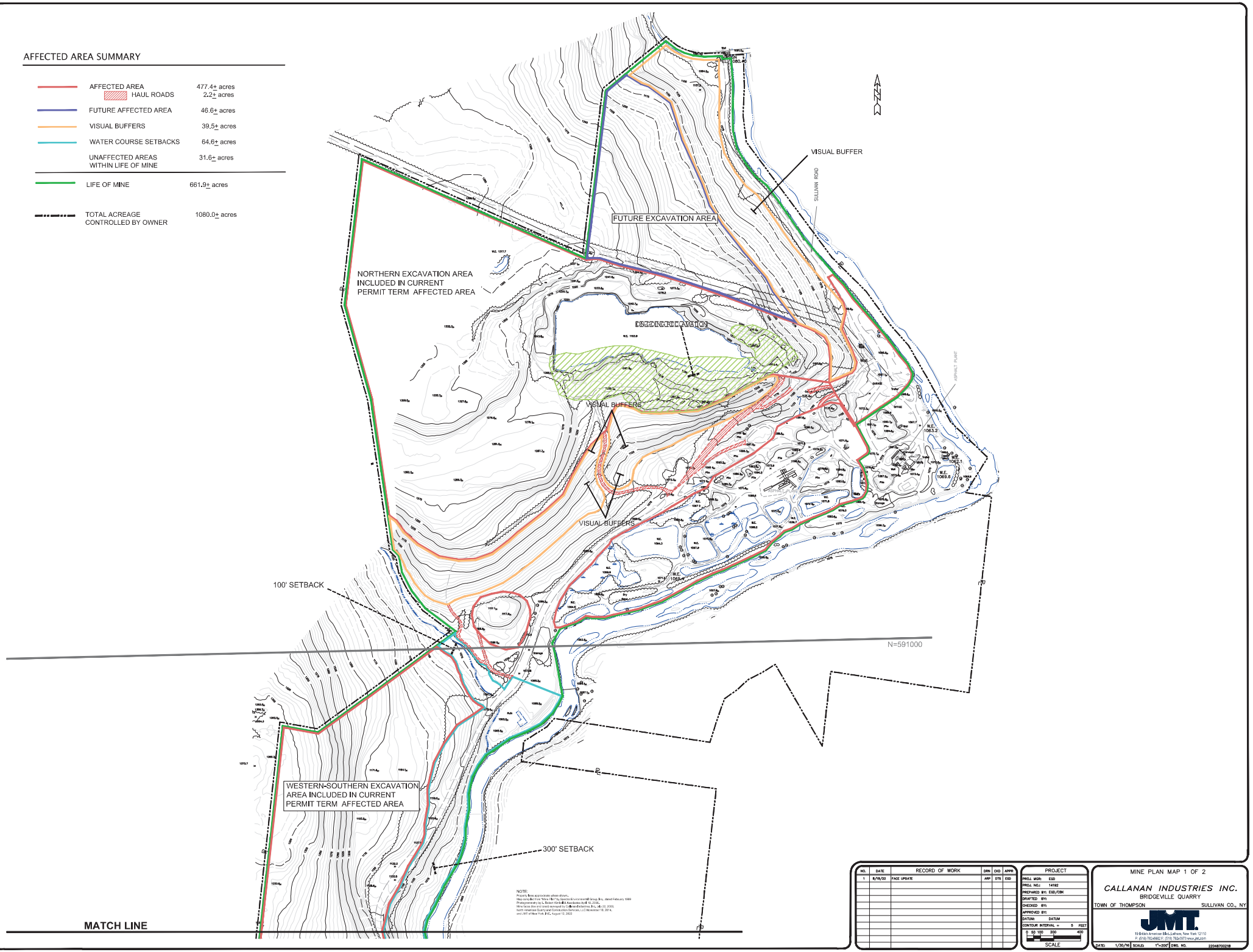
To the extent practicable, Callanan practices concurrent reclamation at the Bridgeville Mine Site. Efforts to reclaim areas that have reached final grade will continue. Additionally, the portion of

the mine site labeled “Eastern Excavation Area” on the attached Mine Plan Map, which totals approximately 40.85 acres, is undergoing reclamation and pending NYSDEC approval.

SHEETS

AFFECTED AREA SUMMARY

AFFECTED AREA		477.4± acres
	HAUL ROADS	2.2± acres
FUTURE AFFECTED AREA		46.6± acres
VISUAL BUFFERS		39.5± acres
WATER COURSE SETBACKS		64.6± acres
UNAFFECTED AREAS WITHIN LIFE OF MINE		31.6± acres
LIFE OF MINE		661.9± acres
TOTAL ACREAGE CONTROLLED BY OWNER		1080.0± acres



NOTE:
Property lines approximate where shown.
Map compiled from "Area Plan" by Questa Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 16, 2020.
Mine faces (toe and crest) surveyed by Callanan Industries, Inc., July 20, 2020.
Mine faces (toe and crest) surveyed by Callanan Industries, LLC November 10, 2014.
and JMT of New York, PLLC August 12, 2022.

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/18/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/DBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 1 OF 2

CALLANAN INDUSTRIES INC.

BRIDGEVILLE QUARRY

TOWN OF THOMPSON SULLIVAN CO., NY

JMT
19 British American Blvd, Latham, New York 12110
P: (518) 783-4800 F: (518) 785-3173 www.jmt.com

DATE: 1/30/18 SCALE: 1"=200' DWG. NO. 220487002IB



NOTE:
Property lines approximate where shown.
Map compiled from Yahoo Maps by Stearns Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 16, 2006.
Mine faces (top and crest) surveyed by Callanan Industries, Inc., July 22, 2009.
North American Quarry and Construction Services, LLC November 15, 2014.
and JMT of New York, PC, August 12, 2022

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/16/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/CBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 2 OF 2

CALLANAN INDUSTRIES INC.
BRIDGEVILLE QUARRY
TOWN OF THOMPSON SULLIVAN CO., NY

JMT
19 British American Blvd, Latham, New York 12110
P: (518) 785-0832 F: (518) 785-0927 | www.jmt.com

DATE: 1/30/18 SCALE: 1"=200' DWG. NO. 220483002IB

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Search Parameters:[Go Back]

- Permittee Name like callanan AND
- Mine Name like bridgeville

Export XLS | Export CSV | Export KML

Record Count: 1 Rows: 1 to 1

Mine ID	Permittee Name	Mine Name	First Name	Last Name	Address 1	Address 2	City	State	Zip 1	Zip 2	Phone	Status	Mine Location	County	Town	Current Permit Acres	Acres Life of Mine	Acres Reclaimed	Commodity	Last Permit Expires	First Permit Date	Last Permit Issued	Last Inspection Date	General Inspections	Latitude	Longitude	Reclamation Type	Reclamation Inspections	Financial Security	Regulatory Acreage Range	Underground Acres	Last Modified Date
30005	Callanan Industries Inc	Bridgeville	Daniel	Broomhall	PO Box 15097		Albany	NY	12212	5097	(518) 374-2222	Permitted	Sullivan Rd. South Of Nys Rte 17 View Map	Sullivan	Thompson	480.00	662.00	0.00	Sandstone	09/17/2009	04/12/1978	07/01/2009	05/07/2024	Inspection Record	41.62739	74.6168	Meadow / Grass Land		$3,548,893.00	> 30 acres	No	11/10/2014

Record Count: 1 Rows: 1 to 1

Export XLS | Export CSV | Export KML

Outlook

RE: Willets (C241146E) - Material Import Request - ASTM #57 Stone

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Mon 7/21/2025 1:08 PM
To PJ Dinardo <pdinardo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>

PJ,
The Department has reviewed the request dated July 18, 2025 to import approximately 4,000 cubic yards of crushed stone from Callanan Industries Inc – Bridgeville Quarry (Permit No. 30005) located at Sullivan Road South of NYS Route 17 in New York. The material will be used for the platform fill and R-Tank, drainage, and SWPPP measures above the groundwater table. Based on the information provided, the request is hereby approved.
The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, the material may be used above or below the demarcation layer.
Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions please contact me.

Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/wendizhengdecnygov

---

From: PJ Dinardo <pdinardo@langan.com>
Sent: Friday, July 18, 2025 1:11 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>
Subject: Willets (C241146E) - Material Import Request - ASTM #57 Stone

You don't often get email from pdinardo@langan.com. Learn why this is important

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

Please see the import request package linked below for 4,000 cubic yards of ASTM #57 stone from Callanan Industries, Inc. – Bridgeville Quarry (Permit No. 3-4846-00007/00003) located at Sullivan Road South of NYS Route 17 in New York. The contractor plans to use this material for platform fill and R-Tank, drainage, and SWPPP measures at the Willets Point Development Triangle Parcel Open Space

BCP Site (C241146E). Please let us know if you take exception to the import and placement of the described material.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=392086334

Name	Type	Size
Request to Import_Callanan - Bridgeville_ASTM #57 Stone_07.18.2025	.pdf	9.00 MB

Thanks,

PJ DiNardo
Senior Staff Engineer

LANGAN

Direct: 917.594.1565
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
368 Ninth Avenue
8th Floor
New York, NY 10001-2727
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

Willets Point Development
Triangle Parcel Open Space

38-27 126th STREET
QUEENS, NEW YORK 11368

Langan No. 170197645
BCP Site No. C241146E

IMPORT MATERIAL PACKAGE

Material Type	Fine Stone Fill (2 to 5-inch Crushed Stone)
Source Facility	Callanan Industries, Inc. Bridgeville Quarry Sullivan Road South of NYS Route 17 Thompson, New York

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 800-1000

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

The material meets the requirements of DER-10 5.4(e)5. No testing is required.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

NA

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Callanan Industries, Inc. - Bridgeville Quarry

Location where fill was obtained:

Sullivan Road south of NYS Route 17

Identification of any state or local approvals as a fill source:

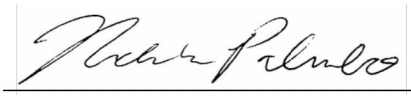
NYSDEC Mined Land Reclamation Permit No. 3-4846-00007/00003

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Sieve Analysis
NYSDEC Correspondence Re: Mine Permit Status
Mine Plan Map and Operations Update
NYS Mined Land Reclamation Database Listing

The information provided on this form is accurate and complete.



Signature

July 18, 2025

Date

Nicholas Palumbo

Print Name

Langan Engineering

Firm

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

Quality Test Report

Plant 001_00170-Bridgeville Aggregate
Product Fine Stone Fill-FSF
Specification

892718970

Sample Information

Sample No 892718970
Date Sampled 01/18/2024 07:37
Sampled By Patrick Chamberlain
Type Stockpile
Method Loader Bucket
Weather Snow
Temp 10

Split Sample ☐
Resample ☐

Test Note
Commercial Surge Stockpile

Gradation Results

Date Completed 01/18/2024 07:37
Tested By Patrick Chamberlain

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		38193.70				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
6" (150mm)	0.00	0.00	0.0	0.0	100.0			
5" (125mm)	0.00	0.00	0.0	0.0	100.0			
4" (100mm)	6824.60	6824.60	17.9	17.9	82.1			
3" (75mm)	26863.30	33687.90	70.3	88.2	11.8			
2 1/2" (63mm)	2402.80	36090.70	6.3	94.5	5.5			
2" (50mm)	1935.60	38026.30	5.1	99.6	0.4			
1 1/2" (37.5mm)	0.00	38026.30	0.0	99.6	0.4			
1" (25mm)	0.00	38026.30	0.0	99.6	0.4			
#10 (2mm)	109.10	38135.41	0.3	99.8	0.2			
Pan	58.30	38193.71	0.15	100.00	0.00			

Other Test Results

Test Name	Date	Result	Unit	Target	Specification	Comment
	Procedure	Lab			Tested By	
Grad Loss	01/18/2024 07:37	0.000	%			
		Bridgeville Aggregate			Patrick Chamberlain	

SPECIAL CONDITIONS

For Article 23 (Mined Land Reclamation)

B. Calcium chloride must not be stored outdoors without an impermeable cover. Storage must be on an impermeable surface such as paved asphalt or appropriately treated concrete of sufficient thickness to avoid exfiltration.

C. Calcium chloride should not be applied when the U.S. Weather Service forecasts a likelihood of precipitation within the next 36 hours.

D. For maximum effectiveness of the application and to minimize further runoff impacts:

If calcium chloride is applied dry or if, during dry periods, crystals are seen on the road surface, the road should be wetted sufficiently to dissolve the calcium chloride. Wetting should be limited to an amount which will sufficiently cause the calcium chloride to penetrate the road, but not to the point of causing any runoff from the road surface.

8. The permittee shall maintain the existing stormwater management system in good order with no alterations made without first submitting a modification request to the Department.

9. The permittee shall submit a written annual report to the Region 3 Mined Land Reclamation Specialist during the month of December for each year of the permit term. The annual report must identify the number of acres mined and the number of acres reclaimed during the report year. Operational problems, complaints and the overall status of the project should be included in the report.

10. Reclamation shall be undertaken sequentially as the mining area expands. Such reclamation shall conform with the standards contained in the regulations (6NYCRR Parts 420-425) which govern the Mined Land Reclamation program.

11. The standard for approvable reclamation in all mined areas shall be as specified in 6 NYCRR Part 422.3.

STATE ENVIRONMENTAL QUALITY REVIEW

Under the State Environmental Quality Review Act (SEQR), the Department has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

Distribution:
R. Martin
Town of Thompson Supervisor (Certified Mail #7002 2410 0005 5639 8136)
Spectra Env. Group

DEC PERMIT NUMBER		
3-4846-00007/00003		
FACILITY ID NUMBER	PROGRAM NUMBER	Page 4 of 4
MLR #3053-31-0005		

Let me know if you need anything else.

Thank you,

Matt Swendsen

Outlook

RE: [EXT] #1 & #2 Crushed Stone Submittal

From Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Date Tue 7/8/2025 2:58 PM
To Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Cc George Mathews <gmathews@triumphconstructionny.com>

1 attachment (324 KB)
7-8-2025 triumph WPB ASTM57 Bridgeville.pdf;

Jairo, please see the attached updated submittal. Please note that our Biennial Certification has been updated as of July of last year. Also as for your question on the Fine Stone Fill material, this is still produced in the same manner. It usually runs a 2-5" crushed stone.

As far as the mining permit, we still continue to operate under the same permit number as previously supplied, as per NYSDEC's certification. Our Biennial is proof that the state still recognizes our source approval 9-37R.

It was good talking to you as always and please feel free to reach out if you have any questions or should need anything else.

Best regards,

Matt Swendsen
Sales Representative, Bridgeville-Maybrook

Callanan Industries, Inc.
A CRH COMPANY
PO BOX 15097
Albany, NY 12212-5097

T +1 (845) 794-7744 Ext. 72359
C **+1 (518) 573-2562**
E matthew.swendsen@callanan.com

www.callanan.com

From: Jairo Galarza-Granda <jgalarza@triumphconstructionny.com>
Sent: Tuesday, July 8, 2025 10:04 AM
To: Swendsen, Matthew (Callanan Industries) <matthew.swendsen@callanan.com>
Cc: George Mathews <gmathews@triumphconstructionny.com>
Subject: Re: [EXT] #1 & #2 Crushed Stone Submittal

MINE PLAN MAP AND OPERATIONS UPDATE

CALLANAN INDUSTRIES, INC. - BRIDGEVILLE QUARRY. THOMPSON, NEW YORK

NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
PERMIT # 3-4846-00007/00003
MLF # 3053-31-0005
MINE ID # 30005

Prepared for:
Callanan Industries, Inc.
P.O. Box 15097
Albany, New York 12212-5097

Prepared by:
JMT of New York, Inc.
19 British American Boulevard
Latham, New York 12110

Submitted: August 2022

Project No. 21-00211-001

TABLE OF CONTENTS

1.0 INTRODUCTION.....1

2.0 MINING PLAN.....1

2.1 MAPPING UPDATES 1

2.2 CONTINUED MINE PHASING.....1

3.0 RECLAMATION PLAN.....1

SHEETS

MINE PLAN MAP 1 OF 2
MINE PLAN MAP 2 OF 2

1.0 INTRODUCTION

This report constitutes an update for Mined Land Reclamation Permit (#3-4846-00007/00003) for the Callanan Industries, Inc. – Bridgeville Quarry (MLF #3005), located in the town of Thompson, Sullivan County, New York. This submittal reflects current operations as of August 2022, inclusive of any updates since the previous Application for Renewal of Mining Permit submittal of April 19, 2016.

2.0 MINING PLAN

Callanan plans to continue operations at Bridgeville Quarry consistent with the previously approved Mining Plans. Like all mining sites, product demand controls the quantity of materials mined in a given season. Callanan plans to operate Bridgeville Quarry as the demand for construction materials dictate. There will be no additional affected acreage during the current permit term. Methods of operation will remain consistent with the previously approved mining plan.

2.1 MAPPING UPDATES

During April 2006 Callanan had an aerial photogrammetric survey of the site completed. Additionally, mine face configurations are regularly updated with conventional survey methods, the most recent of which was completed on August 12, 2022. The attached Mine Plan Map includes the most up-to-date photogrammetric and conventionally surveyed topographic data, site infrastructure and equipment, and affected area boundary representations. As a result of the mapping updates, the Mine Plan Map represents a more accurate depiction of the mine site than previous submissions, with site acreages revised accordingly.

2.2 CONTINUED MINE PHASING

For the current permit term, Callanan plans to utilize methods consistent with current mining practices excavate material located in the western portion of the currently permitted area and in the southern end of the quarry. The overburden storage berm located along the river will remain in place as mining advances, to minimize noise and visual impacts.

3.0 RECLAMATION PLAN

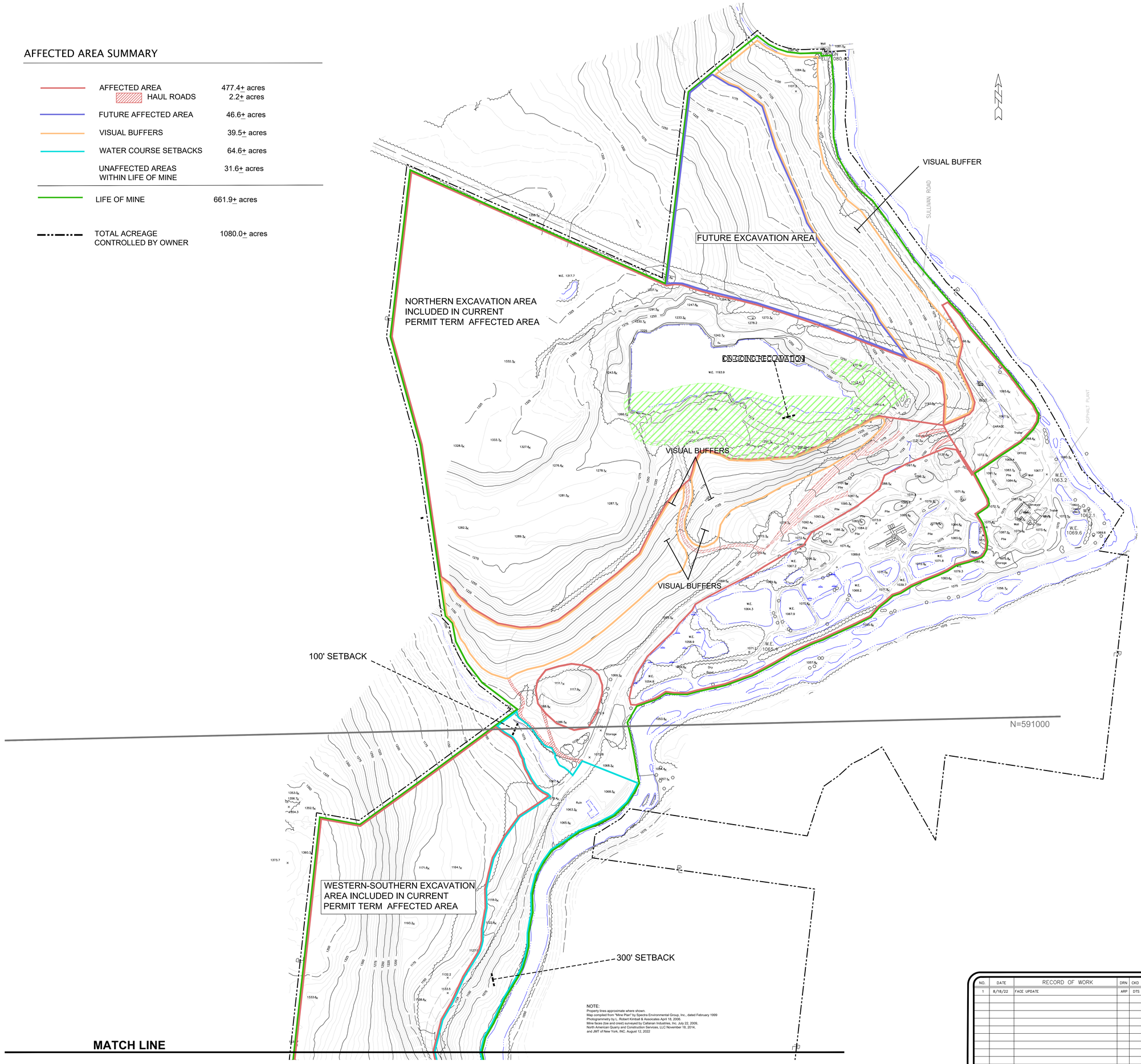
To the extent practicable, Callanan practices concurrent reclamation at the Bridgeville Mine Site. Efforts to reclaim areas that have reached final grade will continue. Additionally, the portion of

the mine site labeled “Eastern Excavation Area” on the attached Mine Plan Map, which totals approximately 40.85 acres, is undergoing reclamation and pending NYSDEC approval.

SHEETS

AFFECTED AREA SUMMARY

	AFFECTED AREA	477.4± acres
	HAUL ROADS	2.2± acres
	FUTURE AFFECTED AREA	46.6± acres
	VISUAL BUFFERS	39.5± acres
	WATER COURSE SETBACKS	64.6± acres
	UNAFFECTED AREAS WITHIN LIFE OF MINE	31.6± acres
	LIFE OF MINE	661.9± acres
	TOTAL ACREAGE CONTROLLED BY OWNER	1080.0± acres



NOTE:
Property lines approximate where shown.
Map compiled from "Mine Plan" by Spectra Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 18, 2006.
Mine faces (toe and crest) surveyed by Callanan Industries, Inc. July 22, 2009,
North American Quarry and Construction Services, LLC November 18, 2014,
and JMT of New York, INC. August 12, 2022

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/18/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/CBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 1 OF 2

CALLANAN INDUSTRIES INC.

BRIDGEVILLE QUARRY

TOWN OF THOMPSON SULLIVAN CO., NY

19 British American Blvd.,Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 1/30/16 | SCALE: 1"=200' | DWG. NO. 220487002IB

MATCH LINE

UPDATED "DRY PROCESS" AGGREGATE PLANT

EASTERN EXCAVATION AREA
RECLAIMED PENDING NYSDEC APPROVAL

OVERBURDEN STORAGE AREAS

100' SETBACK

WESTERN-SOUTHERN EXCAVATION AREA
INCLUDED IN CURRENT PERMIT TERM
AFFECTED AREA

100' SETBACK

300' SETBACK

FUTURE EXCAVATION AREA

AFFECTED AREA SUMMARY

AFFECTED AREA		477.4± acres
	HAUL ROADS	2.2± acres
FUTURE AFFECTED AREA		46.6± acres
VISUAL BUFFERS		39.5± acres
WATER COURSE SETBACKS		64.6± acres
UNAFFECTED AREAS WITHIN LIFE OF MINE		31.6± acres
LIFE OF MINE		661.9± acres
TOTAL ACREAGE CONTROLLED BY OWNER		1080.0± acres

NOTE:
Property lines approximate where shown.
Map compiled from "Nine Plan" by Spectra Environmental Group, Inc., dated February 1999
Photogrammetry by L. Robert Kimball & Associates April 18, 2006.
Mine faces (toe and crest) surveyed by Callanan Industries, Inc. July 22, 2009,
North American Quarry and Construction Services, LLC November 18, 2014,
and JMT of New York, INC. August 12, 2022

NO.	DATE	RECORD OF WORK	DRN	CKD	APPR
1	8/18/22	FACE UPDATE	ARP	DTS	EGD

PROJECT	
PROJ. MGR:	EGD
PROJ. NO.:	14192
PREPARED BY:	EGD/CBK
DRAFTED BY:	
CHECKED BY:	
APPROVED BY:	
DATUM:	DATUM
CONTOUR INTERVAL =	5 FEET

0 50 100 200 400
SCALE

MINE PLAN MAP 2 OF 2

CALLANAN INDUSTRIES INC.
BRIDGEVILLE QUARRY
TOWN OF THOMPSON SULLIVAN CO., NY

19 British American Blvd, Latham, New York 12110
P: (518) 782-0882 F: (518) 782-0973 www.jmt.com

DATE: 1/30/16 | SCALE: 1"=200' | DWG. NO. 2204870021B

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Search Parameters:[Go Back]

- Permittee Name like callanan AND
- Mine Name like bridgeville

Export XLS Export CSV Export KML

Record Count: 1 Rows: 1 to 1

Mine ID	Permittee Name	Mine Name	First Name	Last Name	Address 1	Address 2	City	State	Zip 1	Zip 2	Phone	Status	Mine Location	County	Town	Current Permit Acres	Acres Life of Mine	Acres Reclaimed	Commodity	Last Permit Expires	First Permit Date	Last Permit Issued	Last Inspection Date	General Inspections	Latitude	Longitude	Reclamation Type	Reclamation Inspections	Financial Security	Regulatory Acreage Range	Underground Acres	Last Modified Date
30005	Callanan Industries Inc	Bridgeville	Daniel	Broomhall	PO Box 15097		Albany	NY	12212	5097	(518) 374-2222	Permitted	Sullivan Rd. South Of Nys Rte 17 View Map	Sullivan	Thompson	480.00	662.00	0.00	Sandstone	09/17/2009	04/12/1978	07/01/2009	05/07/2024	Inspection Record	41.62739	74.6168	Meadow / Grass Land		$3,548,893.00	> 30 acres	No	11/10/2014

Record Count: 1 Rows: 1 to 1

Export XLS Export CSV Export KML

Outlook

RE: Willets (C241146E) - Material Import Request - 2 to 5-inch Stone

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Mon 7/21/2025 9:55 AM
To PJ Dinardo <pdinardo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>

PJ,
The Department has reviewed the request dated July 18, 2025 to import approximately 1,000 cubic yards of 2-5" stone from Callanan Industries Inc – Bridgeville Quarry (Permit No. 30005) located at Sullivan Road South of NYS Route 17 in New York. The material will be used for the construction entrances above the groundwater table. Based on the information provided, the request is hereby approved.
The proposed fill material meets the requirements for material other than soil (i.e., gravel, rock, stone, recycled concrete or recycled brick) as specified in section 5.4(e)5 of DER-10. Therefore, the material may be used above or below the demarcation layer.
Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions please contact me.
Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/wendizhengdecnygov

---

From: PJ Dinardo <pdinardo@langan.com>
Sent: Friday, July 18, 2025 1:48 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; Nicholas Palumbo <npalumbo@langan.com>
Subject: Willets (C241146E) - Material Import Request - 2 to 5-inch Stone

You don't often get email from pdinardo@langan.com. Learn why this is important

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

Please see the import request package linked below for 1,000 cubic yards of 2-5" stone from Callanan Industries, Inc. – Bridgeville Quarry (Permit No. 3-4846-00007/00003) located at Sullivan Road South of NYS Route 17 in New York. The contractor plans to use this material for construction entrances at the Willets Point Development Triangle Parcel Open Space BCP Site (C241146E). Please let us know if you take exception to the import and placement of the described material.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=1017933152

Name	Type	Size
Request to Import_Callanan Bridgeville_Fine Stone Fill_07.18.2025	.pdf	5.46 MB

Thanks,

PJ DiNardo
Senior Staff Engineer

LANGAN

Direct: 917.594.1565
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
368 Ninth Avenue
8th Floor
New York, NY 10001-2727
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

Willets Point Development Triangle Parcel
Phase 2 Infrastructure – Fill & Utilities

126th STREET/WILLETS POINT BOULEVARD
QUEENS, NEW YORK

Langan No. 170197645
BCP Site No. C241146E

IMPORT MATERIAL PACKAGE

Material Type Clean Fill

Source Facility Earth Tech Recycling Inc.
495 Wood Street
Oceanside, New York

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 10,000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Sampling events were conducted by Taylord Environment, Inc. (TE) on May 19, July 17, and August 4, 2025.

11 five-point composite samples were collected and analyzed for SVOCs, metals, pesticides, herbicides, PCBs, and PFAS. 25 discrete grab soil samples were collected and analyzed for VOCs and 1,4-dioxane.

A sample location map and photographs of the stockpile are attached.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

The soil sample results were compared to the NYSDEC Part 375 Protection of Groundwater (PGW) and Restricted Use Restricted Residential (RURR) Soil Cleanup Objectives and Guidance Values as established in the NYSDEC Guidelines for Sampling, Analysis and Assessment of PFAS (April 2023).

No analytes were detected at concentrations exceeding the PGW or RURR SCOs or Guidance Values.

Data comparison tables and laboratory analytical results are attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Scott Taylor, PG

Location where fill was obtained:

Earth Tech Recycling Inc. - 495 Wood Street, Oceanside, New York

Identification of any state or local approvals as a fill source:

NYSDEC Registration # 30C60155

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Source Facility Letter 2025.07.29 (Describing facility and first round of sampling)
Source Facility Letter 2025.08.05 (Second round of sampling for PFAS)
Sieve Analysis
Appendix A - NYSDEC Registration
Appendix B - Figures
Appendix C - Soil Analytical Results Tables
Appendix D - Photographs
Appendix E - Gradation and Proctor
Appendix F - Laboratory Analytical Reports

The information provided on this form is accurate and complete.

	2025-09-05
Signature	Date
Nicholas Palumbo	
Print Name	
Langan Engineering	
Firm	

July 29, 2025

George Mathews
Triumph Construction
1354 Seneca Ave.
Bronx, New York

Re: Soil Sampling Summary
Earth Tech Recycling
495 Wood Street
Oceanside, New York
NYSDEC Registration # 30C60155

Earth Tech Recycling Inc. (Earth Tech) is a New York State Department of Environmental Conservation (NYSDEC) Registered Facility (Registration #30C60155), located at 495 Wood Street Oceanside, Nassau County, New York. The Earth Tech Registration allows the facility to accept and process soil and rock, free of contaminants. Taylord Environment, Inc. (TE) understands that the facility status is active and has no violations. The Registration expires April 14, 2027. Please refer to Appendix A for a copy of the NYSDEC Registration.

On May 19 and July 17, 2025, (TE) collected eleven five-point composite (Phoenix Lab# CT32236-CT32238 & CT79192- CT79199) and twenty-five discrete VOC grab soil sample (Phoenix Lab# CT32230-CT32235 & CT79173- CT79191) from the subject facility. The soil sampling event represents approximately 10,000 cubic according to the DER 10 Table 5.4(e)10 minimum sampling frequency. The soil samples were collected in various locations and depths within the bin stockpiles. The soil samples were collected with a stainless-steel shovel, placed into a stainless steel bowl and mixed to create the composite samples. The discrete VOC grab soil samples were collected with a Tera Core Sampler and placed into prepared laboratory glassware. The soil samples were collected into laboratory certified clean glassware, maintained at four degrees Celsius and delivered to Phoenix Environmental Laboratories (NELAC NY#11301), for analysis. Please refer to Appendix B, Sheet 1 for the soil sample locations. TE observed naturally occurring sand soils that exhibited no odors or staining, in all sample locations. The soils sampled in the facility bin stockpiles were generally light brown/tan naturally occurring medium sand loam. Most of the soils observed during this sampling event meet the PART 360.13(f) Table 2 definition of F2 Fill. TE did observe diminemas pieces of concrete and/or asphalt in a small percentage of the soils sampled. The presence of diminemas pieces of human artifact make a small portion of the soils sampled F3 Fill as defined in PART 360.13(f) Table 2. Laboratory analysis of the samples collected during these sampling events showed concentrations of target analytes below the 6NYCRR PART 375-6.8(b) Protection of Groundwater and Restricted Residential Soil Cleanup Objectives (SCO). Please refer to Appendix C for a summary of the laboratory data. Please refer to Appendix D for

photographs of the soils sampled. Please refer to Appendix F for a copy of the laboratory report.

On July 23, 2025, TE collected a representative sample of soils slated for reuse and chemically characterized in this sampling summary. The soil sample was analyzed for gradation and modified proctor, by CATGO Materials Testing, LLC. Please refer to Appendix E for a copy of the laboratory report.

If you have any questions regarding this sampling, please contact Scott Taylor at (914) 419-9740.

Sincerely,



Scott Taylor
Professional Geologist #001088
Taylord Environment, Inc.

August 5, 2025

George Mathews
Triumph Construction
1354 Seneca Ave.
Bronx, New York

Re: PFAs Soil Sampling Summary
Earth Tech Recycling
495 Wood Street
Oceanside, New York
NYSDEC Registration # 30C60155

Earth Tech Recycling Inc. (Earth Tech) is a New York State Department of Environmental Conservation (NYSDEC) Registered Facility (Registration #30C60155), located at 495 Wood Street Oceanside, Nassau County, New York. The Earth Tech Registration allows the facility to accept and process soil and rock, free of contaminants. Taylord Environment, Inc. (TE) understands that the facility status is active and has no violations. The Registration expires April 14, 2027. Please refer to Appendix A for a copy of the NYSDEC Registration.

On August 4, 2025, (TE) collected eleven five-point composite (Phoenix Lab# GCT91268-GCT91279). The soil samples were collected in various locations and depths within the bin stockpiles. The soil samples were collected with a stainless-steel shovel, placed into a stainless steel bowl and mixed to create the composite samples. The soil samples were collected into laboratory certified clean plastic bottles, maintained at four degrees Celsius and delivered to Phoenix Environmental Laboratories (NELAC NY#11301) and York Analytical Laboratories (NELAC NY#12058) , for analysis. Please refer to Appendix B, Sheet 1 for the soil sample locations. TE observed naturally occurring sand soils that exhibited no odors or staining, in all sample locations. The soils sampled in the facility bin stockpiles were generally light brown/tan naturally occurring medium sand loam. Most of the soils observed during this sampling event meet the PART 360.13(f) Table 2 definition of F2 Fill. TE did observe diminemas pieces of concrete and/or asphalt in a small percentage of the soils sampled. The presence of diminemas pieces of human artifact make a small portion of the soils sampled F3 Fill as defined in PART 360.13(f) Table 2.

Earth Tech Recycling is a NYSDEC Registered facility that accepts natural soil and rock only. TE understands that most of the soil and rock that enter the facility are generated by residential sites in Nassau and Suffolk Counties. PFAs are not a contaminant of concern for this recycling facility, based on the inbound origins.

August 5, 2025

TE submitted 11 composite soil samples and one field blank. ET-Comp1 was rushed for a 96 hour turn-around-time (TAT) with laboratory results scheduled for August 11, 2025. ET-Comp3, ET-Comp7, ET-Comp11, and the Field Blank were run at standard TAT (15-20 Business Days). ET-Comp2, ET-Comp4, ET-Comp5, ET-Comp6, ET-Comp8, ET-Comp9, and ET-Comp10 are on-hold from analysis in the laboratory.

TE proposes to petition the NYSDEC for a reduced PFAs sampling frequency. Submission and analysis of 4 Composite soil samples and the field blank for the 10,000 cubic yards.

Please respond with the NYSDEC's reply to the request for sampling reduction.

If you have any questions regarding this sampling, please contact Scott Taylor at (914) 419-9740.

Sincerely,

Scott Taylor
Professional Geologist #001088
Taylord Environment, Inc.

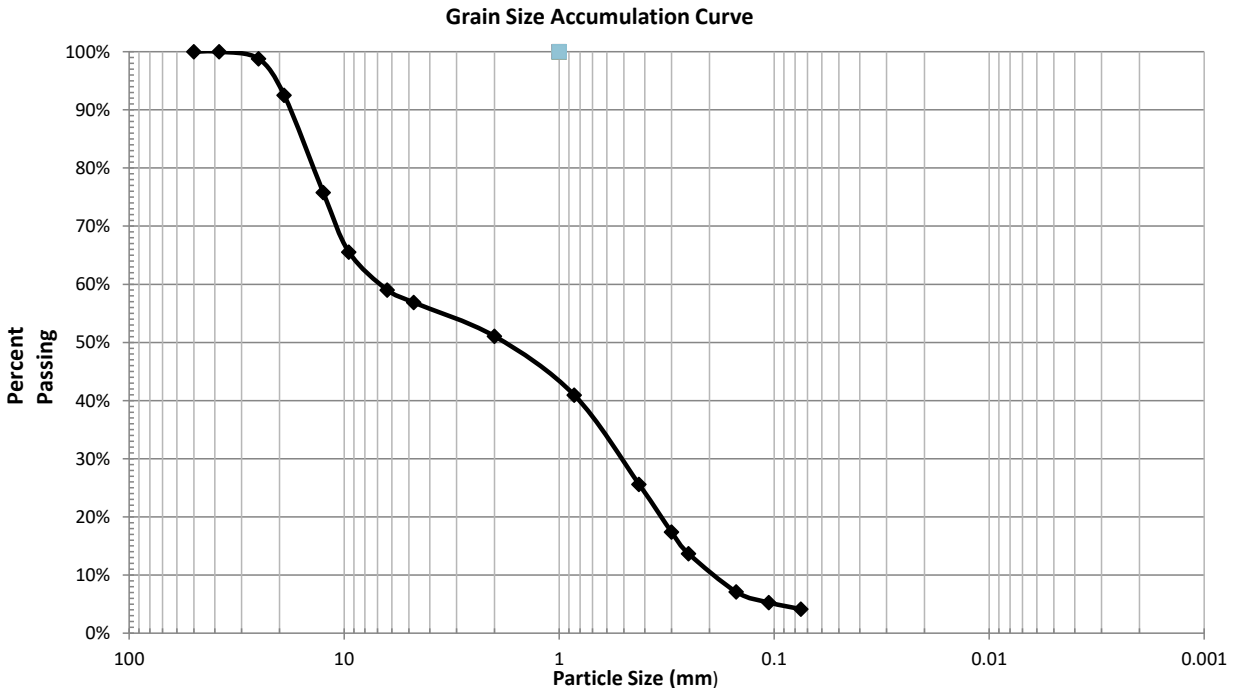
TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	8/5/2025
PROJECT NAME:	Willets Point - Triangle	**TPI PROJECT NO.:**	2500079
PROJECT ADDRESS:	1800 Access Rd Oceanside NY 11572	**CCTL NO. :**	8906
MATERIAL DESCRIPTION:	SOIL	**DATE RECEIVED:**	8/4/2025
		TECHNICIAN:	G. Delos Santos

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.



% Coarse Gravel	7.5%	% Coarse Sand	5.8%	% Fines	4.1%
% Fine Gravel	35.6%	% Medium Sand	25.5%		
		% Fine Sand	21.5%		

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	8/5/2025
PROJECT NAME:	Willets Point - Triangle	**TPI PROJECT NO.:**	2500079
PROJECT ADDRESS:	1800 Access Rd Oceanside NY 11572	**CCTL NO. :**	8906
MATERIAL DESCRIPTION:	SOIL	**DATE RECEIVED:**	8/4/2025
		TECHNICIAN:	G. Delos Santos

PARTICLE SIZE ANALYSIS OF SOILS

ASTM D - 422

The material from the above project, labeled as indicated in the sample ID section above, was analyzed with the following results.

SIEVE ANALYSIS

Sieve Size	Percent Passing	Specification
2 IN	100.0%	100%
1 1/2 IN	100.0%	Not Specified
1 IN	98.8%	
3/4 IN	92.5%	
1/2 IN	75.8%	
3/8 IN	65.6%	
1/4 IN	59.0%	25-60%
No. 4	56.9%	Not SPecified
NO. 10	51.1%	
NO. 20	40.9%	
NO. 40	25.6%	10-40%
NO. 50	17.4%	
NO. 60	13.7%	Not Specified
NO. 100	7.1%	
NO. 140	5.3%	
NO. 200	4.1%	0-10%

Remarks: Material was sampled by the client and icked up by Twin Peaks
Moisture content of sample upon receipt is 8.6%, as determined by test method ASTM D2216
Soil visual classification: SP Poorly graded sand with silt and gravel

All general information listed in this report, location and project where the test specimens were prepared is as provided to us by the Client. All reports are confidential property of the Client, and information contained herein may not be published or reproduced without our written approval.

Results obtained is limited only to the items inspected or tested. This report cannot be reproduced, except in full, without the prior written approval of Twin Peaks.

New York City Qualification No. 3



My P.E. seal must appear in blue ink only
Otherwise this document is null and void

Maxim Korngold, P.E.

8/5/2025
Date

July 29, 2025

Appendix A
NYSDEC Registration

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Region 1
SUNY @ Stony Brook, 50 Circle Road, Stony Brook, NY 11790
P: (631) 444-0375 I F: (631) 444-0231
www.dec.ny.gov

April 15, 2022

Michael A. Cali
Earth Tech Recycling Inc.
P.O. Box 309
West Hempstead, NY 11552

Re: Earth Tech Recycling Inc. - Oceanside
CDDHRF - uncontaminated soil sand gravel rock - registration Registration # 30C60155
CDDHRF - concrete rock brick - registration Registration # 30C10155

Dear Michael A. Cali:

Enclosed is the validated copy of your 6 NYCRR Part 360 registration, which becomes effective on April 15, 2022 and expires on April 14, 2027.

This letter only acknowledges receipt of your registration form and does not, in any way, verify that the information which you provided on the form is true or correct.

You are reminded that 6NYCRR Part 360 contains various requirements that must be followed to warrant your facility's continued status as a registered facility. Enclosed is a list of general requirements for a registered facility described in Section 360.15. Additional requirements of specific registration types may also be enclosed. You are required to keep appropriate records regarding the use of the facility in order to accurately file an annual report as required by Paragraph 360.19(k)(3).

This registration does not exempt or preclude you from complying with any other applicable federal, state, or local laws, rules or regulations. If you have any questions regarding this matter, please contact Benazir Khan, P.E. of my staff at (631) 444-0388.

Sincerely,

Syed H. Rahman, P.E.
Regional Materials Management Engineer

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

DIVISION OF MATERIALS MANAGEMENT

REGISTRATION FOR A SOLID WASTE MANAGEMENT FACILITY

THIS IS NOT A UPA PERMIT

DATE ISSUED: 04/15/2022
DATE EXPIRES: 04/14/2027

1. FACILITY	2. FACILITY OWNER
Earth Tech Recycling Inc. 495 Wood Street Oceanside Nassau (*county*) (516)695-4045	Earth Tech Recycling Inc. P.O. Box 309 West Hempstead NY 11552 (516)695-4045
3. FACILITY OPERATOR	**4. SITE OWNER**
Same as Facility Owner	Clear Cove Holdings LLC 495 Wood Street Oceanside NY 11572 (516)678-7018

5. REGISTERED ACTIVITY

Types	Authorized Waste
CDDHRF - uncontaminated soil sand gravel rock - registration (30C60155) [361-5]	Soil (Clean), Sand, Rock, Gravel
CDDHRF - concrete rock brick - registration (30C10155) [361-5]	Concrete, Rock, Brick

Maximum Throughput Limit: 495.00 cubic yards/day

Storage: 4125.00 cubic yards - both processed and unprocessed total for all materials

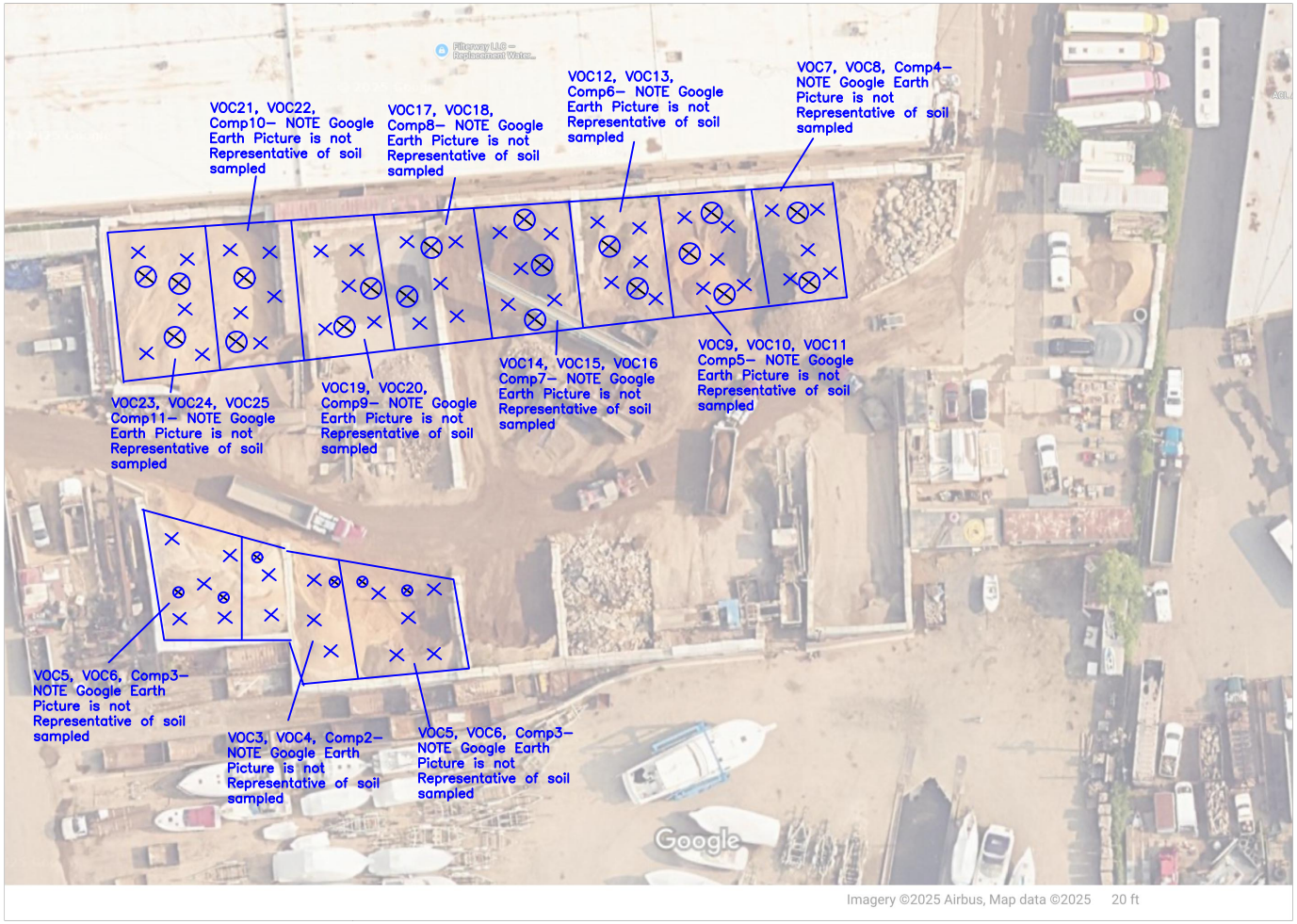
6. OPERATIONS SCHEDULE - Normal schedule of operation	7. NAME(S) OF ALL MUNICIPALITIES SERVED -
6:00 AM to 6:00 PM; Monday-Saturday	Bronx(Co), Kings (Co), Queens(Co), Nassau(Co), New York(Co), Suffolk(Co), Richmond (Co).

This registration does not exempt or preclude you from complying with any other applicable federal, state, or local laws, rules or regulations.

July 29, 2025

Appendix B
Figures

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594



North

General Notes

Soil Sampling Key

× Composite Grab

⊗ VOC Grab

No.	Revision/Issue	Date

Firm Name and Address
Taylord Environment, Inc
PO BOX 613
Wingdale, NY 12594

Project Name and Address
Earth Tech
495 Wood Street
Oceanside, New York

Project: Willetts Point
Date: 5/19 & 7/17/25
Scale: Not To Scale
Sheet: 1

EarthTech Willets Point Sampling – 5-19-25 & 7-17-25.dwg
1/15/2004

July 29, 2025

Appendix C
Table Compared to PART 375

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

SDG: GCT32230
Project: EARTH TECH 495 WOOD ST, OCEANSIDE, NY

Lab Sample Id / Collection Date / Client Id / Matrix	CAS	Units	NY 375 GWP	NY 375 Res Restricted	CT32230 05/19/2025 ET-VOC 1 SOIL		CT32231 05/19/2025 ET-VOC 2 SOIL		CT32232 05/19/2025 ET-VOC 3 SOIL		CT32233 05/19/2025 ET-VOC 4 SOIL		CT32234 05/19/2025 ET-VOC 5 SOIL		CT32235 05/19/2025 ET-VOC 6 SOIL		CT32236 05/19/2025 ET-COMP 1 SOIL		CT32237 05/19/2025 ET-COMP 2 SOIL		CT32238 05/19/2025 ET-COMP 3 SOIL	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																						
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg	19	110													<0.37	0.37	<0.40	0.4	<0.39	0.39
Methylacetate	79-20-9	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5						
Percent Solid	PHNX - PCTSOLID	%															93		92		94	
pH at 20C - Soil		pH Units															8.38	1	8.55	1	8.61	1
Redox Potential	PHNX - REDOX	mV															240		247		248	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	40	27													<0.54	0.54	<0.54	0.54	<0.53	0.53
Metals Total																						
Arsenic	7440-38-2	mg/Kg	16	16													1.94	0.66	3.37	0.64	1.51	0.74
Barium	7440-39-3	mg/Kg	820	400													44.5	0.33	40.3	0.32	31.5	0.37
Beryllium	7440-41-7	mg/Kg	47	72													<0.27	0.27	<0.26	0.26	<0.30	0.3
Cadmium	7440-43-9	mg/Kg	7.5	4.3													<0.33	0.33	<0.32	0.32	<0.37	0.37
Chromium	7440-47-3	mg/Kg															14.3	0.33	12.9	0.32	10.5	0.37
Copper	7440-50-8	mg/Kg	1720	270													11.6	0.7	13.3	0.6	25	0.7
Lead	7439-92-1	mg/Kg	450	400													18	0.33	37.1	0.32	20	0.37
Manganese	7439-96-5	mg/Kg	2000	2000													183	0.33	168	0.32	178	0.37
Mercury	7439-97-6	mg/Kg	0.73	0.81													<0.03	0.03	0.06	0.03	<0.03	0.03
Nickel	7440-02-0	mg/Kg	130	310													14.5	0.33	10.7	0.32	8.9	0.37
Selenium	7782-49-2	mg/Kg	4	180													<1.3	1.3	<1.3	1.3	<1.5	1.5
Silver	7440-22-4	mg/Kg	8.3	180													<0.33	0.33	<0.32	0.32	<0.37	0.37
Trivalent Chromium	16065-83-1	mg/Kg		180													14.3	0.33	12.9	0.32	10.5	0.37
Zinc	7440-66-6	mg/Kg	2480	10000													30.7	0.7	46.2	0.6	38.7	0.7
1,4-dioxane - SW8260D																						
1,4-dioxane	123-91-1	ug/kg	100	13000	<89	89	<78	78	<74	74	<100	100	<83	83	<82	82						
Additional Semi-Volatile Compounds - SW8270E																						
1,1-Biphenyl	92-52-4	ug/Kg															<250	250	<250	250	<240	240
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg															<250	250	<250	250	<240	240
Atrazine	1912-24-9	ug/Kg															<140	140	<140	140	<140	140
Benzaldehyde	100-52-7	ug/Kg															<250	250	<250	250	<240	240
Benzo(a)pyrene	50-32-8	ug/Kg	22000	1000													<250	250	150	250	<240	240
Caprolactam	105-60-2	ug/Kg															<140	140	<140	140	<140	140
Chlorinated Herbicides - SW8151A																						
2,4,5-T	93-76-5	ug/Kg															<130	130	<130	130	<130	130
2,4,5-TP (Silvex)	93-72-1	ug/Kg	3800	100000													<130	130	<130	130	<130	130
2,4-D	94-75-7	ug/Kg															<270	270	<270	270	<260	260
2,4-DB	94-82-6	ug/Kg															<2700	2700	<2700	2700	<2600	2600
Dalapon	75-99-0	ug/Kg															<130	130	<130	130	<130	130
Dicamba	1918-00-9	ug/Kg															<130	130	<130	130	<130	130
Dichloroprop	120-36-5	ug/Kg															<270	270	<270	270	<260	260
Dinoseb	88-85-7	ug/Kg															<270	270	<270	270	<260	260
Pesticides - Soil - SW8081B																						
4,4'-DDD	72-54-8	ug/Kg	14000	13000													<2.1	2.1	<2.1	2.1	<3.0	3
4,4'-DDE	72-55-9	ug/Kg	17000	8900													<2.1	2.1	3.6	2.1	<2.1	2.1
4,4'-DDT	50-29-3	ug/Kg	136000	7900													<2.1	2.1	8.4	2.1	<2.1	2.1
a-BHC	319-84-6	ug/Kg	20	480													<7.2	7.2	<7.2	7.2	<7.1	7.1
a-Chlordane	5103-71-9	ug/Kg	2900	4200													18	3.6	64	3.6	29	3.5
Aldrin	309-00-2	ug/Kg	190	97													<3.6	3.6	<3.6	3.6	<3.5	3.5
b-BHC	319-85-7	ug/Kg	90	360													<7.2	7.2	<7.2	7.2	<7.1	7.1
Chlordane	57-74-9	ug/Kg															100	36	370	36	120	35
d-BHC	319-86-8	ug/Kg	250	100000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Dieldrin	60-57-1	ug/Kg	100	200													<3.6	3.6	13	3.6	<3.5	3.5
Endosulfan I	959-98-8	ug/Kg	102000	24000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endosulfan II	33213-65-9	ug/Kg	102000	24000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endosulfan sulfate	1031-07-8	ug/Kg	1000000	24000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endrin	72-20-8	ug/Kg	60	11000													<7.2	7.2	<7.2	7.2	<7.1	7.1
Endrin aldehyde	7421-93-4	ug/Kg															<7.2	7.2	<7.2	7.2	<7.1	7.1
Endrin ketone	53494-70-5	ug/Kg															<7.2	7.2	<7.2	7.2	<7.1	7.1
g-BHC	58-89-9	ug/Kg	100	1300													<1.4	1.4	<1.4	1.4	<1.4	1.4
g-Chlordane	5103-74-2	ug/Kg															12	3.6	43	3.6	19	3.5
Heptachlor	76-44-8	ug/Kg	380	2100													<7.2	7.2	<7.2	7.2	<7.1	7.1
Heptachlor epoxide	1024-57-3	ug/Kg															<7.2	7.2	<7.2	7.2	<7.1	7.1
Methoxychlor	72-43-5	ug/Kg															<36	36	<36	36	<35	35
Toxaphene	8001-35-2	ug/Kg															<140	140	<140	140	<140	140
Polychlorinated Biphenyls - SW8082A																						
PCB-1016	12674-11-2	ug/Kg															<360	360	<360	360	<350	350
PCB-1221	11104-28-2	ug/Kg															<360	360	<360	360	<350	350
PCB-1232	11141-16-5	ug/Kg															<360	360	<360	360	<350	350
PCB-1242	53469-21-9	ug/Kg															<360	360	<360	360	<350	350
PCB-1248	12672-29-6	ug/Kg															<360	360	<360	360	<350	350
PCB-1254	11097-69-1	ug/Kg															<360	360	<360	360	<350	350
PCB-1260	11096-82-5	ug/Kg															<360	360	<360	360	<350	350
PCB-1262	37324-23-5	ug/Kg															<360	360	<360	360	<350	350
PCB-1268	11100-14-4	ug/Kg															<360	360	<360	360	<350	350
Semivolatiles - SW8270E																						
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg															<250	250	<250	250	<240	240
1,2,4-Trichlorobenzene	120-82-1	ug/Kg															<250	250	<250	250	<240	240
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100000													<250	250	<250	250	<240	240
1,2-Diphenylhydrazine	122-66-7	ug/Kg															<350	350	<360	360	<350	350
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000													<250	250	<250	250	<240	240
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000													<250	250	<250	250	<240	240
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg															<250	250	<250	250	<240	240
2,4,5-Trichlorophenol	95-95-4	ug/Kg															<250	250	<250	250	<240	240
2,4,6-Trichlorophenol	88-06-2	ug/Kg															<250	250	<250	250	<240	240
2,4-Dichlorophenol	120-83-2	ug/Kg															<250	250	<250	250	<240	240
2,4-Dimethylphenol	105-67-9	ug/Kg															<250	250	<250	250	<240	240
2,4-Dinitrophenol	51-28-5	ug/Kg															<350	350	<360	360	<350	350
2,4-Dinitrotoluene	121-14-2	ug/Kg															<250	250	<250	250	<240	240
2,6-Dinitrotoluene	606-20-2	ug/Kg															<250	250	<250	250	<240	240
2-Chloronaphthalene	91-58-7	ug/Kg															<250	250	<250	250	<240	240
2-Chlorophenol	95-57-8	ug/Kg															<250	250	<250	250	<240	240
2-Methylnaphthalene	91-57-6	ug/Kg															<250	250	<250	250	<240	240
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	330	100000													<250	250	<250	250	<240	240
2-Nitroaniline	88-74-4	ug/Kg															<350	350	<360	360	<350	350
2-Nitrophenol	88-75-5	ug/Kg															<250	250	<250	250	<240	240
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg															<350	350	<360	360	<350	350
3,3'-Dichlorobenzidine	91-94-1	ug/Kg															<250	250	<250	250	<240	240
3-Nitroaniline	99-09-2	ug/Kg															<350	350	<360	360	<350	350
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg															<350	350	<360	360	<350	350
4-Bromophenyl phenyl ether	101-55-3	ug/Kg															<350	350	<360	360	<350	350
4-Chloro-3-methylphenol	59-50-7	ug/Kg															<250	250	<250	250	<240	240
4-Chloroaniline	106-47-8	ug/Kg															<250	250	<250	250	<240	240
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg															<250	250	<250	250	<240	240
4-Nitroaniline	100-01-6	ug/Kg															<570	570	<570	570	<560	560
4-Nitrophenol	100-02-7	ug/Kg															<250	250	<250	250	<240	240
Acenaphthene	83-32-9	ug/Kg	98000	100000													<250	250	<250	250	<240	240
Acenaphthylene	208-96-8	ug/Kg	107000	100000													<250	250	<250	250	<240	240
Acetophenone	98-86-2	ug/Kg															<250	250	<250	250	<240	240
Aniline	62-53-3	ug/Kg															<350	350	<360	360	<350	350
Anthracene	120-12-7	ug/Kg	1000000	100000													<250	250	<250	250	<240	240
Benz(a)anthracene	56-55-3	ug/Kg	1000	1000													<250	250	<250	250	<240	240
Benzidine	92-87-5	ug/Kg															<250	250	<250	250	<240	240
Benzo(a)pyrene	50-32-8	ug/Kg	22000	1000													<250	250	<250	250	<240	240
Benzo(b)fluoranthene	205-99-2	ug/Kg	1700	1000													<250	250	<250	250	<240	240
Benzo(ghi)perylene	191-24-2	ug/Kg	1000000	100000													<250	250	<250	250	<240	240
Benzo(k)fluoranthene	207-08-9	ug/Kg	1700	3900													<250	250	<250	250	<240	240
Benzoic acid	65-85-0	ug/Kg															<710	710	<710	710	<690	690
Benzyl butyl phthalate	85-68-7	ug/Kg															<250	250	<250	250	<240	240
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg															<250	250	<250	250	<240	240
Bis(2-chloroethyl)ether	111-44-4	ug/Kg															<350	350	<360	360	<350	350
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg															<350	350	<360	360	<350	350
Carbazole	86-74-8	ug/Kg															<350	350	<360	360	<350	350
Chrysene	218-01-9	ug/Kg	1000	3900													<250	250	<250	250	<240	240
Di-n-butylphthalate	84-74-2	ug/Kg															<350	350	<360	360	<350	350
Di-n-octylphthalate	117-84-0	ug/Kg															<250	250	<250	250	<240	240
Dibenz(a,h)anthracene	53-70-3	ug/Kg	1000000	330													<250	250	<250	250	<240	240
Dibenzofuran	132-64-9	ug/Kg	210000	59000													<250	250	<250	250	<240	240
Diethyl phthalate	84-66-2	ug/Kg															<250	250	<250	250	<240	240

Dimethylphthalate	131-11-3	ug/Kg																<250	250	<250	250	<240	240
Fluoranthene	206-44-0	ug/Kg	1000000	100000														<250	250	<250	250	<240	240
Fluorene	86-73-7	ug/Kg	386000	100000														<250	250	<250	250	<240	240
Hexachlorobenzene	118-74-1	ug/Kg	3200	1200														<250	250	<250	250	<240	240
Hexachlorobutadiene	87-68-3	ug/Kg																<250	250	<250	250	<240	240
Hexachlorocyclopentadiene	77-47-4	ug/Kg																<250	250	<250	250	<240	240
Hexachloroethane	67-72-1	ug/Kg																<250	250	<250	250	<240	240
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	8200	500														<250	250	<250	250	<240	240
Isophorone	78-59-1	ug/Kg																<250	250	<250	250	<240	240
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg																<250	250	<250	250	<240	240
N-Nitrosodimethylamine	62-75-9	ug/Kg																<350	350	<360	360	<350	350
N-Nitrosodiphenylamine	86-30-6	ug/Kg																<350	350	<360	360	<350	350
Naphthalene	91-20-3	ug/Kg	12000	100000														<250	250	<250	250	<240	240
Nitrobenzene	98-95-3	ug/Kg																<250	250	<250	250	<240	240
Pentachloronitrobenzene	82-68-8	ug/Kg																<350	350	<360	360	<350	350
Pentachlorophenol	87-86-5	ug/Kg	800	6700														<350	350	<360	360	<350	350
Phenanthrene	85-01-8	ug/Kg	1000000	100000														<250	250	<250	250	<240	240
Phenol	108-95-2	ug/Kg	330	100000														<250	250	<250	250	<240	240
Pyrene	129-00-0	ug/Kg	1000000	100000														<250	250	<250	250	<240	240
Pyridine	110-86-1	ug/Kg																<350	350	<360	360	<350	350
Volatiles - SW8260D																							
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1,2-Trichloroethane	79-00-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1-Dichloroethane	75-34-3	ug/Kg	270	26000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1-Dichloroethene	75-35-4	ug/Kg	330	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,1-Dichloropropene	563-58-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,3-Trichlorobenzene	87-61-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,3-Trichloropropane	96-18-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,4-Trichlorobenzene	120-82-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3600	52000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dibromoethane	106-93-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dichlorobenzene	95-50-1	ug/Kg	1100	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dichloroethane	107-06-2	ug/Kg	20	3100	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,2-Dichloropropane	78-87-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8400	52000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,3-Dichlorobenzene	541-73-1	ug/Kg	2400	49000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,3-Dichloropropane	142-28-9	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
1,4-Dichlorobenzene	106-46-7	ug/Kg	1800	13000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
2,2-Dichloropropane	594-20-7	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
2-Chlorotoluene	95-49-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
2-Hexanone	591-78-6	ug/Kg			<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
2-Isopropyltoluene	527-84-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
4-Chlorotoluene	106-43-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
4-Methyl-2-pentanone	108-10-1	ug/Kg			<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
Acetone	67-64-1	ug/Kg	50	100000	<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
Acrolein	107-02-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Acrylonitrile	107-13-1	ug/Kg			<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Benzene	71-43-2	ug/Kg	60	4800	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromobenzene	108-86-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromochloromethane	74-97-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromodichloromethane	75-27-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromoform	75-25-2	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Bromomethane	74-83-9	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Carbon Disulfide	75-15-0	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Carbon tetrachloride	56-23-5	ug/Kg	760	2400	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chlorobenzene	108-90-7	ug/Kg	1100	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chloroethane	75-00-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chloroform	67-66-3	ug/Kg	370	49000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Chloromethane	74-87-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
cis-1,3-Dichloropropene	10061-01-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Dibromochloromethane	124-48-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Dibromomethane	74-95-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Dichlorodifluoromethane	75-71-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Ethylbenzene	100-41-4	ug/Kg	1000	41000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Hexachlorobutadiene	87-68-3	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Isopropylbenzene	98-82-8	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
m&p-Xylene	179601-23-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Methyl Ethyl Ketone	78-93-3	ug/Kg	120	100000	<30	30	<26	26	<25	25	<36	36	<28	28	<27	27							
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	930	100000	<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Methylene chloride	75-09-2	ug/Kg	50	100000	<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
n-Butylbenzene	104-51-8	ug/Kg	12000	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
n-Propylbenzene	103-65-1	ug/Kg	3900	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Naphthalene	91-20-3	ug/Kg	12000	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
o-Xylene	95-47-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
p-Isopropyltoluene	99-87-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
sec-Butylbenzene	135-98-8	ug/Kg	11000	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Styrene	100-42-5	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Tert-butyl alcohol	75-65-0	ug/Kg			<120	120	<100	100	<98	98	<140	140	<110	110	<110	110							
tert-Butylbenzene	98-06-6	ug/Kg	5900	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Tetrachloroethene	127-18-4	ug/Kg	1300	19000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Tetrahydrofuran (THF)	109-99-9	ug/Kg			<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Toluene	108-88-3	ug/Kg	700	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Total Xylenes	1330-20-7	ug/Kg	1600	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
trans-1,2-Dichloroethene	156-60-5	ug/Kg	190	100000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
trans-1,3-Dichloropropene	10061-02-6	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			<12	12	<10	10	<9.8	9.8	<14	14	<11	11	<11	11							
Trichloroethene	79-01-6	ug/Kg	470	21000	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Trichlorofluoromethane	75-69-4	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Trichlorotrifluoroethane	76-13-1	ug/Kg			<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							
Vinyl chloride	75-01-4	ug/Kg	20	900	<5.9	5.9	<5.2	5.2	<4.9	4.9	<7.2	7.2	<5.5	5.5	<5.5	5.5							

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Phoenix Environmental Laboratories, Inc.
5417 Hoffman Street Turnpike
P.O. Box 1
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

					CT79170 07/17/2025 ET-VOC7 SOIL		CT79174 07/17/2025 ET-VOC8 SOIL		CT79175 07/17/2025 ET-VOC9 SOIL		CT79176 07/17/2025 ET-VOC10 SOIL		CT79177 07/17/2025 ET-VOC11 SOIL		CT79178 07/17/2025 ET-VOC12 SOIL		CT79179 07/17/2025 ET-VOC13 SOIL		CT79180 07/17/2025 ET-VOC14 SOIL		CT79181 07/17/2025 ET-VOC15 SOIL		CT79182 07/17/2025 ET-VOC16 SOIL		CT79183 07/17/2025 ET-VOC17 SOIL		CT79184 07/17/2025 ET-VOC18 SOIL		CT79185 07/17/2025 ET-VOC19 SOIL		CT79186 07/17/2025 ET-VOC20 SOIL		CT79187 07/17/2025 ET-VOC21 SOIL		CT79188 07/17/2025 ET-VOC22 SOIL		CT79189 07/17/2025 ET-VOC23 SOIL		CT79190 07/17/2025 ET-VOC24 SOIL		CT79191 07/17/2025 ET-VOC25 SOIL		CT79192 07/17/2025 ET-COMP1 SOIL		CT79193 07/17/2025 ET-COMP2 SOIL		CT79194 07/17/2025 ET-COMP3 SOIL		CT79195 07/17/2025 ET-COMP4 SOIL		CT79196 07/17/2025 ET-COMP5 SOIL		CT79197 07/17/2025 ET-COMP6 SOIL		CT79198 07/17/2025 ET-COMP10 SOIL		CT79199 07/17/2025 ET-COMP11 SOIL	
SDG: GCT79175			NY	NY																																												
Project: SMITH TECH	CAS	Units	375 SMP	375 Res/Restricted	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																																																		
Chromium, Hex. (SW7196/SW6020 digestion)	18540-29-9	mg/kg	19	110																																														
Methylacetate	79-20-9	ug/kg			<6.6	6.6	<5.1	5.1	<6.6	6.6	<5.1	5.1	<6.7	6.7	<6.7	6.7	<6.7	6.7	<6.4	6.4	<5.0	5	<5.5	5.5	<5.6	5.6	<5.2	5.2	<5.4	5.4	<5.5	5.5	<5.6	5.6	<5.6	5.6	<5.5	5.5	<5.6	5.6	<6.2	6.2												
Percent Solid	PHRK-PCTSOLID	%																																					92		93		93		96		97		96		91	
pH at 25C - Soil		pH Units																																					7.79	1	8.18	1	9.01	1	8.2	1	8.1	1	8.07	1	7.96	1	7.89	1
Redox Potential	PHRK-REDOX	mV																																					205		205		205		207		207		205		210		210	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/kg	40	27																																			<0.54	0.54	<0.54	0.54	<0.54	0.54	<0.52	0.52	<0.52	0.52	<0.52	0.52	<0.52	0.52	<0.52	0.52	<0.52	0.52
Metals Total																																																		
Arsenic	7440-38-2	mg/kg	16	16																																			6.74	0.64	5.91	0.7	2.68	0.71	3.06	0.65	3.69	0.67	5.72	0.66	5.76	0.65	5.93	0.66
Barium	7440-39-3	mg/kg	820	820																																			93	0.43	29.7	0.45	38.5	0.35	12	0.33	30.6	0.31	22.6	0.32	10.7	0.33	10.7	0.33
Beryllium	7440-41-7	mg/kg	47	72																																			0.33	0.26	0.56	0.28	<0.28	0.28	<0.28	0.28	<0.28	0.26	<0.27	0.27	<0.26	0.26	<0.26	0.26	<0.26	0.26
Cadmium	7440-43-9	mg/kg	7.5	6.3																																			<0.32	0.32	<0.35	0.35	<0.35	0.35	<0.33	0.33	<0.33	0.33	<0.33	0.33	<0.32	0.32	<0.33	0.33	<0.33	0.33
Chromium	7440-47-3	mg/kg																																					16.2	0.51	27.8	0.55	12.3	0.55	3.56	0.51	3.78	0.53	4.91	0.52	4.17	0.53	4.17	0.53
Copper	7440-50-8	mg/kg	1720	270																																			11.8	0.64	8.84	0.7	8.84	0.71	8.46	0.65	9.7	0.67	8.45	0.66	8.3	0.65	8.61	0.66
Lead	7439-92-1	mg/kg	450	400																																			596	0.32	372	0.35	174	0.35	2.63	0.33	199	0.33	253	0.32	2.82	0.33	1.89	0.33
Manganese	7439-96-5	mg/kg	2000	2000																																			0.54	0.14	0.13	0.15	0.13	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Mercury	7439-97-6	mg/kg	0.73	0.81																																			11.8	0.33	11	0.34	12.3	0.35	4.92	0.33	5.24	0.33	4.25	0.32	4.31	0.33	4.53	0.33
Nickel	7440-02-0	mg/kg	130	310																																			0.33	0.33	0.33	0.35	0.35	0.35	0.33	0.33	0.33	0.33	0.32	0.32	0.33	0.33	0.33	0.33
Selenium	7782-49-2	mg/kg	4	180																																			<0.65	0.65	<0.71	0.71	<0.71	0.71	<0.66	0.66	<0.67	0.67	<0.65	0.65	<0.66	0.66	<0.67	0.67	<0.67	0.67
Silver	7440-22-4	mg/kg	8.3	180																																			<0.33	0.33	<0.35	0.35	<0.35	0.35	<0.33	0.33	<0.33	0.33	<0.32	0.32	<0.33	0.33	<0.33	0.33
Trivalent Chromium	16065-83-1	mg/kg		180																																			16.2	0.51	27.8	0.55	12.3	0.55	3.56	0.51	3.78	0.53	4.91	0.52	4.17	0.53	4.17	0.53
Zinc	7440-66-6	mg/kg	2480	10000																																			10.4	0.4	24.3	0.7	30.4	0.7	8.7	0.7	8.7	0.7	8.4	0.7	7.1	0.7	7.9	0.7	8.6	0.7
1,4-dioxane - SW8260D																																																		
1,4-dioxane	123-91-1	ug/kg	100	10000	<68	68	<77	77	<68	68	<76	76	<71	71	<71	71	<71	71	<65	65	<75	75	<82	82	<84	84	<78	78	<81	81	<83	83	<81	81	<84	84	<82	82	<80	80	<92	92										
Additional Semi-Volatile Compounds - SW8270D																																																		
1,1-Biphenyl	92-52-4	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
Atrazine	1912-24-9	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Benzaldehyde	100-52-7	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
Benzo(g,h,i)perylene	50-32-8	ug/kg	22000	1000																																			<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Caprolactam	105-60-2	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Chlorinated Herbicides - SW8151A																																																		
2,4,5-T	93-76-5	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
2,4,5-TP (Silvex)	93-72-1	ug/kg	3800	100000																																			<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
2,4-D	94-75-7	ug/kg																																					<270	270	<270	270	<270	270	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260
2,4-DB	94-82-6	ug/kg																																					<2700	2700	<2700	2700	<2700	2700	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600	<2600	2600
Dalapon	75-99-0	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Dicamba	1918-00-9	ug/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Dichloroprop	120-36-5	ug/kg																																					<270	270	<270	270	<270	270	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260	<260	260
Dinoseb	88-85-7	ug/kg																																					<260	260	<260	260	<260	260	<250	250	<250	250	<260	260	<250	250	<250	250	<250	250	<250	250	<250	250	<250	250	<250	250	<250	250
Pesticides - Soil - SW8081B																																																		
4,4'-DDD	72-54-8	ug/kg	16000	13000																																			<2.2	2.2	<2.1	2.1	<2.1	2.1	<2.1	2.1	<2.0	2	<2.0	2	<2.0	2	<2.1	2.1
4,4'-DDE	72-55-9	ug/kg	62000	9000																																			<2.2	2.2	<2.1	2.1	<2.1	2.1	<2.1	2.1	<2.0	2	<2.0	2	<2.0	2	<2.1	2.1
4,4'-DDT	50-29-3	ug/kg	136000	7900																																			<2.2	2.2	<2.1	2.1	<2.1	2.1	<2.1	2.1	<2.0	2	<2.0	2	<2.0	2	<2.1	2.1
a-BHC	319-84-6	ug/kg	20	680																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
a-Chlordane	5103-71-9	ug/kg	2900	4200																																			<8.0	8	<7.9	7.9	<7.8	7.8	20	7.8	<7.4	7.4	<7.5	7.5	<7.6	7.6	8.4	7.6
Aldrin	309-00-2	ug/kg	190	97																																			<10	10	<9.8	9.8	<9.5	9.5	<9.4	9.4	<9.2	9.2	<9.3	9.3	<9.4	9.4	<9.2	9.2	<9.2	9.2
b-BHC	319-85-7	ug/kg	90	360																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Chlordane	57-74-9	ug/kg																																					<66	66	<65	65	<65	65	90	65	<61	61	<62	62	<63	63	61	63	<63	63
d-BHC	319-86-8	ug/kg	250	100000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Dieldrin	60-57-1	ug/kg	100	200																																			<14	14	<14	14	<13	13	<13	13	<12	12	<12	12	<13	13	<12	12	<12	12
Endosulfan I	959-98-8	ug/kg	102000	24000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endosulfan II	33213-65-9	ug/kg	102000	24000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endosulfan sulfate	1031-07-8	ug/kg	1000000	24000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endrin	72-20-8	ug/kg	60	11000																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endrin aldehyde	7421-93-4	ug/kg																																					<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Endrin ketone	53494-70-5	ug/kg																																					<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
g-BHC	58-89-9	ug/kg	100	1300																																			<1.4	1.4	<1.4	1.4	<1.4	1.4	<1.4	1.4	<1.3	1.3	<1.3	1.3	<1.3	1.3	<1.4	1.4
g-Chlordane	5103-74-2	ug/kg																																					<8.0	8	<7.9	7.9	14	7.8	<7.4	7.4	<7.4	7.4	<7.5	7.5	<7.6	7.6	8	7.6
Heptachlor	76-44-8	ug/kg	380	2100																																			<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Heptachlor epoxide	1024-57-3	ug/kg																																					<7.2	7.2	<7.1	7.1	<7.0	7	<6.9	6.9	<6.7	6.7	<6.8	6.8	<6.8	6.8	<6.9	6.9
Methoxychlor	72-43-5	mg/kg		360																																			<96	96	<95	95	<95	95	<91	91	<90	90	<91	91	<91	91	<90	90	<91	91
Toxaphene	8001-35-2	mg/kg																																					<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160	<160	160
Polychlorinated Biphenyls - SW8082A																																																		
PCB-1016	12674-11-2	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1221	11104-28-2	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1232	11141-16-5	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1242	53469-21-9	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1248	12672-29-6	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1254	11097-69-1	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1260	11096-82-5	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1262	37324-23-5	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
PCB-1268	11100-14-4	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
Semivolatiles - SW8270D																																																		
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2,4-Trichlorobenzene	120-82-1	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2-Dichlorobenzene	95-50-1	ug/kg	1100	100000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,2-Diphenylhydrazine	122-66-7	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
1,3-Dichlorobenzene	541-73-1	ug/kg	2400	49000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
1,4-Dichlorobenzene	106-46-7	ug/kg	1800	13000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4,5-Trichlorophenol	95-95-4	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4,6-Trichlorophenol	88-06-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dichlorophenol	120-83-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dimethylphenol	105-67-9	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dinitrophenol	51-28-5	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,4-Dinitrotoluene	121-14-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2,6-Dinitrotoluene	606-20-2	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Chloronaphthalene	91-58-7	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Chlorophenol	95-57-8	ug/kg																																					<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Methylnaphthalene	91-57-6	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
2-Methylphenol (o-cresol)	95-48-7	ug/kg	330	100000																																			<250	250	<250	250	<260	260	<240	240	<240	240	<260	260	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240	<240	240
2-Nitroaniline	88-74-4	ug/kg																																					<360	360	<360	360	<350	350	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340	<340	340
2-Nitrophenol	88-75-5	ug/kg	

Phoenix Environmental Laboratories, Inc. 587 East Middle Turnpike P.O. Box 370 Manchester, CT 06040 (860) 645-1102 Project Id : EARTH TECH	Lab Sample Id Collection Date Client Id Matrix				CT91269 8/4/2025 ET-COMP 2 Soil		CT91270 8/4/2025 ET-COMP 3 Soil		CT91271 8/4/2025 FIELD BLANK Water		CT91272 8/4/2025 ET-COMP 4 Soil		CT91273 8/4/2025 ET-COMP 5 Soil		CT91274 8/4/2025 ET-COMP 6 Soil		CT91275 8/4/2025 ET-COMP 7 Soil		CT91276 8/4/2025 ET-COMP 8 Soil		CT91277 8/4/2025 ET-COMP 9 Soil		CT91278 8/4/2025 ET-COMP 10 Soil		CT91279 8/4/2025 ET-COMP 11 Soil	
	CAS	Units	NY-GWP	NY-ResRestrict	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Miscellaneous/Inorganics																												
Percent Solid	PHNX - PCTSOLID	%	NS	NS	92.1	0.100	95.5	0.100	-	-	95.1	0.100	90.4	0.100	92.6	0.100	91	0.100	94.3	0.100	95.8	0.100	95.3	0.100	95.1	0.100
PFAS (40) by EPA 1633 By EPA 1633A																												
11Cl-PF3OUdS	763051-92-9	ng/g	NS	NS	< 0.819	0.819	< 0.789	0.789	-	-	< 0.792	0.792	< 0.836	0.836	< 0.815	0.815	< 0.826	0.826	< 0.801	0.801	< 0.789	0.789	< 0.792	0.792	< 0.795	0.795
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ng/g	NS	NS	< 0.832	0.832	< 0.801	0.801	-	-	< 0.805	0.805	< 0.849	0.849	< 0.827	0.827	< 0.839	0.839	< 0.814	0.814	< 0.802	0.802	< 0.805	0.805	< 0.807	0.807
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	ng/g	NS	NS	< 0.813	0.813	< 0.783	0.783	-	-	< 0.786	0.786	< 0.829	0.829	< 0.808	0.808	< 0.820	0.820	< 0.795	0.795	< 0.783	0.783	< 0.786	0.786	< 0.788	0.788
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	ng/g	NS	NS	< 0.824	0.824	< 0.793	0.793	-	-	< 0.796	0.796	< 0.840	0.840	< 0.819	0.819	< 0.830	0.830	< 0.806	0.806	< 0.793	0.793	< 0.796	0.796	< 0.799	0.799
3:3FTCA	356-02-5	ng/g	NS	NS	< 1.08	1.08	< 1.04	1.04	-	-	< 1.05	1.05	< 1.11	1.11	< 1.08	1.08	< 1.09	1.09	< 1.06	1.06	< 1.04	1.04	< 1.05	1.05	< 1.05	1.05
5:3FTCA	914637-49-3	ng/g	NS	NS	< 5.42	5.42	< 5.22	5.22	-	-	< 5.24	5.24	< 5.53	5.53	< 5.39	5.39	< 5.46	5.46	< 5.30	5.30	< 5.22	5.22	< 5.24	5.24	< 5.26	5.26
7:3FTCA	812-70-4	ng/g	NS	NS	< 5.42	5.42	< 5.22	5.22	-	-	< 5.24	5.24	< 5.53	5.53	< 5.39	5.39	< 5.46	5.46	< 5.30	5.30	< 5.22	5.22	< 5.24	5.24	< 5.26	5.26
9Cl-PF3ONS	756426-58-1	ng/g	NS	NS	< 0.811	0.811	< 0.780	0.780	-	-	< 0.784	0.784	< 0.827	0.827	< 0.806	0.806	< 0.817	0.817	< 0.793	0.793	< 0.781	0.781	< 0.784	0.784	< 0.786	0.786
ADONA	919005-14-4	ng/g	NS	NS	< 0.819	0.819	< 0.789	0.789	-	-	< 0.792	0.792	< 0.836	0.836	< 0.815	0.815	< 0.826	0.826	< 0.801	0.801	< 0.789	0.789	< 0.792	0.792	< 0.795	0.795
HFPO-DA	13252-13-6	ng/g	NS	NS	< 0.867	0.867	< 0.835	0.835	-	-	< 0.838	0.838	< 0.885	0.885	< 0.862	0.862	< 0.874	0.874	< 0.848	0.848	< 0.835	0.835	< 0.838	0.838	< 0.841	0.841
NEtFOSA	4151-50-2	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
NEtFOSAA	2991-50-6	ng/g	NS	NS	< 0.542	0.542	< 0.209	0.209	-	-	< 0.524	0.524	< 0.553	0.553	< 0.539	0.539	< 0.219	0.219	< 0.530	0.530	< 0.522	0.522	< 0.524	0.524	< 0.210	0.210
NEtFOSE	1691-99-2	ng/g	NS	NS	< 2.17	2.17	< 2.09	2.09	-	-	< 2.10	2.10	< 2.21	2.21	< 2.15	2.15	< 2.19	2.19	< 2.12	2.12	< 2.09	2.09	< 2.10	2.10	< 2.10	2.10
NFDHA	151772-58-6	ng/g	NS	NS	< 0.434	0.434	< 0.417	0.417	-	-	< 0.419	0.419	< 0.442	0.442	< 0.431	0.431	< 0.437	0.437	< 0.424	0.424	< 0.418	0.418	< 0.419	0.419	< 0.421	0.421
NMeFOSA	31506-32-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
NMeFOSAA	2355-31-9	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
NMeFOSE	24448-09-7	ng/g	NS	NS	< 2.17	2.17	< 2.09	2.09	-	-	< 2.10	2.10	< 2.21	2.21	< 2.15	2.15	< 2.19	2.19	< 2.12	2.12	< 2.09	2.09	< 2.10	2.10	< 2.10	2.10
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/g	NS	NS	< 0.209	0.209	0.0637	0.201	-	-	< 0.202	0.202	< 0.213	0.213	< 0.208	0.208	0.0822	0.211	< 0.205	0.205	< 0.201	0.201	< 0.202	0.202	< 0.203	0.203
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/g	NS	NS	< 0.192	0.192	< 0.185	0.185	-	-	< 0.185	0.185	< 0.196	0.196	< 0.191	0.191	< 0.193	0.193	< 0.188	0.188	< 0.185	0.185	< 0.185	0.185	< 0.186	0.186
Perfluorodecanoic acid (PFDA)	335-76-2	ng/g	NS	NS	< 0.217	0.217	0.0914	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	0.117	0.219	0.129	0.212	< 0.209	0.209	< 0.210	0.210	0.102	0.210
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	ng/g	NS	NS	< 0.210	0.210	< 0.202	0.202	-	-	< 0.203	0.203	< 0.215	0.215	< 0.209	0.209	< 0.212	0.212	< 0.206	0.206	< 0.202	0.202	< 0.203	0.203	< 0.204	0.204
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/g	NS	NS	0.0951	0.217	< 0.209	0.209	-	-	< 0.210	0.210	0.091	0.221	0.0975	0.215	< 0.219	0.219	0.0931	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	0.121	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ng/g	NS	NS	< 0.198	0.198	< 0.191	0.191	-	-	< 0.192	0.192	< 0.202	0.202	< 0.197	0.197	< 0.200	0.200	< 0.194	0.194	< 0.191	0.191	< 0.192	0.192	< 0.192	0.192
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	0.0916	0.219	0.0965	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/g	NS	NS	< 0.867	0.867	< 0.835	0.835	-	-	< 0.838	0.838	< 0.885	0.885	< 0.862	0.862	< 0.874	0.874	< 0.848	0.848	< 0.835	0.835	< 0.838	0.838	< 0.841	0.841
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/g	NS	NS	< 0.208	0.208	< 0.200	0.200	-	-	< 0.201	0.201	< 0.212	0.212	< 0.207	0.207	< 0.210	0.210	< 0.204	0.204	< 0.200	0.200	< 0.201	0.201	< 0.202	0.202
Perfluorononanoic acid (PFNA)	375-95-1	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ng/g	3.7	44	0.22	0.202	0.353	0.194	-	-	0.227	0.195	0.263	0.206	0.304	0.200	0.518	0.203	0.56	0.197	< 0.194	0.194	0.202	0.195	0.211	0.196
Perfluorooctanoic acid (PFOA)	335-67-1	ng/g	1.1	33	< 0.217	0.217	0.13	0.209	-	-	0.172	0.210	0.132	0.221	0.159	0.215	0.21	0.219	0.28	0.212	< 0.209	0.209	0.184	0.210	0.196	0.210
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/g	NS	NS	< 0.204	0.204	< 0.196	0.196	-	-	< 0.197	0.197	< 0.208	0.208	< 0.203	0.203	< 0.205	0.205	< 0.199	0.199	< 0.196	0.196	< 0.197	0.197	< 0.198	0.198
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/g	NS	NS	< 0.434	0.434	< 0.417	0.417	-	-	< 0.419	0.419	0.09	0.442	< 0.431	0.431	0.142	0.437	0.127	0.424	< 0.418	0.418	< 0.419	0.419	0.0972	0.421
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/g	NS	NS	< 0.217	0.217	< 0.209	0.209	-	-	< 0.210	0.210	< 0.221	0.221	< 0.215	0.215	< 0.219	0.219	< 0.212	0.212	< 0.209	0.209	< 0.210	0.210	< 0.210	0.210
PFEESA	113507-82-7	ng/g	NS	NS	< 0.386	0.386	0.126	0.371	-	-	< 0.373	0.373	< 0.394	0.394	< 0.384	0.384	0.131	0.389	< 0.377	0.377	< 0.372	0.372	< 0.373	0.373	0.127	0.374
PFMBA	863090-89-5	ng/g	NS	NS	< 0.434	0.434	0.134	0.417	-	-	< 0.419	0.419	< 0.442	0.442	< 0.431	0.431	0.143	0.437	< 0.424	0.424	< 0.418	0.418	< 0.419	0.419	0.137	0.421
PFMPA	377-73-1	ng/g	NS	NS	< 0.434	0.434	0.175	0.417	-	-	< 0.419	0.419	< 0.442	0.442	< 0.431	0.431	0.179	0.437	< 0.424	0.424	< 0.418	0.418	< 0.419	0.419	0.172	0.421
11Cl-PF3OUdS	763051-92-9	ng/L	NS	NS	-	-	-	-	< 72.6	72.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ng/L	NS	NS	-	-	-	-	< 73.7	73.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	ng/L	NS	NS	-	-	-	-	< 72.0	72.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	ng/L	NS	NS	-	-	-	-	< 72.9	72.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:3FTCA	356-02-5	ng/L	NS	NS	-	-	-	-	< 96.0	96.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:3FTCA	914637-49-3	ng/L	NS	NS	-	-	-	-	< 480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7:3FTCA	812-70-4	ng/L	NS	NS	-	-	-	-	< 480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9Cl-PF3ONS	756426-58-1	ng/L	NS	NS	-	-	-	-	< 71.8	71.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ADONA	919005-14-4	ng/L	NS	NS	-	-	-	-	< 72.6	72.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HFPO-DA	13252-13-6	ng/L	NS	NS	-	-	-	-	< 76.8	76.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEtFOSA	4151-50-2	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEtFOSAA	2991-50-6	ng/L	NS	NS	-	-	-	-	12.7	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEtFOSE	1691-99-2	ng/L	NS	NS	-	-	-	-	< 192	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NFDHA	151772-58-6	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NMeFOSA	31506-32-8	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NMeFOSAA	2355-31-9	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NMeFOSE	24448-09-7	ng/L	NS	NS	-	-	-	-	< 192	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/L	NS	NS	-	-	-	-	< 18.5	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/L	NS	NS	-	-	-	-	< 18.3	18.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/L	NS	NS	-	-	-	-	< 17.0	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	335-76-2	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	ng/L	NS	NS	-	-	-	-	< 18.6	18.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ng/L	NS	NS	-	-	-	-	< 17.6	17.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/L	NS	NS	-	-	-	-	< 76.8	76.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/L	NS	NS	-	-	-	-	< 18.4	18.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	375-95-1	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ng/L	NS	NS	-	-	-	-	< 17.9	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	335-67-1	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/L	NS	NS	-	-	-	-	< 18.0	18.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/L	NS	NS	-	-	-	-	< 19.2	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFEESA	113507-82-7	ng/L	NS	NS	-	-	-	-	< 34.2	34.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFMBA	863090-89-5	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFMPA	377-73-1	ng/L	NS	NS	-	-	-	-	< 38.4	38.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

NY-GWP Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Protection of Groundwater Guidance Values (April 2023)
NY-ResRestricted Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Restricted Residential Guidance Values (April 2023)
NS No standard
- Not analyzed
ng/g nanograms per gram
ng/L nanograms per liter

Phoenix Environmental Laboratories, Inc.						
587 East Middle Turnpike						
P.O. Box 370	Lab Sample Id				CT91268	
Manchester, CT 06040	Collection Date				8/4/2025	
(860) 645-1102	Client Id				ET-COMP 1	
	Matrix				Soil	
Project Id : EARTH TECH						
	CAS	Units	NY-GWP	NY-ResRestrict	Result	RL
Miscellaneous/Inorganics						
Percent Solid	PHNX - PCTSOLID	%	NS	NS	92.9	0.100
PFAS (40) by EPA 1633 By EPA 1633A						
11Cl-PF3OUdS	763051-92-9	ng/g	NS	NS	< 0.811	0.811
1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ng/g	NS	NS	< 0.824	0.824
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	757124-72-4	ng/g	NS	NS	< 0.804	0.804
1H,1H,2H,2H-Perfluorooctanesulfonic acid	27619-97-2	ng/g	NS	NS	< 0.815	0.815
3:3FTCA	356-02-5	ng/g	NS	NS	< 1.07	1.07
5:3FTCA	914637-49-3	ng/g	NS	NS	< 5.36	5.36
7:3FTCA	812-70-4	ng/g	NS	NS	< 5.36	5.36
9Cl-PF3ONS	756426-58-1	ng/g	NS	NS	< 0.802	0.802
ADONA	919005-14-4	ng/g	NS	NS	< 0.811	0.811
HFPO-DA	13252-13-6	ng/g	NS	NS	< 0.858	0.858
NEtFOSA	4151-50-2	ng/g	NS	NS	< 0.214	0.214
NEtFOSAA	2991-50-6	ng/g	NS	NS	< 0.214	0.214
NEtFOSE	1691-99-2	ng/g	NS	NS	< 2.14	2.14
NFDHA	151772-58-6	ng/g	NS	NS	< 0.429	0.429
NMeFOSA	31506-32-8	ng/g	NS	NS	< 0.214	0.214
NMeFOSAA	2355-31-9	ng/g	NS	NS	< 0.214	0.214
NMeFOSE	24448-09-7	ng/g	NS	NS	< 2.14	2.14
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/g	NS	NS	0.076	0.207
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/g	NS	NS	< 0.214	0.214
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/g	NS	NS	< 0.214	0.214
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/g	NS	NS	< 0.190	0.190
Perfluorodecanoic acid (PFDA)	335-76-2	ng/g	NS	NS	0.0966	0.214
Perfluorododecane Sulfonic Acid (PFDoDS)	79780-39-5	ng/g	NS	NS	< 0.208	0.208
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/g	NS	NS	< 0.214	0.214
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/g	NS	NS	< 0.214	0.214
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ng/g	NS	NS	< 0.196	0.196
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/g	NS	NS	< 0.214	0.214
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/g	NS	NS	< 0.858	0.858
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/g	NS	NS	< 0.206	0.206
Perfluorononanoic acid (PFNA)	375-95-1	ng/g	NS	NS	< 0.214	0.214
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ng/g	3.7	44	0.257	0.199
Perfluorooctanoic acid (PFOA)	335-67-1	ng/g	1.1	33	0.159	0.214
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/g	NS	NS	0.0763	0.202
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/g	NS	NS	0.13	0.429
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/g	NS	NS	< 0.214	0.214
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/g	NS	NS	< 0.214	0.214
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/g	NS	NS	< 0.214	0.214
PFEESA	113507-82-7	ng/g	NS	NS	0.13	0.382
PFMBA	863090-89-5	ng/g	NS	NS	0.138	0.429
PFMPA	377-73-1	ng/g	NS	NS	0.176	0.429

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

NY-GWP Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Protection of Groundwater Guidance Values (April 2023)

NY-ResRestricted Guidelines for Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs - Restricted Residential Guidance Values (April 2023)

NS No standard

\- Not analyzed

ng/g nanograms per gram

ng/L nanograms per liter

July 29, 2025

Appendix D
Photographs





Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

July 29, 2025

Appendix E
Gradation and Proctor

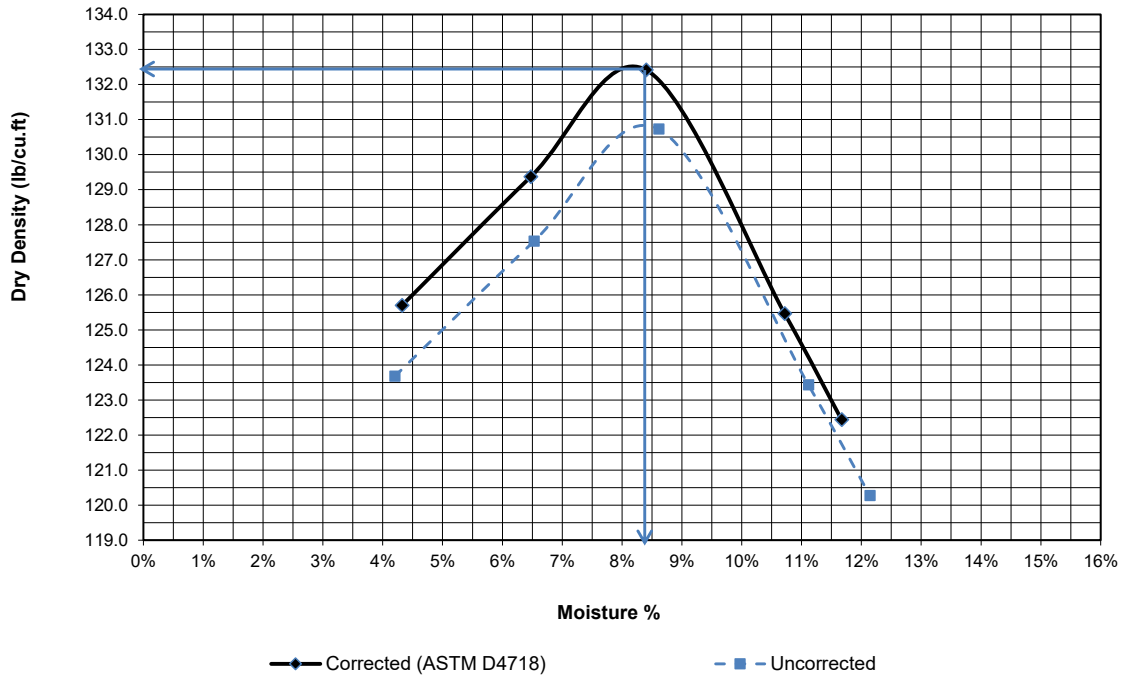
Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

TWIN PEAKS
DELIVERING EXCELLENCE IN QUALITY SINCE 1992
37-39 30th St. Long Island City, NY 11101 T: (718)-482-1911 F: (718)-482-7767

CLIENT NAME:	Triumph	**DATE ANALYZED:**	8/11/2025
PROJECT NAME:	Willets Point - Triangle	**TPI PROJECT NO.:**	2500079
PROJECT ADDRESS:	1800 Access Rd Oceanside NY 11572	**CCTL NO. :**	8906
MATERIAL DESCRIPTION:	SOIL	**DATE RECEIVED:**	8/4/2025
		TECHNICIAN:	Alec Robayo

COMPACTION CHARACTERISTICS OF SOIL USING MODIFIED EFFORT (ASTM D1557 - METHOD C)

MOISTURE - DENSITY CURVE



CORRECTED MAXIMUM DRY DENSITY	**132.5 pcf**
CORRECTED OPTIMUM MOISTURE %	**8.4 %**

REMARKS Material was sampled by the client and picked up by Twin Peaks

Oversize fraction is 7.5% retained on 3/4 inch sieve.

All general information listed in this report, location and project where the test specimens were prepared is as provided to us by the Client. All reports are confidential property of the Client, and information contained herein may not be published or reproduced without our written approval.
Results obtained is limited only to the items inspected or tested. This report cannot be reproduced, except in full, without the prior written approval of Twin Peaks.

New York City Qualification No. 3

STATE OF NEW YORK
MAXIM KORNGOLD
LICENSED PROFESSIONAL ENGINEER
106440

My P.E. seal must appear in blue ink only
Otherwise this document is null and void

Maxim Korngold, P.E.

8/11/2025
Date

July 29, 2025

Appendix F
Laboratory Report

Taylord Environment, Inc. * Scott@taylordenvironment.com * 914.419.9740
PO Box 613 Wingdale, NY 12594

PHOENIX
Environmental Laboratories, Inc.

Monday, June 02, 2025

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

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
SDG ID: GCT32230
Sample ID#s: CT32230 - CT32238

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

June 02, 2025

SDG I.D.: GCT32230

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

June 02, 2025

SDG I.D.: GCT32230

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY

Client Id	Lab Id	Matrix	Col Date
ET-VOC 1	CT32230	SOIL	05/19/25 0:00
ET-VOC 2	CT32231	SOIL	05/19/25 0:00
ET-VOC 3	CT32232	SOIL	05/19/25 0:00
ET-VOC 4	CT32233	SOIL	05/19/25 0:00
ET-VOC 5	CT32234	SOIL	05/19/25 0:00
ET-VOC 6	CT32235	SOIL	05/19/25 0:00
ET-COMP 1	CT32236	SOIL	05/19/25 0:00
ET-COMP 2	CT32237	SOIL	05/19/25 0:00
ET-COMP 3	CT32238	SOIL	05/19/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32230

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 1

Phoenix I.D.: CT32230

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	30	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	89	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	24	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	24	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.9	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32231

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 2

Phoenix I.D.: CT32231

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	78	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	21	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.2	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32232

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D	1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	05/21/25	JLI	70 - 130 %

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 3

Phoenix I.D.: CT32232

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	74	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	98	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	4.9	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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



Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32233

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 4

Phoenix I.D.: CT32233

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	36	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	90		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	100	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	90		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	29	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	29	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	140	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	7.2	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32234

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 5

Phoenix I.D.: CT32234

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 5

Phoenix I.D.: CT32234

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	83	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32235

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				05/19/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D	1

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-VOC 6

Phoenix I.D.: CT32235

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	05/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	05/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	05/21/25	JLI	70 - 130 %

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	05/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	05/21/25	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	05/21/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	05/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	05/21/25	JLI	70 - 130 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	05/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	05/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	05/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32236

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Arsenic	1.94	0.66		mg/Kg	1	05/21/25	TH	SW6010D	
Barium	44.5	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Beryllium	< 0.27	0.27		mg/Kg	1	05/21/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Chromium	14.3	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Copper	11.6	0.7		mg/kg	1	05/21/25	TH	SW6010D	
Mercury	< 0.03	0.03		mg/Kg	2	05/22/25	JM	SW7471B	
Manganese	183	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Nickel	14.5	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Lead	18.0	0.33		mg/Kg	1	05/21/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	05/21/25	TH	SW6010D	
Trivalent Chromium	14.3	0.33		mg/kg	1	05/28/25		CALC 6010-7196	
Zinc	30.7	0.7		mg/Kg	1	05/21/25	TH	SW6010D	
Percent Solid	93			%		05/20/25	CV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.37	0.37		mg/Kg	1	05/28/25	NP	SW7196A	
pH at 20C - Soil	8.38	1.00		pH Units	1	05/21/25 00:12	MW	SW846 9045D	
Redox Potential	240			mV	1	05/21/25	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	05/28/25	IG/GD	SW9012B	
Mercury Digestion	Completed					05/21/25	AC1/AC1	SW7471B	
Soil Extraction for Herbicide	Completed					05/27/25	P/D	SW3546	
Soil Extraction for PCB	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for Pesticides	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for SVOA	Completed					05/28/25	AC1/RB/RE	SW3546	
Total Metals Digest	Completed					05/20/25	B/AG	SW3050B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides								
2,4,5-T	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	05/28/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	98			%	10	05/28/25	JRB	30 - 150 %
% DCAA (Confirmation)	88			%	10	05/28/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	77			%	10	05/30/25	SC	30 - 150 %
% DCBP (Confirmation)	86			%	10	05/30/25	SC	30 - 150 %
% TCMX	83			%	10	05/30/25	SC	30 - 150 %
% TCMX (Confirmation)	86			%	10	05/30/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
a-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
a-Chlordane	18	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Aldrin	ND	3.6		ug/Kg	2	05/30/25	AW	SW8081B
b-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Chlordane	100	36		ug/Kg	2	05/30/25	AW	SW8081B
d-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	05/30/25	AW	SW8081B
g-Chlordane	12	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B	
Methoxychlor	ND	36		ug/Kg	2	05/30/25	AW	SW8081B	
Toxaphene	ND	140		ug/Kg	2	05/30/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	68			%	2	05/30/25	AW	30 - 150 %	
% DCBP (Confirmation)	59			%	2	05/30/25	AW	30 - 150 %	
% TCMX	62			%	2	05/30/25	AW	30 - 150 %	
% TCMX (Confirmation)	68			%	2	05/30/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	05/28/25	KCA	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Acetophenone	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Aniline	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E	
Anthracene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzidine	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Benzoic acid	ND	710		ug/Kg	1	05/28/25	KCA	SW8270E
Benzyl butyl phthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Carbazole	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Chrysene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Dibenzofuran	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Diethyl phthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Dimethylphthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Di-n-octylphthalate	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Fluoranthene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Fluorene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachlorobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachlorobutadiene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Hexachloroethane	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Isophorone	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Naphthalene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Nitrobenzene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
Phenanthrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Phenol	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Pyrene	ND	250		ug/Kg	1	05/28/25	KCA	SW8270E
Pyridine	ND	350		ug/Kg	1	05/28/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	104			%	1	05/28/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	86			%	1	05/28/25	KCA	30 - 130 %
% 2-Fluorophenol	78			%	1	05/28/25	KCA	30 - 130 %
% Nitrobenzene-d5	85			%	1	05/28/25	KCA	30 - 130 %
% Phenol-d5	79			%	1	05/28/25	KCA	30 - 130 %
% Terphenyl-d14	60			%	1	05/28/25	KCA	30 - 130 %
Additional Semi-Volatile Compounds								
1,1-Biphenyl	ND	250	110	ug/Kg	1	05/28/25	KCA	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	1	05/28/25	KCA	SW8270E
Atrazine	ND	140	71	ug/Kg	1	05/28/25	KCA	SW8270E
Benzaldehyde	ND	250	100	ug/Kg	1	05/28/25	KCA	SW8270E
Benzo(a)pyrene	ND	250	120	ug/Kg	1	05/28/25	KCA	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	05/28/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	104			%	1	05/28/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	86			%	1	05/28/25	KCA	30 - 130 %
% 2-Fluorophenol	78			%	1	05/28/25	KCA	30 - 130 %
% Nitrobenzene-d5	85			%	1	05/28/25	KCA	30 - 130 %
% Phenol-d5	79			%	1	05/28/25	KCA	30 - 130 %
% Terphenyl-d14	60			%	1	05/28/25	KCA	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 (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.

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.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32237

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Arsenic	3.37	0.64		mg/Kg	1	05/21/25	TH	SW6010D	
Barium	40.3	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	05/21/25	TH	SW6010D	
Cadmium	< 0.32	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Chromium	12.9	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Copper	13.3	0.6		mg/kg	1	05/21/25	TH	SW6010D	
Mercury	0.06	0.03		mg/Kg	2	05/22/25	JM	SW7471B	
Manganese	168	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Nickel	10.7	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Lead	37.1	0.32		mg/Kg	1	05/21/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	05/21/25	TH	SW6010D	
Trivalent Chromium	12.9	0.32		mg/kg	1	05/28/25		CALC 6010-7196	
Zinc	46.2	0.6		mg/Kg	1	05/21/25	TH	SW6010D	
Percent Solid	92			%		05/20/25	CV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.40	0.40		mg/Kg	1	05/28/25	NP	SW7196A	
pH at 20C - Soil	8.55	1.00		pH Units	1	05/21/25 00:12	MW	SW846 9045D	
Redox Potential	247			mV	1	05/21/25	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	05/28/25	IG/GD	SW9012B	
Mercury Digestion	Completed					05/21/25	AC1/AC1	SW7471B	
Soil Extraction for Herbicide	Completed					05/27/25	P/D	SW3546	
Soil Extraction for PCB	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for Pesticides	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for SVOA	Completed					05/28/25	AC1/RB/RE	SW3546	
Total Metals Digest	Completed					05/20/25	B/AG	SW3050B	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides								
2,4,5-T	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	05/28/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	05/28/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	108			%	10	05/28/25	JRB	30 - 150 %
% DCAA (Confirmation)	100			%	10	05/28/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	05/30/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	105			%	10	05/30/25	SC	30 - 150 %
% DCBP (Confirmation)	105			%	10	05/30/25	SC	30 - 150 %
% TCMX	96			%	10	05/30/25	SC	30 - 150 %
% TCMX (Confirmation)	94			%	10	05/30/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDE	3.6	2.1		ug/Kg	2	05/30/25	AW	SW8081B
4,4' -DDT	8.4	2.1		ug/Kg	2	05/30/25	AW	SW8081B
a-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
a-Chlordane	64	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Aldrin	ND	3.6		ug/Kg	2	05/30/25	AW	SW8081B
b-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Chlordane	370	36		ug/Kg	2	05/30/25	AW	SW8081B
d-BHC	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Dieldrin	13	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	05/30/25	AW	SW8081B
g-Chlordane	43	3.6		ug/Kg	2	05/30/25	AW	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.2		ug/Kg	2	05/30/25	AW	SW8081B	
Methoxychlor	ND	36		ug/Kg	2	05/30/25	AW	SW8081B	
Toxaphene	ND	140		ug/Kg	2	05/30/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	80			%	2	05/30/25	AW	30 - 150 %	
% DCBP (Confirmation)	70			%	2	05/30/25	AW	30 - 150 %	
% TCMX	73			%	2	05/30/25	AW	30 - 150 %	
% TCMX (Confirmation)	79			%	2	05/30/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitroaniline	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
3-Nitroaniline	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Acetophenone	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Aniline	ND	360		ug/Kg	1	05/29/25	KCA	SW8270E	
Anthracene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzidine	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	05/29/25	KCA	SW8270E	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Benzoic acid	ND		710		ug/Kg	1	05/29/25	KCA	SW8270E
Benzyl butyl phthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Carbazole	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Chrysene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenz(a,h)anthracene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenzofuran	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Diethyl phthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Dimethylphthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-butylphthalate	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-octylphthalate	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Fluoranthene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Fluorene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobenzene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobutadiene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachloroethane	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Isophorone	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Naphthalene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Nitrobenzene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodimethylamine	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachloronitrobenzene	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachlorophenol	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
Phenanthrene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Phenol	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Pyrene	ND		250		ug/Kg	1	05/29/25	KCA	SW8270E
Pyridine	ND		360		ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates									
% 2,4,6-Tribromophenol	106				%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	81				%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73				%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	82				%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	82				%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	34				%	1	05/29/25	KCA	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND		250	110	ug/Kg	1	05/29/25	KCA	SW8270E
1,2,4,5-Tetrachlorobenzene	ND		250	120	ug/Kg	1	05/29/25	KCA	SW8270E
Atrazine	ND		140	71	ug/Kg	1	05/29/25	KCA	SW8270E
Benzaldehyde	ND		250	110	ug/Kg	1	05/29/25	KCA	SW8270E
Benzo(a)pyrene	150	J	250	120	ug/Kg	1	05/29/25	KCA	SW8270E
Caprolactam	ND		140	140	ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates									
% 2,4,6-Tribromophenol	106				%	1	05/29/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	81			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73			%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	82			%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	82			%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	34			%	1	05/29/25	KCA	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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 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.

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.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/25	
Location Code:	TAYLORD	Received by:	SR1	05/20/25	17:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT32230
Phoenix ID: CT32238

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.37	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Arsenic	1.51	0.74		mg/Kg	1	05/21/25	TH	SW6010D	
Barium	31.5	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Beryllium	< 0.30	0.30		mg/Kg	1	05/21/25	TH	SW6010D	
Cadmium	< 0.37	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Chromium	10.5	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Copper	25.0	0.7		mg/kg	1	05/21/25	TH	SW6010D	
Mercury	< 0.03	0.03		mg/Kg	2	05/22/25	JM	SW7471B	
Manganese	178	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Nickel	8.90	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Lead	20.0	0.37		mg/Kg	1	05/21/25	TH	SW6010D	
Selenium	< 1.5	1.5		mg/Kg	1	05/21/25	TH	SW6010D	
Trivalent Chromium	10.5	0.37		mg/kg	1	05/28/25		CALC 6010-7196	
Zinc	38.7	0.7		mg/Kg	1	05/21/25	TH	SW6010D	
Percent Solid	94			%		05/20/25	CV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.39	0.39		mg/Kg	1	05/28/25	NP	SW7196A	
pH at 20C - Soil	8.61	1.00		pH Units	1	05/21/25 00:12	MW	SW846 9045D	
Redox Potential	248			mV	1	05/21/25	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.53	0.53		mg/Kg	1	05/28/25	IG/GD	SW9012B	
Mercury Digestion	Completed					05/21/25	AC1/AC1	SW7471B	
Soil Extraction for Herbicide	Completed					05/27/25	P/D	SW3546	
Soil Extraction for PCB	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for Pesticides	Completed					05/28/25	AC1/H/U/Z	SW3546	
Soil Extraction for SVOA	Completed					05/28/25	AC1/RB/RE	SW3546	
Total Metals Digest	Completed					05/20/25	B/AG	SW3050B	

Project ID: EARTH TECH 495 WOOD ST, OCEANSIDE, NY
Client ID: ET-COMP 3

Phoenix I.D.: CT32238

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides								
2,4,5-T	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	05/28/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	05/28/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	05/28/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	05/28/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	05/28/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	112			%	10	05/28/25	JRB	30 - 150 %
% DCAA (Confirmation)	104			%	10	05/28/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1221	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1232	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1242	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1248	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1254	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1260	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1262	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
PCB-1268	ND	350		ug/Kg	10	05/30/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	87			%	10	05/30/25	SC	30 - 150 %
% DCBP (Confirmation)	99			%	10	05/30/25	SC	30 - 150 %
% TCMX	95			%	10	05/30/25	SC	30 - 150 %
% TCMX (Confirmation)	100			%	10	05/30/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	3.0		ug/Kg	2	05/29/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	05/29/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	05/29/25	AW	SW8081B
a-BHC	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
a-Chlordane	29	3.5		ug/Kg	2	05/29/25	AW	SW8081B
Aldrin	ND	3.5		ug/Kg	2	05/29/25	AW	SW8081B
b-BHC	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Chlordane	120	35		ug/Kg	2	05/29/25	AW	SW8081B
d-BHC	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	05/29/25	AW	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endrin	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	05/29/25	AW	SW8081B
g-Chlordane	19	3.5		ug/Kg	2	05/29/25	AW	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.1		ug/Kg	2	05/29/25	AW	SW8081B	
Methoxychlor	ND	35		ug/Kg	2	05/29/25	AW	SW8081B	
Toxaphene	ND	140		ug/Kg	2	05/29/25	AW	SW8081B	
QA/QC Surrogates									
% DCBP	67			%	2	05/29/25	AW	30 - 150 %	
% DCBP (Confirmation)	111			%	2	05/29/25	AW	30 - 150 %	
% TCMX	67			%	2	05/29/25	AW	30 - 150 %	
% TCMX (Confirmation)	69			%	2	05/29/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitroaniline	ND	560		ug/Kg	1	05/29/25	KCA	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Acetophenone	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Aniline	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E	
Anthracene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzidine	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Benzo(k)fluoranthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Benzoic acid	ND	690		ug/Kg	1	05/29/25	KCA	SW8270E
Benzyl butyl phthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Carbazole	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Chrysene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Fluoranthene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Fluorene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Isophorone	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Naphthalene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
Phenanthrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Phenol	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Pyrene	ND	240		ug/Kg	1	05/29/25	KCA	SW8270E
Pyridine	ND	350		ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	95			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorobiphenyl	80			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73			%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	81			%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	73			%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	30			%	1	05/29/25	KCA	30 - 130 %
Additional Semi-Volatile Compounds								
1,1-Biphenyl	ND	240	110	ug/Kg	1	05/29/25	KCA	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	05/29/25	KCA	SW8270E
Atrazine	ND	140	69	ug/Kg	1	05/29/25	KCA	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	05/29/25	KCA	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	05/29/25	KCA	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	05/29/25	KCA	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	95			%	1	05/29/25	KCA	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	80			%	1	05/29/25	KCA	30 - 130 %
% 2-Fluorophenol	73			%	1	05/29/25	KCA	30 - 130 %
% Nitrobenzene-d5	81			%	1	05/29/25	KCA	30 - 130 %
% Phenol-d5	73			%	1	05/29/25	KCA	30 - 130 %
% Terphenyl-d14	30			%	1	05/29/25	KCA	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 (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.

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.

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

NY # 11301

QA/QC Report

June 02, 2025

QA/QC Data

SDG I.D.: GCT32230

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 786245 (mg/kg), QC Sample No: CT32229 (CT32236, CT32237, CT32238)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.37	<0.37	NC	92.9						80 - 120	30	
Chromium, Hexavalent (Ins)						91.8			92.1			80 - 120	30	
Chromium, Hexavalent (Sol)						93.6			66.7			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 785379 (mg/kg), QC Sample No: CT31912 (CT32236, CT32237, CT32238)														
Mercury - Soil	BRL	0.03	0.03	0.04	NC	89.0	93.6	5.0	94.0	84.2	11.0	70 - 130	30	
Comment:														
Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 785280 (mg/kg), QC Sample No: CT32226 (CT32236, CT32237, CT32238)														
ICP Metals - Soil														
Arsenic	BRL	0.67	2.21	2.37	NC	87.0	90.5	3.9	96.1			75 - 125	30	
Barium	BRL	0.33	56.2	62.9	11.3	94.2	101	7.0	113			75 - 125	30	
Beryllium	BRL	0.27	0.34	0.40	NC	102	109	6.6	103			75 - 125	30	
Cadmium	BRL	0.33	0.46	<0.35	NC	99.1	108	8.6	102			75 - 125	30	
Chromium	BRL	0.33	14.6	14.9	2.00	102	110	7.5	105			75 - 125	30	
Copper	BRL	0.67	56.8	47.6	17.6	105	109	3.7	110			75 - 125	30	
Lead	BRL	0.33	35.0	36.5	4.20	95.1	98.3	3.3	108			75 - 125	30	
Manganese	BRL	0.33	340	323	5.10	98.6	101	2.4	126			75 - 125	30	m
Nickel	BRL	0.33	16.6	14.7	12.1	103	108	4.7	99.4			75 - 125	30	
Selenium	BRL	1.3	<1.3	<1.4	NC	80.5	83.7	3.9	83.6			75 - 125	30	
Silver	BRL	0.33	<0.33	<0.35	NC	91.7	94.4	2.9	99.5			75 - 125	30	
Zinc	BRL	0.67	384	93.0	122	98.8	102	3.2	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.

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

NY # 11301

QA/QC Report

June 02, 2025

QA/QC Data

SDG I.D.: GCT32230

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 786197 (mg/Kg), QC Sample No: CT32237 (CT32236, CT32237, CT32238)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.54	<0.54	NC	93.7	87.4	7.0	99.0			80 - 120	30
Comment:													
Additional: MS acceptance range is 75-125%.													
QA/QC Batch 785338 (PH), QC Sample No: CT32226 (CT32236, CT32237, CT32238)													
pH			8.46	8.45	0.10	100						85 - 115	20
QA/QC Batch 785339 (mV), QC Sample No: CT32226 (CT32236, CT32237, CT32238)													
Redox Potential			179	178	NC							75 - 125	30
Comment:													
Additional criteria matrix spike acceptance range is 75-125%.													

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

NY # 11301

QA/QC Report

June 02, 2025

QA/QC Data

SDG I.D.: GCT32230

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 786160 (ug/Kg), QC Sample No: CT32236 (CT32236, CT32237, CT32238)											
Chlorinated Herbicides - Soil											
2,4,5-T	ND	130	84	84	0.0	76	69	9.7	40 - 140	30	
2,4,5-TP (Silvex)	ND	130	83	84	1.2	73	67	8.6	40 - 140	30	
2,4-D	ND	250	86	88	2.3	77	71	8.1	40 - 140	30	
2,4-DB	ND	2500	70	73	4.2	63	56	11.8	40 - 140	30	
Dalapon	ND	130	70	67	4.4	55	57	3.6	40 - 140	30	
Dicamba	ND	130	81	82	1.2	69	68	1.5	40 - 140	30	
Dichloroprop	ND	130	92	90	2.2	80	75	6.5	40 - 140	30	
Dinoseb	ND	130	80	82	2.5	71	64	10.4	40 - 140	30	
% DCAA (Surrogate Rec)	102	%	114	113	0.9	102	96	6.1	30 - 150	30	
% DCAA (Surrogate Rec) (Confirm	95	%	103	104	1.0	93	87	6.7	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 786320 (ug/Kg), QC Sample No: CT32980 (CT32236, CT32237, CT32238)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	79	77	2.6	79	78	1.3	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	77	76	1.3	79	77	2.6	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	79	%	94	92	2.2	96	94	2.1	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	89	%	101	100	1.0	102	102	0.0	30 - 150	30	
% TCMX (Surrogate Rec)	70	%	85	83	2.4	87	85	2.3	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	73	%	88	87	1.1	91	88	3.4	30 - 150	30	
QA/QC Batch 786321 (ug/Kg), QC Sample No: CT32980 (CT32236, CT32237, CT32238)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	73	85	15.2	74	78	5.3	40 - 140	30	
4,4' -DDE	ND	1.7	71	81	13.2	75	75	0.0	40 - 140	30	
4,4' -DDT	ND	1.7	68	79	15.0	73	70	4.2	40 - 140	30	
a-BHC	ND	1.0	67	74	9.9	73	72	1.4	40 - 140	30	
a-Chlordane	ND	3.3	66	79	17.9	74	73	1.4	40 - 140	30	
Aldrin	ND	1.0	65	73	11.6	69	70	1.4	40 - 140	30	
b-BHC	ND	1.0	68	75	9.8	70	71	1.4	40 - 140	30	
Chlordane	ND	33	46	89	63.7	72	73	1.4	40 - 140	30	r
d-BHC	ND	3.3	60	62	3.3	61	61	0.0	40 - 140	30	
Dieldrin	ND	1.0	70	79	12.1	73	73	0.0	40 - 140	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endosulfan I	ND	3.3	58	71	20.2	67	69	2.9	40 - 140	30	
Endosulfan II	ND	3.3	70	77	9.5	73	71	2.8	40 - 140	30	
Endosulfan sulfate	ND	3.3	69	78	12.2	72	73	1.4	40 - 140	30	
Endrin	ND	3.3	75	85	12.5	80	79	1.3	40 - 140	30	
Endrin aldehyde	ND	3.3	67	78	15.2	69	69	0.0	40 - 140	30	
Endrin ketone	ND	3.3	75	89	17.1	81	82	1.2	40 - 140	30	
g-BHC	ND	1.0	71	80	11.9	74	75	1.3	40 - 140	30	
g-Chlordane	ND	3.3	46	89	63.7	72	73	1.4	40 - 140	30	r
Heptachlor	ND	3.3	63	70	10.5	63	62	1.6	40 - 140	30	
Heptachlor epoxide	ND	3.3	68	77	12.4	71	72	1.4	40 - 140	30	
Methoxychlor	ND	3.3	68	79	15.0	67	66	1.5	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	65	%	70	74	5.6	70	70	0.0	30 - 150	30	
% DCBP (Confirmation)	57	%	56	63	11.8	64	62	3.2	30 - 150	30	
% TCMX	65	%	68	74	8.5	70	72	2.8	30 - 150	30	
% TCMX (Confirmation)	65	%	66	72	8.7	74	74	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 786315 (ug/kg), QC Sample No: CT32236 (CT32236, CT32237, CT32238)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	58	63	8.3	60	68	12.5	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230	57	65	13.1	57	64	11.6	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	53	58	9.0	52	60	14.3	40 - 140	30	
1,2-Dichlorobenzene	ND	180	49	48	2.1	46	54	16.0	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	62	70	12.1	65	75	14.3	40 - 140	30	
1,3-Dichlorobenzene	ND	230	45	45	0.0	41	51	21.7	40 - 140	30	
1,4-Dichlorobenzene	ND	230	46	45	2.2	42	52	21.3	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	41	42	2.4	40	48	18.2	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	69	77	11.0	75	82	8.9	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	68	76	11.1	74	81	9.0	30 - 130	30	
2,4-Dichlorophenol	ND	130	61	71	15.2	65	70	7.4	30 - 130	30	
2,4-Dimethylphenol	ND	230	64	74	14.5	66	72	8.7	30 - 130	30	
2,4-Dinitrophenol	ND	230	76	93	20.1	47	72	42.0	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	73	89	19.8	82	91	10.4	30 - 130	30	
2,6-Dinitrotoluene	ND	130	71	81	13.2	74	83	11.5	40 - 140	30	
2-Chloronaphthalene	ND	230	60	63	4.9	61	70	13.7	40 - 140	30	
2-Chlorophenol	ND	230	57	56	1.8	57	63	10.0	30 - 130	30	
2-Methylnaphthalene	ND	230	63	72	13.3	65	72	10.2	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	71	72	1.4	70	79	12.1	40 - 140	30	
2-Nitroaniline	ND	330	96	116	18.9	108	120	10.5	40 - 140	30	
2-Nitrophenol	ND	230	59	67	12.7	62	69	10.7	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	62	67	7.8	65	72	10.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	90	106	16.3	92	101	9.3	40 - 140	30	
3-Nitroaniline	ND	330	77	88	13.3	83	92	10.3	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	74	87	16.1	64	80	22.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	63	76	18.7	66	75	12.8	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	69	84	19.6	76	82	7.6	30 - 130	30	
4-Chloroaniline	ND	230	61	73	17.9	67	74	9.9	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	66	77	15.4	72	80	10.5	40 - 140	30	
4-Nitroaniline	ND	230	71	83	15.6	79	90	13.0	40 - 140	30	
4-Nitrophenol	ND	230	78	94	18.6	89	98	9.6	30 - 130	30	

QA/QC Data

SDG I.D.: GCT32230

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acenaphthene	ND	230	54	60	10.5	57	65	13.1	30 - 130	30	
Acenaphthylene	ND	130	50	54	7.7	51	59	14.5	40 - 140	30	
Acetophenone	ND	230	56	58	3.5	57	64	11.6	40 - 140	30	
Aniline	ND	330	50	54	7.7	52	58	10.9	40 - 140	30	
Anthracene	ND	230	61	69	12.3	65	72	10.2	40 - 140	30	
Atrazine	ND	130	60	71	16.8	63	71	11.9	40 - 140	30	
Benz(a)anthracene	ND	230	60	73	19.5	68	73	7.1	40 - 140	30	
Benzaldehyde	ND	230	92	92	0.0	73	90	20.9	40 - 140	30	
Benzidine	ND	330	81	108	28.6	39	52	28.6	40 - 140	30	m
Benzo(a)pyrene	ND	130	61	71	15.2	66	75	12.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160	56	69	20.8	66	73	10.1	40 - 140	30	
Benzo(ghi)perylene	ND	230	61	74	19.3	48	50	4.1	40 - 140	30	
Benzo(k)fluoranthene	ND	230	52	63	19.1	61	72	16.5	40 - 140	30	
Benzoic Acid	ND	670	78	91	15.4	32	53	49.4	30 - 130	30	r
Benzyl butyl phthalate	ND	230	70	85	19.4	77	86	11.0	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	55	63	13.6	57	62	8.4	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	48	49	2.1	48	55	13.6	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	68	80	16.2	73	81	10.4	40 - 140	30	
Caprolactam	ND	230	60	80	28.6	62	75	19.0	40 - 140	30	
Carbazole	ND	230	67	79	16.4	71	83	15.6	40 - 140	30	
Chrysene	ND	230	63	73	14.7	65	74	12.9	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	66	78	16.7	64	68	6.1	40 - 140	30	
Dibenzofuran	ND	230	64	72	11.8	68	77	12.4	40 - 140	30	
Diethyl phthalate	ND	230	70	82	15.8	75	84	11.3	40 - 140	30	
Dimethylphthalate	ND	230	68	78	13.7	72	80	10.5	40 - 140	30	
Di-n-butylphthalate	ND	670	67	84	22.5	66	78	16.7	40 - 140	30	
Di-n-octylphthalate	ND	230	77	92	17.8	67	73	8.6	40 - 140	30	
Fluoranthene	ND	230	61	76	21.9	57	67	16.1	40 - 140	30	
Fluorene	ND	230	64	73	13.1	69	77	11.0	40 - 140	30	
Hexachlorobenzene	ND	130	65	76	15.6	70	79	12.1	40 - 140	30	
Hexachlorobutadiene	ND	230	52	56	7.4	50	58	14.8	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	41	49	17.8	37	33	11.4	40 - 140	30	m
Hexachloroethane	ND	130	49	49	0.0	44	53	18.6	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	65	80	20.7	65	68	4.5	40 - 140	30	
Isophorone	ND	130	55	65	16.7	57	62	8.4	40 - 140	30	
Naphthalene	ND	230	50	55	9.5	50	56	11.3	40 - 140	30	
Nitrobenzene	ND	130	55	56	1.8	56	64	13.3	40 - 140	30	
N-Nitrosodimethylamine	ND	230	33	34	3.0	21	24	13.3	40 - 140	30	l,m
N-Nitrosodi-n-propylamine	ND	130	60	62	3.3	60	69	14.0	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	64	74	14.5	68	76	11.1	40 - 140	30	
Pentachloronitrobenzene	ND	230	70	81	14.6	76	84	10.0	40 - 140	30	
Pentachlorophenol	ND	230	69	82	17.2	74	80	7.8	30 - 130	30	
Phenanthrene	ND	130	62	71	13.5	66	73	10.1	40 - 140	30	
Phenol	ND	230	67	68	1.5	65	74	12.9	30 - 130	30	
Pyrene	ND	230	57	69	19.0	49	62	23.4	30 - 130	30	
Pyridine	ND	230	17	26	41.9	18	20	10.5	40 - 140	30	l,m,r
% 2,4,6-Tribromophenol	96	%	77	90	15.6	85	94	10.1	30 - 130	30	
% 2-Fluorobiphenyl	82	%	62	64	3.2	62	70	12.1	30 - 130	30	
% 2-Fluorophenol	75	%	61	61	0.0	64	67	4.6	30 - 130	30	
% Nitrobenzene-d5	79	%	55	57	3.6	56	63	11.8	30 - 130	30	
% Phenol-d5	73	%	63	64	1.6	63	69	9.1	30 - 130	30	
% Terphenyl-d14	64	%	54	67	21.5	45	57	23.5	30 - 130	30	

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 785476 (ug/kg), QC Sample No: CT31941 (CT32230, CT32231, CT32232, CT32233, CT32234, CT32235)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	5.0	119	121	1.7	117	118	0.9	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	120	121	0.8	115	120	4.3	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	104	105	1.0	111	112	0.9	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	102	105	2.9	100	101	1.0	70 - 130	20	
1,1-Dichloroethane	ND	5.0	101	100	1.0	93	96	3.2	70 - 130	20	
1,1-Dichloroethene	ND	5.0	102	100	2.0	90	94	4.3	70 - 130	20	
1,1-Dichloropropene	ND	5.0	108	109	0.9	104	107	2.8	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	102	1.0	68	71	4.3	70 - 130	20	m
1,2,3-Trichloropropane	ND	5.0	106	109	2.8	109	108	0.9	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	101	102	1.0	72	75	4.1	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	104	104	0.0	105	107	1.9	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	119	122	2.5	106	113	6.4	70 - 130	20	
1,2-Dibromoethane	ND	5.0	106	107	0.9	99	102	3.0	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0	99	101	2.0	91	93	2.2	70 - 130	20	
1,2-Dichloroethane	ND	5.0	104	104	0.0	100	101	1.0	70 - 130	20	
1,2-Dichloropropane	ND	5.0	99	101	2.0	96	100	4.1	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	105	105	0.0	108	111	2.7	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	102	102	0.0	93	95	2.1	70 - 130	20	
1,3-Dichloropropane	ND	5.0	101	103	2.0	99	101	2.0	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	100	101	1.0	91	93	2.2	70 - 130	20	
1,4-dioxane	ND	100	94	99	5.2	101	93	8.2	70 - 130	20	
2,2-Dichloropropane	ND	5.0	134	130	3.0	114	117	2.6	70 - 130	20	l
2-Chlorotoluene	ND	5.0	105	106	0.9	106	110	3.7	70 - 130	20	
2-Hexanone	ND	25	97	97	0.0	85	86	1.2	70 - 130	20	
2-Isopropyltoluene	ND	5.0	105	105	0.0	107	109	1.9	70 - 130	20	
4-Chlorotoluene	ND	5.0	104	105	1.0	102	104	1.9	70 - 130	20	
4-Methyl-2-pentanone	ND	25	98	101	3.0	92	94	2.2	70 - 130	20	
Acetone	ND	10	90	89	1.1	75	80	6.5	70 - 130	20	
Acrolein	ND	25	99	98	1.0	45	50	10.5	70 - 130	20	m
Acrylonitrile	ND	5.0	93	92	1.1	66	68	3.0	70 - 130	20	m
Benzene	ND	1.0	103	103	0.0	100	101	1.0	70 - 130	20	
Bromobenzene	ND	5.0	105	105	0.0	102	106	3.8	70 - 130	20	
Bromochloromethane	ND	5.0	107	98	8.8	88	91	3.4	70 - 130	20	
Bromodichloromethane	ND	5.0	113	112	0.9	108	108	0.0	70 - 130	20	
Bromoform	ND	5.0	126	129	2.4	114	117	2.6	70 - 130	20	
Bromomethane	ND	5.0	96	96	0.0	88	89	1.1	70 - 130	20	
Carbon Disulfide	ND	5.0	106	102	3.8	86	92	6.7	70 - 130	20	
Carbon tetrachloride	ND	5.0	137	135	1.5	123	127	3.2	70 - 130	20	l
Chlorobenzene	ND	5.0	103	104	1.0	99	101	2.0	70 - 130	20	
Chloroethane	ND	5.0	98	97	1.0	89	93	4.4	70 - 130	20	
Chloroform	ND	5.0	108	107	0.9	97	100	3.0	70 - 130	20	
Chloromethane	ND	5.0	107	106	0.9	96	99	3.1	70 - 130	20	
cis-1,2-Dichloroethene	ND	5.0	95	90	5.4	83	87	4.7	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	112	114	1.8	102	104	1.9	70 - 130	20	
Dibromochloromethane	ND	3.0	121	121	0.0	115	117	1.7	70 - 130	20	
Dibromomethane	ND	5.0	102	104	1.9	95	98	3.1	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	124	119	4.1	113	120	6.0	70 - 130	20	

QA/QC Data

SDG I.D.: GCT32230

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	104	106	1.9	102	105	2.9	70 - 130	20
Hexachlorobutadiene	ND	5.0	106	105	0.9	85	90	5.7	70 - 130	20
Isopropylbenzene	ND	1.0	109	106	2.8	113	116	2.6	70 - 130	20
m&p-Xylene	ND	2.0	103	104	1.0	100	103	3.0	70 - 130	20
Methyl ethyl ketone	ND	5.0	93	92	1.1	84	85	1.2	70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	94	95	1.1	87	89	2.3	70 - 130	20
Methylacetate	ND	5.0	88	88	0.0	89	91	2.2	70 - 130	20
Methylene chloride	ND	5.0	94	93	1.1	83	87	4.7	70 - 130	20
Naphthalene	ND	5.0	108	110	1.8	74	78	5.3	70 - 130	20
n-Butylbenzene	ND	1.0	103	102	1.0	98	101	3.0	70 - 130	20
n-Propylbenzene	ND	1.0	107	108	0.9	109	112	2.7	70 - 130	20
o-Xylene	ND	2.0	103	104	1.0	101	103	2.0	70 - 130	20
p-Isopropyltoluene	ND	1.0	105	105	0.0	105	108	2.8	70 - 130	20
sec-Butylbenzene	ND	1.0	105	105	0.0	106	109	2.8	70 - 130	20
Styrene	ND	5.0	103	103	0.0	94	97	3.1	70 - 130	20
tert-butyl alcohol	ND	100	78	82	5.0	96	85	12.2	70 - 130	20
tert-Butylbenzene	ND	1.0	106	105	0.9	110	111	0.9	70 - 130	20
Tetrachloroethene	ND	5.0	109	106	2.8	105	107	1.9	70 - 130	20
Tetrahydrofuran (THF)	ND	5.0	92	96	4.3	75	75	0.0	70 - 130	20
Toluene	ND	1.0	104	105	1.0	102	102	0.0	70 - 130	20
trans-1,2-Dichloroethene	ND	5.0	102	102	0.0	89	96	7.6	70 - 130	20
trans-1,3-Dichloropropene	ND	5.0	119	121	1.7	101	103	2.0	70 - 130	20
trans-1,4-dichloro-2-butene	ND	5.0	127	130	2.3	110	113	2.7	70 - 130	20
Trichloroethene	ND	5.0	107	109	1.9	99	103	4.0	70 - 130	20
Trichlorofluoromethane	ND	5.0	120	117	2.5	110	115	4.4	70 - 130	20
Trichlorotrifluoroethane	ND	5.0	112	110	1.8	101	107	5.8	70 - 130	20
Vinyl chloride	ND	5.0	107	105	1.9	94	100	6.2	70 - 130	20
% 1,2-dichlorobenzene-d4	100	%	100	100	0.0	99	100	1.0	70 - 130	20
% Bromofluorobenzene	98	%	98	98	0.0	95	97	2.1	70 - 130	20
% Dibromofluoromethane	94	%	101	99	2.0	90	90	0.0	70 - 130	20
% Toluene-d8	97	%	100	100	0.0	100	100	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%.

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

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

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

Phyllis Shiller, Laboratory Director
June 02, 2025

Monday, June 02, 2025

Sample Criteria Exceedances Report

GCT32230 - TAYLORD

Criteria: NY: 375GWP, 375RS

State: NY

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 02, 2025 SDG I.D.: GCT32230

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

Herbicide Narration

AU-ECD2 05/27/25-1: CT32236, CT32237, CT32238

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT32236
Preceding CC 527B060 - 2,4,5-T (11) 24%H (20%)
Succeeding CC 527B072 - 2,4,5-T (11) 23%H (20%), Dinoseb 21%H (20%)
Samples: CT32237, CT32238
Preceding CC 527B072 - 2,4,5-T (11) 23%H (20%), Dinoseb 21%H (20%)
Succeeding CC 527B084 - 2,4,5-T (11) 27%H (20%), Dalapon (1) 21%H (20%), Dinoseb 24%H (20%)

PEST Narration

AU-ECD35 05/29/25-1: CT32236, CT32237

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT32236, CT32237
Preceding CC 529B044 - Endosulfan II 27%L (20%), Heptachlor 21%L (20%)
Succeeding CC 529B052 - Endosulfan II 24%L (20%), Heptachlor 23%L (20%), Methoxychlor 24%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

AU-ECD4 05/29/25-1: CT32238

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT32238
Preceding CC 529B033 - % DCBP 23%L (20%), Endosulfan II 29%L (20%)
Succeeding CC 529B047 - % DCBP 24%L (20%), % TCMX 21%L (20%), Endosulfan II 33%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

SVOA Narration

CHEM29 05/28/25-1: CT32236, CT32237, CT32238

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 0.062 (0.1), Hexachlorobenzene 0.088 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: N-Nitrosodimethylamine 37%L (20%), Pyridine 29%L (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.061 (0.1), Hexachlorobenzene 0.087 (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

CHEM26 05/20/25-1: CT32230, CT32231, CT32232, CT32233, CT32234, CT32235

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 02, 2025 SDG I.D.: GCT32230

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 24% (20%), trans-1,3-Dichloropropene 21% (20%), trans-1,4-dichloro-2-butene 28% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.191 (0.2), Acrolein 0.041 (0.05), Bromodichloromethane 0.299 (0.3), trans-1,3-Dichloropropene 0.271 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.041 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: 2,2-Dichloropropane 27%H (20%), Bromoform 24%H (20%), Carbon tetrachloride 37%H (20%), tert-butyl alcohol 21%L (20%), trans-1,4-dichloro-2-butene 24%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2-Trichloroethane 0.193 (0.2), Acrolein 0.045 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.041 (0.05)

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%.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 02, 2025

SDG I.D.: GCT32230

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)

Cooler: Yes [x] No [ ]
Coolant: IPK [ ] ICE [x] No [ ]
Temp 2.4°C Pg 2 of 2

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[x] Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 WOOD STREET
OCEANSIDE, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature]

Client Sample - Information - Identification

Date: 5/19/25

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date		PART 375/ DER 10 (VOC Only)	PART 375/ DER 10(NO VOC)										Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
32230	ET-VOC 1	S	5/19/25		X											3									
32231	ET-VOC 2	S			X											3									
32232	ET-VOC 3	S			X											3									
32233	ET-VOC 4	S			X											3									
32234	ET-VOC 5	S			X											3									
32235	ET-VOC 6	S			X											3									
32236	ET-COMP 1	S				X											1								
32237	ET-COMP 2	S				X											1								
32238	ET-COMP 3	S				X											1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-20-25	900
[signature]	[signature]	5/20/25	15:45
[signature]	[signature]	5/20/25	17:30

Comments, Special Requirements or Regulations:

Please report below the regulator standards

Turnaround:
1 Day*
2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[x] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[x] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[x] Excel
[x] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B)*
[ ] Other

State where samples were collected: NY

Note: VOC SAMPLES ARE dicrete GRAB SAMPLES, COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES

PHOENIX
Environmental Laboratories, Inc.

Monday, July 28, 2025

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

Project ID: EARTH TECH
SDG ID: GCT79173
Sample ID#s: CT79173 - CT79199

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

SDG Comments

July 28, 2025

SDG I.D.: GCT79173

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

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

NY # 11301

Sample Id Cross Reference

July 28, 2025

SDG I.D.: GCT79173

Project ID: EARTH TECH

Client Id	Lab Id	Matrix	Col Date
ET-VOC7	CT79173	SOIL	07/17/25 0:00
ET-VOC8	CT79174	SOIL	07/17/25 0:00
ET-VOC9	CT79175	SOIL	07/17/25 0:00
ET-VOC10	CT79176	SOIL	07/17/25 0:00
ET-VOC11	CT79177	SOIL	07/17/25 0:00
ET-VOC12	CT79178	SOIL	07/17/25 0:00
ET-VOC13	CT79179	SOIL	07/17/25 0:00
ET-VOC14	CT79180	SOIL	07/17/25 0:00
ET-VOC15	CT79181	SOIL	07/17/25 0:00
ET-VOC16	CT79182	SOIL	07/17/25 0:00
ET-VOC17	CT79183	SOIL	07/17/25 0:00
ET-VOC18	CT79184	SOIL	07/17/25 0:00
ET-VOC19	CT79185	SOIL	07/17/25 0:00
ET-VOC20	CT79186	SOIL	07/17/25 0:00
ET-VOC21	CT79187	SOIL	07/17/25 0:00
ET-VOC22	CT79188	SOIL	07/17/25 0:00
ET-VOC23	CT79189	SOIL	07/17/25 0:00
ET-VOC24	CT79190	SOIL	07/17/25 0:00
ET-VOC25	CT79191	SOIL	07/17/25 0:00
ET-COMP4	CT79192	SOIL	07/17/25 0:00
ET-COMP5	CT79193	SOIL	07/17/25 0:00
ET-COMP6	CT79194	SOIL	07/17/25 0:00
ET-COMP7	CT79195	SOIL	07/17/25 0:00
ET-COMP8	CT79196	SOIL	07/17/25 0:00
ET-COMP9	CT79197	SOIL	07/17/25 0:00
ET-COMP10	CT79198	SOIL	07/17/25 0:00
ET-COMP11	CT79199	SOIL	07/17/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79173

Project ID: EARTH TECH
Client ID: ET-VOC7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC7

Phoenix I.D.: CT79173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	07/21/25	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	92		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	68	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	91	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D

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
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:

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

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

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

Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79174

Project ID: EARTH TECH
Client ID: ET-VOC8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC8

Phoenix I.D.: CT79174

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	92		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC8

Phoenix I.D.: CT79174

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	92		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	77	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D

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.

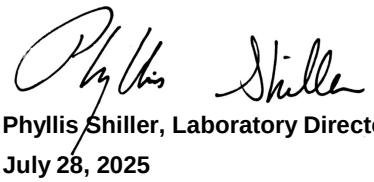
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79175

Project ID: EARTH TECH
Client ID: ET-VOC9

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC9

Phoenix I.D.: CT79175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	23	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC9

Phoenix I.D.: CT79175

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	68	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	18	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	91	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.6	ug/Kg	1	07/21/25	JLI	SW8260D

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.

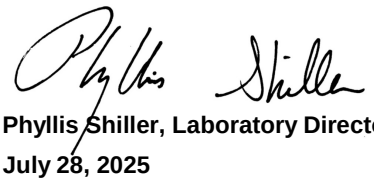
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79176

Project ID: EARTH TECH
Client ID: ET-VOC10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC10

Phoenix I.D.: CT79176

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC10

Phoenix I.D.: CT79176

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	99		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	107		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	76	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.1	ug/Kg	1	07/21/25	JLI	SW8260D

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.

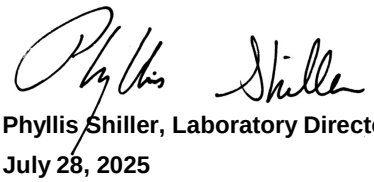
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79177

Project ID: EARTH TECH
Client ID: ET-VOC11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC11

Phoenix I.D.: CT79177

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	93		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC11

Phoenix I.D.: CT79177

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	71	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	94	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D

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.

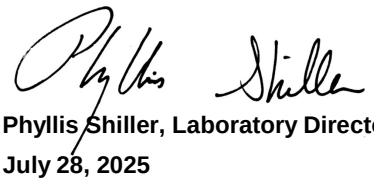
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79178

Project ID: EARTH TECH
Client ID: ET-VOC12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC12

Phoenix I.D.: CT79178

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	93		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC12

Phoenix I.D.: CT79178

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	71	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	94	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D

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.

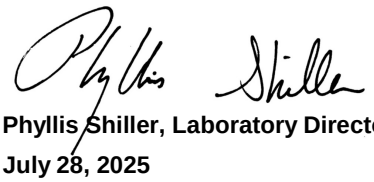
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79179

Project ID: EARTH TECH
Client ID: ET-VOC13

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC13

Phoenix I.D.: CT79179

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	24	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	94		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC13

Phoenix I.D.: CT79179

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	98		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	92		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	71	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	19	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	94	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.7	ug/Kg	1	07/21/25	JLI	SW8260D

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.

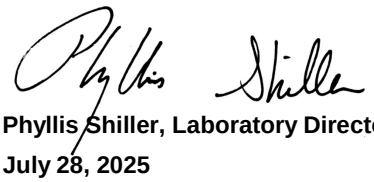
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79180

Project ID: EARTH TECH
Client ID: ET-VOC14

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC14

Phoenix I.D.: CT79180

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	8.7	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC14

Phoenix I.D.: CT79180

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	91		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	95		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	65	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	17	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	17	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	87	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	4.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

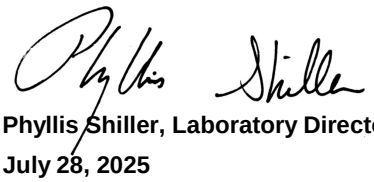
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79181

Project ID: EARTH TECH
Client ID: ET-VOC15

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC15

Phoenix I.D.: CT79181

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC15

Phoenix I.D.: CT79181

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	96		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	75	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	20	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.0	ug/Kg	1	07/21/25	JLI	SW8260D

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.

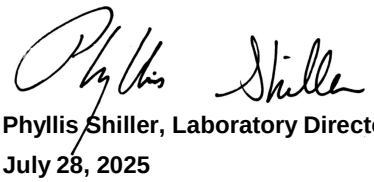
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79182

Project ID: EARTH TECH
Client ID: ET-VOC16

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC16

Phoenix I.D.: CT79182

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC16

Phoenix I.D.: CT79182

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	94		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D

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.

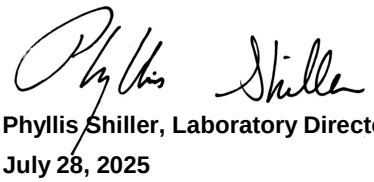
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79183

Project ID: EARTH TECH
Client ID: ET-VOC17

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC17

Phoenix I.D.: CT79183

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC17

Phoenix I.D.: CT79183

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	84	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D

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.

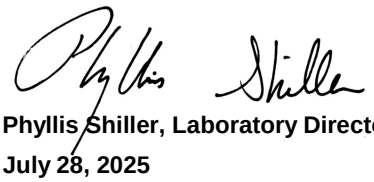
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79184

Project ID: EARTH TECH
Client ID: ET-VOC18

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC18

Phoenix I.D.: CT79184

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	26	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC18

Phoenix I.D.: CT79184

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	78	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	100	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.2	ug/Kg	1	07/21/25	JLI	SW8260D

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.

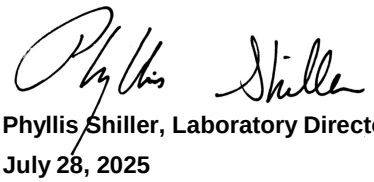
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79185

Project ID: EARTH TECH
Client ID: ET-VOC19

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC19

Phoenix I.D.: CT79185

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC19

Phoenix I.D.: CT79185

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	81	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

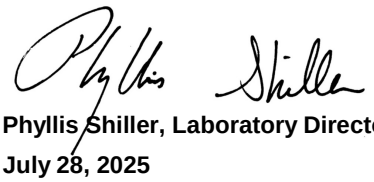
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79186

Project ID: EARTH TECH
Client ID: ET-VOC20

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC20

Phoenix I.D.: CT79186

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC20

Phoenix I.D.: CT79186

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	83	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D

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.

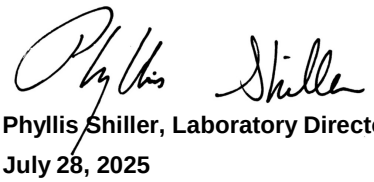
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79187

Project ID: EARTH TECH
Client ID: ET-VOC21

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC21

Phoenix I.D.: CT79187

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC21

Phoenix I.D.: CT79187

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	81	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

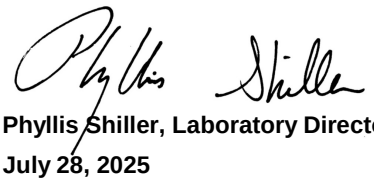
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79188

Project ID: EARTH TECH
Client ID: ET-VOC22

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC22

Phoenix I.D.: CT79188

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	28	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC22

Phoenix I.D.: CT79188

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	84	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.6	ug/Kg	1	07/21/25	JLI	SW8260D

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.

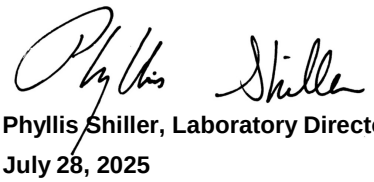
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79189

Project ID: EARTH TECH
Client ID: ET-VOC23

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC23

Phoenix I.D.: CT79189

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-VOC23

Phoenix I.D.: CT79189

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	96		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	82	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	22	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.5	ug/Kg	1	07/21/25	JLI	SW8260D

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.

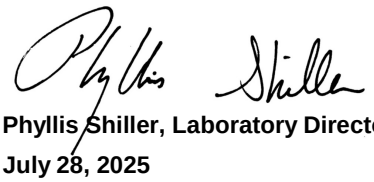
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79190

Project ID: EARTH TECH
Client ID: ET-VOC24

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC24

Phoenix I.D.: CT79190

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	27	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC24

Phoenix I.D.: CT79190

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	97		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	80	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	21	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	110	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	5.4	ug/Kg	1	07/21/25	JLI	SW8260D

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.

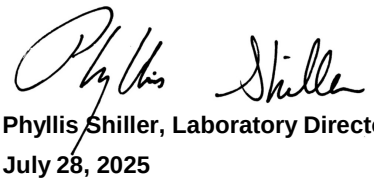
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79191

Project ID: EARTH TECH
Client ID: ET-VOC25

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				07/17/25		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,1-Trichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2,2-Tetrachloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1,2-Trichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,1-Dichloropropene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,3-Trichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2,4-Trimethylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromo-3-chloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dibromoethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,2-Dichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3,5-Trimethylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,3-Dichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
1,4-Dichlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2,2-Dichloropropane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Chlorotoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Hexanone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D	
2-Isopropyltoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D	1

Project ID: EARTH TECH
Client ID: ET-VOC25

Phoenix I.D.: CT79191

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
4-Methyl-2-pentanone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D
Acetone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Benzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromochloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromodichloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromoform	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Bromomethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon Disulfide	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Carbon tetrachloride	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chlorobenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloroform	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Chloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,2-Dichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
cis-1,3-Dichloropropene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromochloromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dibromomethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Dichlorodifluoromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Ethylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Hexachlorobutadiene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Isopropylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
m&p-Xylene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl Ethyl Ketone	ND	31	ug/Kg	1	07/21/25	JLI	SW8260D
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Methylene chloride	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Naphthalene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Butylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
n-Propylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
o-Xylene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
p-Isopropyltoluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
sec-Butylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Styrene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
tert-Butylbenzene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrachloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Toluene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Total Xylenes	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,2-Dichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,3-Dichloropropene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	07/21/25	JLI	SW8260D
Trichloroethene	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorofluoromethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Trichlorotrifluoroethane	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Vinyl chloride	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	07/21/25	JLI	70 - 130 %

Project ID: EARTH TECH
Client ID: ET-VOC25

Phoenix I.D.: CT79191

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	97		%	1	07/21/25	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	07/21/25	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/21/25	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	92	ug/kg	1	07/21/25	JLI	SW8260D
Volatiles							
1,1,1,2-Tetrachloroethane	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Acrolein	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D
Acrylonitrile	ND	25	ug/Kg	1	07/21/25	JLI	SW8260D
Tert-butyl alcohol	ND	120	ug/Kg	1	07/21/25	JLI	SW8260D
Methylacetate	ND	6.2	ug/Kg	1	07/21/25	JLI	SW8260D

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.

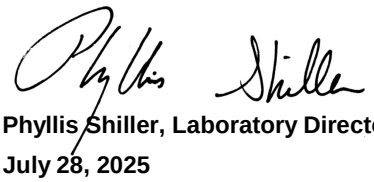
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

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

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

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



Phyllis Shiller, Laboratory Director

July 28, 2025

Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79192

Project ID: EARTH TECH
Client ID: ET-COMP4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Arsenic	3.74	0.64		mg/Kg	1	07/19/25	CPP	SW6010D	
Barium	34.0	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Beryllium	0.35	0.26		mg/Kg	1	07/19/25	CPP	SW6010D	
Cadmium	< 0.32	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Chromium	15.3	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Copper	11.4	0.6		mg/kg	1	07/19/25	CPP	SW6010D	
Mercury	< 0.14	0.14		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	596	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Nickel	11.8	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Lead	11.8	0.32		mg/Kg	1	07/19/25	CPP	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/19/25	CPP	SW6010D	
Trivalent Chromium	15.3	0.32		mg/kg	1	07/19/25		CALC 6010-7196	
Zinc	30.3	0.6		mg/Kg	1	07/19/25	CPP	SW6010D	
Percent Solid	92			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.40	0.40		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	7.73	1.00		pH Units	1	07/18/25 00:41	KG	SW846 9045D	
Redox Potential	106			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/17/25	C/Z	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG/BF	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	140		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	98			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	107			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	105			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	117			%	10	07/23/25	SC	30 - 150 %
% TCMX	117			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	104			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.2		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	ND	8.0		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	10		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	58	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	ND	8.0		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	7.2		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	70			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	99			%	2	07/23/25	AW	30 - 150 %	
% TCMX	69			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	83			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acetophenone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Aniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
Anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzoic acid	ND	710		ug/Kg	1	07/17/25	MR	SW8270E	
Benzyl butyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Carbazole	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Chrysene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenzofuran	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Diethyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dimethylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-butylphthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-octylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluorene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobutadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachloroethane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Isophorone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Naphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Nitrobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodimethylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachloronitrobenzene	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachlorophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Phenanthrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Phenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyridine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	83			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/17/25	MR	30 - 130 %
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/17/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/17/25	MR	SW8270E
Atrazine	ND	140	71	ug/Kg	1	07/17/25	MR	SW8270E
Benzaldehyde	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
Benzo(a)pyrene	ND	250	120	ug/Kg	1	07/17/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	83			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/17/25	MR	30 - 130 %

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP4

Phoenix I.D.: CT79192

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/17/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

Ver 1

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79193

Project ID: EARTH TECH
Client ID: ET-COMP5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Arsenic	3.91	0.70		mg/Kg	1	07/19/25	CPP	SW6010D	
Barium	29.7	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Beryllium	0.36	0.28		mg/Kg	1	07/19/25	CPP	SW6010D	
Cadmium	< 0.35	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Chromium	27.9	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Copper	10.1	0.7		mg/kg	1	07/19/25	CPP	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	372	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Nickel	15.0	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Lead	8.84	0.35		mg/Kg	1	07/19/25	CPP	SW6010D	
Selenium	< 1.4	1.4		mg/Kg	1	07/19/25	CPP	SW6010D	
Trivalent Chromium	27.9	0.35		mg/kg	1	07/19/25		CALC 6010-7196	
Zinc	23.3	0.7		mg/Kg	1	07/19/25	CPP	SW6010D	
Percent Solid	93			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.39	0.39		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.18	1.00		pH Units	1	07/18/25 00:42	KG	SW846 9045D	
Redox Potential	119			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/17/25	C/Z	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG/BF	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	89			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	99			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	360		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	124			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	103			%	10	07/23/25	SC	30 - 150 %
% TCMX	100			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	95			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	3.6		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	10	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	36		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP5

Phoenix I.D.: CT79193

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	65			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	98			%	2	07/23/25	AW	30 - 150 %	
% TCMX	66			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	80			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dichlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dimethylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chloronaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Chlorophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylnaphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
2-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
3-Nitroaniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chloroaniline	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitroaniline	ND	570		ug/Kg	1	07/17/25	MR	SW8270E	
4-Nitrophenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acenaphthylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Acetophenone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Aniline	ND	360		ug/Kg	1	07/17/25	MR	SW8270E	
Anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benz(a)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzidine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(a)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(ghi)perylene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	
Benzoic acid	ND	720		ug/Kg	1	07/17/25	MR	SW8270E	
Benzyl butyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E	

Project ID: EARTH TECH
Client ID: ET-COMP5

Phoenix I.D.: CT79193

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Carbazole	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Chrysene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dibenzofuran	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Diethyl phthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Dimethylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-butylphthalate	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Di-n-octylphthalate	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluoranthene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Fluorene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorobutadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Hexachloroethane	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Isophorone	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Naphthalene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Nitrobenzene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodimethylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachloronitrobenzene	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Pentachlorophenol	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
Phenanthrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Phenol	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyrene	ND	250		ug/Kg	1	07/17/25	MR	SW8270E
Pyridine	ND	360		ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	81			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/17/25	MR	30 - 130 %
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	66			%	1	07/17/25	MR	30 - 130 %
Additional Semi-Volatile Compounds								
1,1-Biphenyl	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	07/17/25	MR	SW8270E
Atrazine	ND	140	72	ug/Kg	1	07/17/25	MR	SW8270E
Benzaldehyde	ND	250	110	ug/Kg	1	07/17/25	MR	SW8270E
Benzo(a)pyrene	ND	250	120	ug/Kg	1	07/17/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/17/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	81			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	07/17/25	MR	30 - 130 %
% 2-Fluorophenol	60			%	1	07/17/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/17/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP5

Phoenix I.D.: CT79193

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	64			%	1	07/17/25	MR	30 - 130 %
% Terphenyl-d14	66			%	1	07/17/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79194

Project ID: EARTH TECH
Client ID: ET-COMP6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	2.48	0.71		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	38.5	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.28	0.28		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.35	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	12.3	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	11.2	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	174	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	12.3	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	18.1	0.35		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.4	1.4		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	12.3	0.35		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	30.4	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	93			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.38	0.38		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	9.05	1.00		pH Units	1	07/18/25 00:42	KG	SW846 9045D	
Redox Potential	216			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/17/25	C/Z	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP6

Phoenix I.D.: CT79194

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2700		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	270		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	97			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	109			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1221	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1232	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1242	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1248	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1254	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1260	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1262	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1268	ND	350		ug/Kg	10	07/24/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	119			%	10	07/24/25	SC	30 - 150 %
% DCBP (Confirmation)	93			%	10	07/24/25	SC	30 - 150 %
% TCMX	99			%	10	07/24/25	SC	30 - 150 %
% TCMX (Confirmation)	93			%	10	07/24/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	20	3.5		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	3.5		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	90	35		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	ND	3.5		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	14	3.5		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	7.0		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	35		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP6

Phoenix I.D.: CT79194

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	77			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	103			%	2	07/23/25	AW	30 - 150 %	
% TCMX	73			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	85			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
4-Nitroaniline	ND	560		ug/Kg	1	07/18/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Aniline	ND	350		ug/Kg	1	07/18/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	
Benzoic acid	ND	700		ug/Kg	1	07/18/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Carbazole	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/18/25	MR	SW8270E
Pyridine	ND	350		ug/Kg	1	07/18/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	69			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorophenol	54			%	1	07/18/25	MR	30 - 130 %
% Nitrobenzene-d5	57			%	1	07/18/25	MR	30 - 130 %
% Phenol-d5	59			%	1	07/18/25	MR	30 - 130 %
% Terphenyl-d14	65			%	1	07/18/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	110	ug/Kg	1	07/18/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/18/25	MR	SW8270E
Atrazine	ND	140	70	ug/Kg	1	07/18/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/18/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/18/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/18/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	69			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/18/25	MR	30 - 130 %
% 2-Fluorophenol	54			%	1	07/18/25	MR	30 - 130 %
% Nitrobenzene-d5	57			%	1	07/18/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP6

Phoenix I.D.: CT79194

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	59			%	1	07/18/25	MR	30 - 130 %
% Terphenyl-d14	65			%	1	07/18/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79195

Project ID: EARTH TECH
Client ID: ET-COMP7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	1.06	0.65		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	12.0	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	3.56	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.4	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	244	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.32	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	4.46	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	3.56	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	8.7	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	96			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.36	0.36		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.20	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	207			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP7

Phoenix I.D.: CT79195

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	93			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	103			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	114			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	111			%	10	07/23/25	SC	30 - 150 %
% TCMX	97			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	100			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.9		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP7

Phoenix I.D.: CT79195

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	98			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	88			%	2	07/24/25	AW	30 - 150 %	
% TCMX	78			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	85			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	690		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	53			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	59			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	69	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	54			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	50			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	62			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP7

Phoenix I.D.: CT79195

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	53			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	59			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79196

Project ID: EARTH TECH
Client ID: ET-COMP8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.69	0.67		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.6	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.27	0.27		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	3.76	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.0	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	199	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.24	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	3.70	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	3.76	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	8.3	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	97			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.38	0.38		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.10	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	207			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP8

Phoenix I.D.: CT79196

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	250		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2500		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	250		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	250		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	84			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	97			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	97			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	100			%	10	07/23/25	SC	30 - 150 %
% TCMX	80			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	81			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.3		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.7		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	130		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP8

Phoenix I.D.: CT79196

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	103			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	86			%	2	07/24/25	AW	30 - 150 %	
% TCMX	75			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	76			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	540		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	680		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	66			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	68	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	67			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	61			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP8

Phoenix I.D.: CT79196

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	66			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	67			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79197

Project ID: EARTH TECH
Client ID: ET-COMP9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.32	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.72	0.64		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.6	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.32	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	2.91	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.4	0.6		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	253	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.25	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	3.45	0.32		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	2.91	0.32		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	7.1	0.6		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	96			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.35	0.35		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	8.07	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	206			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP9

Phoenix I.D.: CT79197

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	88			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	97			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	108			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	104			%	10	07/23/25	SC	30 - 150 %
% TCMX	99			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	98			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP9

Phoenix I.D.: CT79197

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	87			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	83			%	2	07/24/25	AW	30 - 150 %	
% TCMX	78			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	88			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	680		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	54			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	59			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	57			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	68	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	74			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	59			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	54			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP9

Phoenix I.D.: CT79197

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	59			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	57			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79198

Project ID: EARTH TECH
Client ID: ET-COMP10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.76	0.65		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.7	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	4.17	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.1	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	230	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.11	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	3.30	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	4.17	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	7.6	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	96			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.36	0.36		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	7.96	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	210			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.52	0.52		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP10

Phoenix I.D.: CT79198

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	90			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	101			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/24/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	115			%	10	07/24/25	SC	30 - 150 %
% DCBP (Confirmation)	105			%	10	07/24/25	SC	30 - 150 %
% TCMX	95			%	10	07/24/25	SC	30 - 150 %
% TCMX (Confirmation)	97			%	10	07/24/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDE	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
4,4' -DDT	ND	2.0		ug/Kg	2	07/24/25	AW	SW8081B
a-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
a-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
b-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
d-BHC	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan I	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan II	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endosulfan sulfate	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin aldehyde	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Endrin ketone	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/24/25	AW	SW8081B
g-Chlordane	ND	3.4		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Heptachlor epoxide	ND	6.8		ug/Kg	2	07/24/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/24/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/24/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP10

Phoenix I.D.: CT79198

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	73			%	2	07/24/25	AW	30 - 150 %	
% DCBP (Confirmation)	110			%	2	07/24/25	AW	30 - 150 %	
% TCMX	74			%	2	07/24/25	AW	30 - 150 %	
% TCMX (Confirmation)	88			%	2	07/24/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	540		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	340		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	680		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	340		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	75			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	55			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	62			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	60			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	68	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	75			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	62			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	55			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP10

Phoenix I.D.: CT79198

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	62			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	60			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 28, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/17/25	
Location Code:	TAYLORD	Received by:	SW	07/17/25	16:25
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT79173
Phoenix ID: CT79199

Project ID: EARTH TECH
Client ID: ET-COMP11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Arsenic	0.94	0.66		mg/Kg	1	07/18/25	TH	SW6010D	
Barium	10.7	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Beryllium	< 0.26	0.26		mg/Kg	1	07/18/25	TH	SW6010D	
Cadmium	< 0.33	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Chromium	4.17	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Copper	3.0	0.7		mg/kg	1	07/18/25	TH	SW6010D	
Mercury	< 0.13	0.13		mg/Kg	1	07/21/25	aj1/zt	SW7473	
Manganese	139	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Nickel	4.04	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Lead	4.61	0.33		mg/Kg	1	07/18/25	TH	SW6010D	
Selenium	< 1.3	1.3		mg/Kg	1	07/18/25	TH	SW6010D	
Trivalent Chromium	4.17	0.33		mg/kg	1	07/18/25		CALC 6010-7196	
Zinc	8.6	0.7		mg/Kg	1	07/18/25	TH	SW6010D	
Percent Solid	95			%		07/17/25	CBV	SW846-%Solid	
Chromium, Hex. (SW3060A digestion	< 0.40	0.40		mg/Kg	1	07/18/25	NP	SW7196A	
pH at 23C - Soil	7.89	1.00		pH Units	1	07/18/25 00:43	KG	SW846 9045D	
Redox Potential	216			mV	1	07/18/25	KG	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.53	0.53		mg/Kg	1	07/24/25	A/GD	SW9012B	
Soil Extraction for Herbicide	Completed					07/17/25	X/D	SW3546	
Soil Extraction for PCB	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for Pesticides	Completed					07/22/25	DS/DS	SW3546	
Soil Extraction for SVOA	Completed					07/22/25	Z/S/U	SW3546	
Total Metals Digest	Completed					07/17/25	N/AG	SW3050B	
Chlorinated Herbicides									
2,4,5-T	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A	

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP11

Phoenix I.D.: CT79199

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-D	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
2,4-DB	ND	2600		ug/Kg	10	07/21/25	JRB	SW8151A
Dalapon	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dicamba	ND	130		ug/Kg	10	07/21/25	JRB	SW8151A
Dichloroprop	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
Dinoseb	ND	260		ug/Kg	10	07/21/25	JRB	SW8151A
QA/QC Surrogates								
% DCAA	85			%	10	07/21/25	JRB	30 - 150 %
% DCAA (Confirmation)	94			%	10	07/21/25	JRB	30 - 150 %
Polychlorinated Biphenyls								
PCB-1016	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1221	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1232	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1242	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1248	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1254	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1260	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1262	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
PCB-1268	ND	340		ug/Kg	10	07/23/25	SC	SW8082A
QA/QC Surrogates								
% DCBP	114			%	10	07/23/25	SC	30 - 150 %
% DCBP (Confirmation)	107			%	10	07/23/25	SC	30 - 150 %
% TCMX	98			%	10	07/23/25	SC	30 - 150 %
% TCMX (Confirmation)	98			%	10	07/23/25	SC	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	07/23/25	AW	SW8081B
a-BHC	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
a-Chlordane	6.2	3.4		ug/Kg	2	07/23/25	AW	SW8081B
Aldrin	ND	3.4		ug/Kg	2	07/23/25	AW	SW8081B
b-BHC	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Chlordane	ND	34		ug/Kg	2	07/23/25	AW	SW8081B
d-BHC	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Dieldrin	ND	3.4		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan I	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan II	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endosulfan sulfate	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endrin	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endrin aldehyde	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Endrin ketone	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
g-BHC	ND	1.4		ug/Kg	2	07/23/25	AW	SW8081B
g-Chlordane	6.0	3.4		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Heptachlor epoxide	ND	6.9		ug/Kg	2	07/23/25	AW	SW8081B
Methoxychlor	ND	34		ug/Kg	2	07/23/25	AW	SW8081B
Toxaphene	ND	140		ug/Kg	2	07/23/25	AW	SW8081B

Project ID: EARTH TECH
Client ID: ET-COMP11

Phoenix I.D.: CT79199

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates									
% DCBP	86			%	2	07/23/25	AW	30 - 150 %	
% DCBP (Confirmation)	78			%	2	07/23/25	AW	30 - 150 %	
% TCMX	54			%	2	07/23/25	AW	30 - 150 %	
% TCMX (Confirmation)	81			%	2	07/23/25	AW	30 - 150 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2,4-Trichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,2-Diphenylhydrazine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
1,3-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
1,4-Dichlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	1
2,4,5-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4,6-Trichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dichlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dimethylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2,4-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2,6-Dinitrotoluene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chloronaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Chlorophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylnaphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Methylphenol (o-cresol)	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
2-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3&4-Methylphenol (m&p-cresol)	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
3-Nitroaniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4,6-Dinitro-2-methylphenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloro-3-methylphenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chloroaniline	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitroaniline	ND	550		ug/Kg	1	07/22/25	MR	SW8270E	
4-Nitrophenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acenaphthylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Acetophenone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Aniline	ND	350		ug/Kg	1	07/22/25	MR	SW8270E	
Anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benz(a)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzidine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(a)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(b)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(ghi)perylene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzo(k)fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	
Benzoic acid	ND	690		ug/Kg	1	07/22/25	MR	SW8270E	
Benzyl butyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethoxy)methane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-chloroethyl)ether	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Bis(2-ethylhexyl)phthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Carbazole	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Chrysene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenz(a,h)anthracene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dibenzofuran	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Diethyl phthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Dimethylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-butylphthalate	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Di-n-octylphthalate	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluoranthene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Fluorene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorobutadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachlorocyclopentadiene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Hexachloroethane	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Isophorone	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Naphthalene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Nitrobenzene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodimethylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodi-n-propylamine	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
N-Nitrosodiphenylamine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachloronitrobenzene	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Pentachlorophenol	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
Phenanthrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Phenol	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyrene	ND	240		ug/Kg	1	07/22/25	MR	SW8270E
Pyridine	ND	350		ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	70			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	07/22/25	MR	30 - 130 %
% Phenol-d5	70			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	73			%	1	07/22/25	MR	30 - 130 %

Additional Semi-Volatile Compounds

1,1-Biphenyl	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	07/22/25	MR	SW8270E
Atrazine	ND	140	69	ug/Kg	1	07/22/25	MR	SW8270E
Benzaldehyde	ND	240	100	ug/Kg	1	07/22/25	MR	SW8270E
Benzo(a)pyrene	ND	240	110	ug/Kg	1	07/22/25	MR	SW8270E
Caprolactam	ND	140	140	ug/Kg	1	07/22/25	MR	SW8270E
QA/QC Surrogates								
% 2,4,6-Tribromophenol	92			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorobiphenyl	71			%	1	07/22/25	MR	30 - 130 %
% 2-Fluorophenol	70			%	1	07/22/25	MR	30 - 130 %
% Nitrobenzene-d5	65			%	1	07/22/25	MR	30 - 130 %

Project ID: EARTH TECH
Client ID: ET-COMP11

Phoenix I.D.: CT79199

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	70			%	1	07/22/25	MR	30 - 130 %
% Terphenyl-d14	73			%	1	07/22/25	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 (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.

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.

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
July 28, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 28, 2025

QA/QC Data

SDG I.D.: GCT79173

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 794125 (mg/kg), QC Sample No: CT79195 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.36	<0.36	NC	90.1						80 - 120	30	
Chromium, Hexavalent (Ins)						93.4			94.6			80 - 120	30	
Chromium, Hexavalent (Sol)						93.0			87.7			80 - 120	30	
Comment:														
Additional Hexavalent Chromium criteria: MS acceptance range is 75-125%.														
QA/QC Batch 794493 (mg/kg), QC Sample No: CT77322 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)														
Mercury - Soil	BRL	0.13	<0.14	<0.14	NC	100			105			70 - 130	30	
Comment:														
Additional Mercury Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range is 75-125% for aqueous and 80-120% for soils.														
QA/QC Batch 794034 (mg/kg), QC Sample No: CT78910 (CT79192, CT79193)														
ICP Metals - Soil														
Arsenic	BRL	0.67	3.75	3.96	5.40	101	86.4	15.6	91.9			75 - 125	30	
Barium	BRL	0.33	157	155	1.30	105	91.2	14.1	98.7			75 - 125	30	
Beryllium	BRL	0.27	0.80	0.73	NC	104	89.4	15.1	98.6			75 - 125	30	
Cadmium	BRL	0.33	0.41	<0.37	NC	107	90.4	16.8	97.6			75 - 125	30	
Chromium	BRL	0.33	59.8	49.3	19.2	108	92.8	15.1	98.7			75 - 125	30	
Copper	BRL	0.67	35.4	28.5	21.6	107	93.8	13.1	97.0			75 - 125	30	
Lead	BRL	0.33	22.3	21.3	4.60	109	93.6	15.2	96.7			75 - 125	30	
Manganese	BRL	0.33	494	457	7.80	110	91.7	18.1	88.8			75 - 125	30	
Nickel	BRL	0.33	24.5	22.1	10.3	106	92.3	13.8	99.0			75 - 125	30	
Selenium	BRL	1.3	<1.3	<1.5	NC	87.7	75.4	15.1	78.8			75 - 125	30	
Silver	BRL	0.33	<0.33	<0.37	NC	106	91.2	15.0	96.8			75 - 125	30	
Zinc	BRL	0.67	81.6	69.1	16.6	104	91.3	13.0	87.4			75 - 125	30	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% for aqueous and for soils the acceptance range is set by vendor limits. MS acceptance range 75-125%.														
QA/QC Batch 794046 (mg/kg), QC Sample No: CT79194 (CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)														
ICP Metals - Soil														
Arsenic	BRL	0.67	2.48	2.02	NC	79.0	85.9	8.4	82.2			75 - 125	30	
Barium	BRL	0.33	38.5	39.6	2.80	82.4	100	19.3	89.9			75 - 125	30	
Beryllium	BRL	0.27	<0.28	<0.29	NC	86.7	101	15.2	90.3			75 - 125	30	
Cadmium	BRL	0.33	<0.35	<0.36	NC	82.6	96.0	15.0	83.0			75 - 125	30	
Chromium	BRL	0.33	12.3	14.2	14.3	89.3	98.0	9.3	93.6			75 - 125	30	
Copper	BRL	0.67	11.2	13.5	18.6	90.7	101	10.7	98.5			75 - 125	30	
Lead	BRL	0.33	18.1	18.3	1.10	88.4	93.2	5.3	85.5			75 - 125	30	
Manganese	BRL	0.33	174	194	10.9	86.8	92.6	6.5	110			75 - 125	30	
Nickel	BRL	0.33	12.3	17.5	34.9	88.1	102	14.6	90.0			75 - 125	30	r

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Selenium	BRL	1.3	<1.4	<1.4	NC	75.5	79.9	5.7	75.2			75 - 125	30
Silver	BRL	0.33	<0.35	<0.36	NC	87.9	95.2	8.0	93.2			75 - 125	30
Zinc	BRL	0.67	30.4	33.2	8.80	86.2	97.2	12.0	87.1			75 - 125	30

Comment:

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

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

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

NY # 11301

QA/QC Report

July 28, 2025

QA/QC Data

SDG I.D.: GCT79173

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 794785 (mg/Kg), QC Sample No: CT78527 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.59	<0.59	NC	93.5	86.2	8.1	96.5			80 - 120	30
Comment: Additional: MS acceptance range is 75-125%.													
QA/QC Batch 794105 (PH), QC Sample No: CT78486 (CT79192)													
pH			8.10	8.10	0	100						85 - 115	20
QA/QC Batch 794106 (PH), QC Sample No: CT79193 (CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)													
pH			8.18	8.14	0.50	100						85 - 115	20
QA/QC Batch 794107 (mV), QC Sample No: CT79193 (CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)													
Redox Potential			119	121	NC							75 - 125	30
Comment: Additional criteria matrix spike acceptance range is 75-125%.													

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

NY # 11301

QA/QC Report

July 28, 2025

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 794093 (ug/Kg), QC Sample No: CT79746 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	130	69	72	4.3	75	73	2.7	40 - 140	30
2,4,5-TP (Silvex)	ND	130	75	77	2.6	79	75	5.2	40 - 140	30
2,4-D	ND	250	70	73	4.2	74	75	1.3	40 - 140	30
2,4-DB	ND	2500	69	69	0.0	72	74	2.7	40 - 140	30
Dalapon	ND	130	55	61	10.3	43	39	9.8	40 - 140	30
Dicamba	ND	130	65	70	7.4	72	70	2.8	40 - 140	30
Dichloroprop	ND	130	79	83	4.9	74	72	2.7	40 - 140	30
Dinoseb	ND	130	67	70	4.4	75	75	0.0	40 - 140	30
% DCAA (Surrogate Rec)	95	%	98	100	2.0	98	99	1.0	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	93	%	93	95	2.1	95	97	2.1	30 - 150	30

Comment:

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

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 794607 (ug/Kg), QC Sample No: CT78852 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	93	94	1.1	91	90	1.1	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	95	111	15.5	85	84	1.2	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	88	%	100	129	25.3	103	98	5.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	82	%	95	121	24.1	111	110	0.9	30 - 150	30
% TCMX (Surrogate Rec)	77	%	84	101	18.4	101	101	0.0	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	75	%	85	90	5.7	92	91	1.1	30 - 150	30
QA/QC Batch 794608 (ug/Kg), QC Sample No: CT78852 (CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	85	84	1.2	80	74	7.8	40 - 140	30
4,4' -DDE	ND	1.7	82	84	2.4	93	92	1.1	40 - 140	30
4,4' -DDT	ND	1.7	86	88	2.3	73	69	5.6	40 - 140	30
a-BHC	ND	1.0	78	80	2.5	72	64	11.8	40 - 140	30
a-Chlordane	ND	3.3	88	93	5.5	75	74	1.3	40 - 140	30
Aldrin	ND	1.0	77	79	2.6	70	66	5.9	40 - 140	30
b-BHC	ND	1.0	93	93	0.0	69	69	0.0	40 - 140	30
Chlordane	ND	33	93	99	6.3	76	71	6.8	40 - 140	30

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
d-BHC	ND	3.3	67	68	1.5	56	51	9.3	40 - 140	30	
Dieldrin	ND	1.0	87	89	2.3	78	77	1.3	40 - 140	30	
Endosulfan I	ND	3.3	82	81	1.2	74	66	11.4	40 - 140	30	
Endosulfan II	ND	3.3	93	96	3.2	78	75	3.9	40 - 140	30	
Endosulfan sulfate	ND	3.3	94	95	1.1	104	95	9.0	40 - 140	30	
Endrin	ND	3.3	93	94	1.1	79	76	3.9	40 - 140	30	
Endrin aldehyde	ND	3.3	84	87	3.5	61	59	3.3	40 - 140	30	
Endrin ketone	ND	3.3	98	100	2.0	89	90	1.1	40 - 140	30	
g-BHC	ND	1.0	79	81	2.5	74	72	2.7	40 - 140	30	
g-Chlordane	ND	3.3	93	99	6.3	76	71	6.8	40 - 140	30	
Heptachlor	ND	3.3	74	75	1.3	70	66	5.9	40 - 140	30	
Heptachlor epoxide	ND	3.3	78	79	1.3	69	65	6.0	40 - 140	30	
Methoxychlor	ND	3.3	89	89	0.0	81	75	7.7	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	86	%	88	87	1.1	80	84	4.9	30 - 150	30	
% DCBP (Confirmation)	83	%	83	81	2.4	88	92	4.4	30 - 150	30	
% TCMX	70	%	72	72	0.0	69	68	1.5	30 - 150	30	
% TCMX (Confirmation)	75	%	77	76	1.3	81	77	5.1	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 794027 (ug/kg), QC Sample No: CT78868 (CT79192, CT79193, CT79194)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	57	53	7.3	50	48	4.1	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230	59	57	3.4	53	49	7.8	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	58	55	5.3	53	51	3.8	40 - 140	30	
1,2-Dichlorobenzene	ND	180	51	50	2.0	49	48	2.1	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	58	53	9.0	50	49	2.0	40 - 140	30	
1,3-Dichlorobenzene	ND	230	49	48	2.1	45	45	0.0	40 - 140	30	
1,4-Dichlorobenzene	ND	230	49	48	2.1	46	45	2.2	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	35	36	2.8	34	34	0.0	40 - 140	30	l,m
2,4,5-Trichlorophenol	ND	230	66	60	9.5	59	57	3.4	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	67	60	11.0	60	58	3.4	30 - 130	30	
2,4-Dichlorophenol	ND	130	67	69	2.9	67	64	4.6	30 - 130	30	
2,4-Dimethylphenol	ND	230	68	68	0.0	65	63	3.1	30 - 130	30	
2,4-Dinitrophenol	ND	230	62	59	5.0	44	30	37.8	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	70	64	9.0	63	61	3.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130	66	62	6.3	59	60	1.7	40 - 140	30	
2-Chloronaphthalene	ND	230	59	55	7.0	51	50	2.0	40 - 140	30	
2-Chlorophenol	ND	230	60	63	4.9	61	59	3.3	30 - 130	30	
2-Methylnaphthalene	ND	230	68	66	3.0	64	62	3.2	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	61	67	9.4	64	62	3.2	40 - 140	30	
2-Nitroaniline	ND	330	87	80	8.4	89	90	1.1	40 - 140	30	
2-Nitrophenol	ND	230	64	63	1.6	63	61	3.2	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	60	67	11.0	64	62	3.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	74	66	11.4	68	67	1.5	40 - 140	30	
3-Nitroaniline	ND	330	75	69	8.3	72	72	0.0	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	76	71	6.8	60	48	22.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	65	58	11.4	52	49	5.9	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	71	70	1.4	69	66	4.4	30 - 130	30	
4-Chloroaniline	ND	230	61	59	3.3	60	57	5.1	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	62	57	8.4	53	52	1.9	40 - 140	30	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Nitroaniline	ND	230	63	60	4.9	59	58	1.7	40 - 140	30	
4-Nitrophenol	ND	230	75	71	5.5	74	76	2.7	30 - 130	30	
Acenaphthene	ND	230	60	55	8.7	53	51	3.8	30 - 130	30	
Acenaphthylene	ND	130	56	52	7.4	51	50	2.0	40 - 140	30	
Acetophenone	ND	230	54	57	5.4	55	53	3.7	40 - 140	30	
Aniline	ND	330	68	86	23.4	32	38	17.1	40 - 140	30	m
Anthracene	ND	230	66	60	9.5	56	52	7.4	40 - 140	30	
Atrazine	ND	130	53	48	9.9	50	51	2.0	40 - 140	30	
Benz(a)anthracene	ND	230	65	60	8.0	47	43	8.9	40 - 140	30	
Benzaldehyde	ND	230	104	108	3.8	102	94	8.2	40 - 140	30	
Benzidine	ND	330	<10	<10	NC	34	37	8.5	40 - 140	30	l,m
Benzo(a)pyrene	ND	130	66	60	9.5	48	44	8.7	40 - 140	30	
Benzo(b)fluoranthene	ND	160	65	59	9.7	47	43	8.9	40 - 140	30	
Benzo(ghi)perylene	ND	230	65	59	9.7	41	34	18.7	40 - 140	30	m
Benzo(k)fluoranthene	ND	230	64	58	9.8	50	51	2.0	40 - 140	30	
Benzoic Acid	ND	670	91	94	3.2	51	44	14.7	30 - 130	30	
Benzyl butyl phthalate	ND	230	57	54	5.4	52	50	3.9	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	52	53	1.9	52	50	3.9	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	51	53	3.8	47	44	6.6	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	62	56	10.2	51	48	6.1	40 - 140	30	
Caprolactam	ND	230	64	64	0.0	68	64	6.1	40 - 140	30	
Carbazole	ND	230	64	58	9.8	58	57	1.7	40 - 140	30	
Chrysene	ND	230	65	59	9.7	46	43	6.7	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	71	66	7.3	49	44	10.8	40 - 140	30	
Dibenzofuran	ND	230	62	57	8.4	54	53	1.9	40 - 140	30	
Diethyl phthalate	ND	230	66	62	6.3	62	60	3.3	40 - 140	30	
Dimethylphthalate	ND	230	64	60	6.5	60	60	0.0	40 - 140	30	
Di-n-butylphthalate	ND	670	68	63	7.6	60	58	3.4	40 - 140	30	
Di-n-octylphthalate	ND	230	63	59	6.6	57	55	3.6	40 - 140	30	
Fluoranthene	ND	230	68	61	10.9	46	48	4.3	40 - 140	30	
Fluorene	ND	230	64	59	8.1	58	56	3.5	40 - 140	30	
Hexachlorobenzene	ND	130	67	59	12.7	48	42	13.3	40 - 140	30	
Hexachlorobutadiene	ND	230	56	51	9.3	50	48	4.1	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	34	33	3.0	15	<10	NC	40 - 140	30	l,m
Hexachloroethane	ND	130	48	47	2.1	46	45	2.2	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	68	62	9.2	45	38	16.9	40 - 140	30	m
Isophorone	ND	130	52	53	1.9	50	48	4.1	40 - 140	30	
Naphthalene	ND	230	65	64	1.6	62	59	5.0	40 - 140	30	
Nitrobenzene	ND	130	52	56	7.4	54	53	1.9	40 - 140	30	
N-Nitrosodimethylamine	ND	230	44	52	16.7	29	27	7.1	40 - 140	30	m
N-Nitrosodi-n-propylamine	ND	130	52	56	7.4	54	52	3.8	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	62	57	8.4	57	56	1.8	40 - 140	30	
Pentachloronitrobenzene	ND	230	66	59	11.2	52	47	10.1	40 - 140	30	
Pentachlorophenol	ND	230	72	65	10.2	58	54	7.1	30 - 130	30	
Phenanthrene	ND	130	65	59	9.7	50	47	6.2	40 - 140	30	
Phenol	ND	230	63	68	7.6	66	63	4.7	30 - 130	30	
Pyrene	ND	230	66	60	9.5	48	48	0.0	30 - 130	30	
Pyridine	ND	230	36	41	13.0	25	22	12.8	40 - 140	30	l,m
% 2,4,6-Tribromophenol	80	%	72	64	11.8	59	59	0.0	30 - 130	30	
% 2-Fluorobiphenyl	59	%	57	52	9.2	50	48	4.1	30 - 130	30	
% 2-Fluorophenol	62	%	55	58	5.3	54	51	5.7	30 - 130	30	
% Nitrobenzene-d5	58	%	52	54	3.8	54	53	1.9	30 - 130	30	
% Phenol-d5	62	%	58	62	6.7	59	56	5.2	30 - 130	30	

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Terphenyl-d14	72	%		63	55	13.6	57	55	3.6	30 - 130	30	

Comment:

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

QA/QC Batch 794654 (ug/kg), QC Sample No: CT79195 (CT79195, CT79196, CT79197, CT79198, CT79199)

Semivolatiles - Soil

1,1-Biphenyl	ND	230		43	51	17.0	52	50	3.9	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230		50	57	13.1	58	51	12.8	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230		47	55	15.7	58	48	18.9	40 - 140	30	
1,2-Dichlorobenzene	ND	180		41	47	13.6	50	41	19.8	40 - 140	30	
1,2-Diphenylhydrazine	ND	230		53	61	14.0	63	62	1.6	40 - 140	30	
1,3-Dichlorobenzene	ND	230		39	45	14.3	48	39	20.7	40 - 140	30	l,m
1,4-Dichlorobenzene	ND	230		39	46	16.5	49	39	22.7	40 - 140	30	l,m
2,2'-Oxybis(1-Chloropropane)	ND	230		42	48	13.3	51	41	21.7	40 - 140	30	
2,4,5-Trichlorophenol	ND	230		54	63	15.4	62	62	0.0	40 - 140	30	
2,4,6-Trichlorophenol	ND	130		56	64	13.3	63	63	0.0	30 - 130	30	
2,4-Dichlorophenol	ND	130		54	62	13.8	65	59	9.7	30 - 130	30	
2,4-Dimethylphenol	ND	230		59	67	12.7	61	56	8.5	30 - 130	30	
2,4-Dinitrophenol	ND	230		52	62	17.5	59	62	5.0	30 - 130	30	
2,4-Dinitrotoluene	ND	130		53	63	17.2	62	64	3.2	30 - 130	30	
2,6-Dinitrotoluene	ND	130		54	63	15.4	65	65	0.0	40 - 140	30	
2-Chloronaphthalene	ND	230		47	56	17.5	57	53	7.3	40 - 140	30	
2-Chlorophenol	ND	230		48	54	11.8	56	48	15.4	30 - 130	30	
2-Methylnaphthalene	ND	230		54	62	13.8	65	58	11.4	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230		55	63	13.6	63	55	13.6	40 - 140	30	
2-Nitroaniline	ND	330		90	105	15.4	103	113	9.3	40 - 140	30	
2-Nitrophenol	ND	230		55	64	15.1	66	58	12.9	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230		50	57	13.1	59	53	10.7	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130		63	71	11.9	67	73	8.6	40 - 140	30	
3-Nitroaniline	ND	330		61	72	16.5	73	74	1.4	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230		63	74	16.1	71	76	6.8	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230		48	55	13.6	59	60	1.7	40 - 140	30	
4-Chloro-3-methylphenol	ND	230		63	72	13.3	75	72	4.1	30 - 130	30	
4-Chloroaniline	ND	230		58	65	11.4	68	63	7.6	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230		49	57	15.1	56	56	0.0	40 - 140	30	
4-Nitroaniline	ND	230		61	69	12.3	70	71	1.4	40 - 140	30	
4-Nitrophenol	ND	230		64	71	10.4	69	72	4.3	30 - 130	30	
Acenaphthene	ND	230		47	56	17.5	58	57	1.7	30 - 130	30	
Acenaphthylene	ND	130		41	49	17.8	50	48	4.1	40 - 140	30	
Acetophenone	ND	230		52	58	10.9	61	51	17.9	40 - 140	30	
Aniline	ND	330		38	45	16.9	45	41	9.3	40 - 140	30	l
Anthracene	ND	230		50	58	14.8	59	61	3.3	40 - 140	30	
Atrazine	ND	130		43	52	18.9	54	57	5.4	40 - 140	30	
Benz(a)anthracene	ND	230		52	61	15.9	63	65	3.1	40 - 140	30	
Benzaldehyde	ND	230		89	98	9.6	105	85	21.1	40 - 140	30	
Benzidine	ND	330		<10	<10	NC	<10	<10	NC	40 - 140	30	l,m
Benzo(a)pyrene	ND	130		48	58	18.9	57	61	6.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160		50	60	18.2	60	64	6.5	40 - 140	30	
Benzo(ghi)perylene	ND	230		43	47	8.9	46	51	10.3	40 - 140	30	
Benzo(k)fluoranthene	ND	230		50	60	18.2	57	61	6.8	40 - 140	30	
Benzoic Acid	ND	670		74	86	15.0	63	67	6.2	30 - 130	30	
Benzyl butyl phthalate	ND	230		59	71	18.5	69	71	2.9	40 - 140	30	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bis(2-chloroethoxy)methane	ND	230	51	58	12.8	62	54	13.8	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	47	54	13.9	57	46	21.4	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	60	71	16.8	69	72	4.3	40 - 140	30	
Caprolactam	ND	230	59	69	15.6	69	69	0.0	40 - 140	30	
Carbazole	ND	230	49	57	15.1	58	62	6.7	40 - 140	30	
Chrysene	ND	230	55	65	16.7	65	68	4.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	41	46	11.5	45	49	8.5	40 - 140	30	
Dibenzofuran	ND	230	50	58	14.8	58	58	0.0	40 - 140	30	
Diethyl phthalate	ND	230	53	62	15.7	64	66	3.1	40 - 140	30	
Dimethylphthalate	ND	230	52	61	15.9	61	63	3.2	40 - 140	30	
Di-n-butylphthalate	ND	670	53	60	12.4	62	67	7.8	40 - 140	30	
Di-n-octylphthalate	ND	230	61	73	17.9	71	75	5.5	40 - 140	30	
Fluoranthene	ND	230	50	57	13.1	60	64	6.5	40 - 140	30	
Fluorene	ND	230	52	61	15.9	61	61	0.0	40 - 140	30	
Hexachlorobenzene	ND	130	48	56	15.4	58	62	6.7	40 - 140	30	
Hexachlorobutadiene	ND	230	46	53	14.1	58	47	21.0	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	31	36	14.9	43	36	17.7	40 - 140	30	l,m
Hexachloroethane	ND	130	43	50	15.1	53	42	23.2	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	43	47	8.9	46	52	12.2	40 - 140	30	
Isophorone	ND	130	49	57	15.1	59	52	12.6	40 - 140	30	
Naphthalene	ND	230	47	55	15.7	57	48	17.1	40 - 140	30	
Nitrobenzene	ND	130	49	55	11.5	58	49	16.8	40 - 140	30	
N-Nitrosodimethylamine	ND	230	49	51	4.0	54	40	29.8	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	52	59	12.6	62	53	15.7	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	49	57	15.1	57	60	5.1	40 - 140	30	
Pentachloronitrobenzene	ND	230	51	58	12.8	61	63	3.2	40 - 140	30	
Pentachlorophenol	ND	230	60	71	16.8	66	71	7.3	30 - 130	30	
Phenanthrene	ND	130	51	59	14.5	60	63	4.9	40 - 140	30	
Phenol	ND	230	51	55	7.5	58	51	12.8	30 - 130	30	
Pyrene	ND	230	50	57	13.1	60	63	4.9	30 - 130	30	
Pyridine	ND	230	41	38	7.6	45	31	36.8	40 - 140	30	l,m,r
% 2,4,6-Tribromophenol	89	%	57	64	11.6	63	64	1.6	30 - 130	30	
% 2-Fluorobiphenyl	63	%	45	52	14.4	54	49	9.7	30 - 130	30	
% 2-Fluorophenol	60	%	49	54	9.7	56	45	21.8	30 - 130	30	
% Nitrobenzene-d5	71	%	51	56	9.3	60	49	20.2	30 - 130	30	
% Phenol-d5	62	%	49	53	7.8	57	48	17.1	30 - 130	30	
% Terphenyl-d14	69	%	51	57	11.1	57	60	5.1	30 - 130	30	

Comment:

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

QA/QC Batch 794606 (ug/kg), QC Sample No: CT79862 (CT79180, CT79181, CT79182, CT79183, CT79184, CT79185, CT79186, CT79187, CT79188, CT79189, CT79190, CT79191)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	104	101	2.9				70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	92	92	0.0				70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	102	103	1.0				70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	95	96	1.0				70 - 130	20	
1,1-Dichloroethane	ND	5.0	90	91	1.1				70 - 130	20	
1,1-Dichloroethene	ND	5.0	87	88	1.1				70 - 130	20	
1,1-Dichloropropene	ND	5.0	90	91	1.1				70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	101	0.0				70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	97	102	5.0				70 - 130	20	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2,4-Trichlorobenzene	ND	5.0	102	101	1.0				70 - 130	20
1,2,4-Trimethylbenzene	ND	1.0	98	98	0.0				70 - 130	20
1,2-Dibromo-3-chloropropane	ND	5.0	106	111	4.6				70 - 130	20
1,2-Dibromoethane	ND	5.0	101	102	1.0				70 - 130	20
1,2-Dichlorobenzene	ND	5.0	98	99	1.0				70 - 130	20
1,2-Dichloroethane	ND	5.0	86	86	0.0				70 - 130	20
1,2-Dichloropropane	ND	5.0	97	98	1.0				70 - 130	20
1,3,5-Trimethylbenzene	ND	1.0	97	97	0.0				70 - 130	20
1,3-Dichlorobenzene	ND	5.0	98	98	0.0				70 - 130	20
1,3-Dichloropropane	ND	5.0	96	96	0.0				70 - 130	20
1,4-Dichlorobenzene	ND	5.0	98	97	1.0				70 - 130	20
1,4-dioxane	ND	100	97	94	3.1				70 - 130	20
2,2-Dichloropropane	ND	5.0	107	106	0.9				70 - 130	20
2-Chlorotoluene	ND	5.0	99	101	2.0				70 - 130	20
2-Hexanone	ND	25	99	99	0.0				70 - 130	20
2-Isopropyltoluene	ND	5.0	101	101	0.0				70 - 130	20
4-Chlorotoluene	ND	5.0	101	100	1.0				70 - 130	20
4-Methyl-2-pentanone	ND	25	96	100	4.1				70 - 130	20
Acetone	ND	10	81	83	2.4				70 - 130	20
Acrolein	ND	25	94	94	0.0				70 - 130	20
Acrylonitrile	ND	5.0	91	95	4.3				70 - 130	20
Benzene	ND	1.0	94	95	1.1				70 - 130	20
Bromobenzene	ND	5.0	96	98	2.1				70 - 130	20
Bromochloromethane	ND	5.0	97	98	1.0				70 - 130	20
Bromodichloromethane	ND	5.0	94	95	1.1				70 - 130	20
Bromoform	ND	5.0	100	101	1.0				70 - 130	20
Bromomethane	ND	5.0	83	86	3.6				70 - 130	20
Carbon Disulfide	ND	5.0	89	89	0.0				70 - 130	20
Carbon tetrachloride	ND	5.0	91	94	3.2				70 - 130	20
Chlorobenzene	ND	5.0	99	99	0.0				70 - 130	20
Chloroethane	ND	5.0	88	89	1.1				70 - 130	20
Chloroform	ND	5.0	90	92	2.2				70 - 130	20
Chloromethane	ND	5.0	96	96	0.0				70 - 130	20
cis-1,2-Dichloroethene	ND	5.0	96	97	1.0				70 - 130	20
cis-1,3-Dichloropropene	ND	5.0	101	102	1.0				70 - 130	20
Dibromochloromethane	ND	3.0	101	101	0.0				70 - 130	20
Dibromomethane	ND	5.0	93	95	2.1				70 - 130	20
Dichlorodifluoromethane	ND	5.0	80	79	1.3				70 - 130	20
Ethylbenzene	ND	1.0	100	98	2.0				70 - 130	20
Hexachlorobutadiene	ND	5.0	96	96	0.0				70 - 130	20
Isopropylbenzene	ND	1.0	98	101	3.0				70 - 130	20
m&p-Xylene	ND	2.0	98	98	0.0				70 - 130	20
Methyl ethyl ketone	ND	5.0	95	93	2.1				70 - 130	20
Methyl t-butyl ether (MTBE)	ND	1.0	86	88	2.3				70 - 130	20
Methylacetate	ND	5.0	88	89	1.1				70 - 130	20
Methylene chloride	ND	5.0	85	86	1.2				70 - 130	20
Naphthalene	ND	5.0	103	104	1.0				70 - 130	20
n-Butylbenzene	ND	1.0	99	99	0.0				70 - 130	20
n-Propylbenzene	ND	1.0	101	102	1.0				70 - 130	20
o-Xylene	ND	2.0	98	99	1.0				70 - 130	20
p-Isopropyltoluene	ND	1.0	100	100	0.0				70 - 130	20
sec-Butylbenzene	ND	1.0	98	99	1.0				70 - 130	20
Styrene	ND	5.0	99	100	1.0				70 - 130	20

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
tert-butyl alcohol	ND	100	92	94	2.2				70 - 130	20	
tert-Butylbenzene	ND	1.0	99	99	0.0				70 - 130	20	
Tetrachloroethene	ND	5.0	91	92	1.1				70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	93	95	2.1				70 - 130	20	
Toluene	ND	1.0	95	96	1.0				70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	91	90	1.1				70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	104	107	2.8				70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	122	125	2.4				70 - 130	20	
Trichloroethene	ND	5.0	94	96	2.1				70 - 130	20	
Trichlorofluoromethane	ND	5.0	83	84	1.2				70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	89	88	1.1				70 - 130	20	
Vinyl chloride	ND	5.0	91	91	0.0				70 - 130	20	
% 1,2-dichlorobenzene-d4	97	%	98	99	1.0				70 - 130	20	
% Bromofluorobenzene	96	%	97	96	1.0				70 - 130	20	
% Dibromofluoromethane	95	%	99	96	3.1				70 - 130	20	
% Toluene-d8	95	%	99	100	1.0				70 - 130	20	

Comment:

The 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%.

QA/QC Batch 794587 (ug/kg), QC Sample No: CT80209 (CT79173, CT79174, CT79175, CT79176, CT79177, CT79178, CT79179)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	101	106	4.8	100	107	6.8	70 - 130	20	
1,1,1-Trichloroethane	ND	5.0	100	100	0.0	104	108	3.8	70 - 130	20	
1,1,2,2-Tetrachloroethane	ND	3.0	100	103	3.0	98	106	7.8	70 - 130	20	
1,1,2-Trichloroethane	ND	5.0	98	102	4.0	100	108	7.7	70 - 130	20	
1,1-Dichloroethane	ND	5.0	100	98	2.0	102	105	2.9	70 - 130	20	
1,1-Dichloroethene	ND	5.0	102	101	1.0	103	107	3.8	70 - 130	20	
1,1-Dichloropropene	ND	5.0	99	105	5.9	103	108	4.7	70 - 130	20	
1,2,3-Trichlorobenzene	ND	5.0	101	105	3.9	76	78	2.6	70 - 130	20	
1,2,3-Trichloropropane	ND	5.0	97	101	4.0	102	111	8.5	70 - 130	20	
1,2,4-Trichlorobenzene	ND	5.0	99	102	3.0	78	82	5.0	70 - 130	20	
1,2,4-Trimethylbenzene	ND	1.0	98	103	5.0	93	100	7.3	70 - 130	20	
1,2-Dibromo-3-chloropropane	ND	5.0	105	112	6.5	106	115	8.1	70 - 130	20	
1,2-Dibromoethane	ND	5.0	100	101	1.0	99	104	4.9	70 - 130	20	
1,2-Dichlorobenzene	ND	5.0	100	106	5.8	93	98	5.2	70 - 130	20	
1,2-Dichloroethane	ND	5.0	101	104	2.9	103	110	6.6	70 - 130	20	
1,2-Dichloropropane	ND	5.0	99	102	3.0	104	108	3.8	70 - 130	20	
1,3,5-Trimethylbenzene	ND	1.0	97	103	6.0	93	100	7.3	70 - 130	20	
1,3-Dichlorobenzene	ND	5.0	98	103	5.0	89	97	8.6	70 - 130	20	
1,3-Dichloropropane	ND	5.0	98	100	2.0	99	105	5.9	70 - 130	20	
1,4-Dichlorobenzene	ND	5.0	100	105	4.9	93	98	5.2	70 - 130	20	
1,4-dioxane	ND	100	93	98	5.2	103	113	9.3	70 - 130	20	
2,2-Dichloropropane	ND	5.0	104	106	1.9	102	105	2.9	70 - 130	20	
2-Chlorotoluene	ND	5.0	99	104	4.9	95	102	7.1	70 - 130	20	
2-Hexanone	ND	25	94	96	2.1	88	91	3.4	70 - 130	20	
2-Isopropyltoluene	ND	5.0	100	107	6.8	93	100	7.3	70 - 130	20	
4-Chlorotoluene	ND	5.0	98	103	5.0	92	100	8.3	70 - 130	20	
4-Methyl-2-pentanone	ND	25	106	108	1.9	105	112	6.5	70 - 130	20	
Acetone	ND	10	104	98	5.9	108	107	0.9	70 - 130	20	
Acrolein	ND	25	104	102	1.9	48	45	6.5	70 - 130	20	m
Acrylonitrile	ND	5.0	102	98	4.0	103	106	2.9	70 - 130	20	

QA/QC Data

SDG I.D.: GCT79173

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzene	ND	1.0	97	101	4.0	102	106	3.8	70 - 130	20	
Bromobenzene	ND	5.0	100	105	4.9	99	107	7.8	70 - 130	20	
Bromochloromethane	ND	5.0	99	96	3.1	101	100	1.0	70 - 130	20	
Bromodichloromethane	ND	5.0	104	110	5.6	108	112	3.6	70 - 130	20	
Bromoform	ND	5.0	101	105	3.9	101	105	3.9	70 - 130	20	
Bromomethane	ND	5.0	98	96	2.1	96	98	2.1	70 - 130	20	
Carbon Disulfide	ND	5.0	98	98	0.0	98	101	3.0	70 - 130	20	
Carbon tetrachloride	ND	5.0	104	104	0.0	104	110	5.6	70 - 130	20	
Chlorobenzene	ND	5.0	96	101	5.1	97	103	6.0	70 - 130	20	
Chloroethane	ND	5.0	105	105	0.0	104	111	6.5	70 - 130	20	
Chloroform	ND	5.0	98	96	2.1	100	103	3.0	70 - 130	20	
Chloromethane	ND	5.0	101	98	3.0	100	103	3.0	70 - 130	20	
cis-1,2-Dichloroethene	ND	5.0	99	99	0.0	102	104	1.9	70 - 130	20	
cis-1,3-Dichloropropene	ND	5.0	104	109	4.7	103	107	3.8	70 - 130	20	
Dibromochloromethane	ND	3.0	102	106	3.8	103	108	4.7	70 - 130	20	
Dibromomethane	ND	5.0	103	107	3.8	106	113	6.4	70 - 130	20	
Dichlorodifluoromethane	ND	5.0	99	100	1.0	93	94	1.1	70 - 130	20	
Ethylbenzene	ND	1.0	96	102	6.1	97	102	5.0	70 - 130	20	
Hexachlorobutadiene	ND	5.0	102	110	7.5	68	67	1.5	70 - 130	20	m
Isopropylbenzene	ND	1.0	100	104	3.9	97	104	7.0	70 - 130	20	
m&p-Xylene	ND	2.0	94	100	6.2	94	100	6.2	70 - 130	20	
Methyl ethyl ketone	ND	5.0	103	102	1.0	104	105	1.0	70 - 130	20	
Methyl t-butyl ether (MTBE)	ND	1.0	104	101	2.9	103	104	1.0	70 - 130	20	
Methylacetate	ND	5.0	99	102	3.0	127	124	2.4	70 - 130	20	
Methylene chloride	ND	5.0	97	94	3.1	98	99	1.0	70 - 130	20	
Naphthalene	ND	5.0	103	108	4.7	88	94	6.6	70 - 130	20	
n-Butylbenzene	ND	1.0	104	111	6.5	87	91	4.5	70 - 130	20	
n-Propylbenzene	ND	1.0	100	106	5.8	97	102	5.0	70 - 130	20	
o-Xylene	ND	2.0	97	101	4.0	96	100	4.1	70 - 130	20	
p-Isopropyltoluene	ND	1.0	100	106	5.8	90	95	5.4	70 - 130	20	
sec-Butylbenzene	ND	1.0	97	103	6.0	88	94	6.6	70 - 130	20	
Styrene	ND	5.0	94	98	4.2	91	96	5.3	70 - 130	20	
tert-butyl alcohol	ND	100	93	97	4.2	99	106	6.8	70 - 130	20	
tert-Butylbenzene	ND	1.0	99	105	5.9	93	101	8.2	70 - 130	20	
Tetrachloroethene	ND	5.0	105	109	3.7	101	107	5.8	70 - 130	20	
Tetrahydrofuran (THF)	ND	5.0	100	96	4.1	99	104	4.9	70 - 130	20	
Toluene	ND	1.0	100	105	4.9	105	109	3.7	70 - 130	20	
trans-1,2-Dichloroethene	ND	5.0	103	100	3.0	105	108	2.8	70 - 130	20	
trans-1,3-Dichloropropene	ND	5.0	105	109	3.7	104	110	5.6	70 - 130	20	
trans-1,4-dichloro-2-butene	ND	5.0	111	115	3.5	104	115	10.0	70 - 130	20	
Trichloroethene	ND	5.0	98	103	5.0	105	108	2.8	70 - 130	20	
Trichlorofluoromethane	ND	5.0	105	105	0.0	108	112	3.6	70 - 130	20	
Trichlorotrifluoroethane	ND	5.0	102	101	1.0	100	103	3.0	70 - 130	20	
Vinyl chloride	ND	5.0	101	100	1.0	102	106	3.8	70 - 130	20	
% 1,2-dichlorobenzene-d4	93	%	102	104	1.9	103	104	1.0	70 - 130	20	
% Bromofluorobenzene	100	%	97	99	2.0	98	98	0.0	70 - 130	20	
% Dibromofluoromethane	103	%	104	100	3.9	98	99	1.0	70 - 130	20	
% Toluene-d8	92	%	102	104	1.9	103	102	1.0	70 - 130	20	

Comment:

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

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.: GCT79173

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

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

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

Phyllis Shiller, Laboratory Director
July 28, 2025

Monday, July 28, 2025

Criteria: NY: 375GWP, 375RS

State: NY

Sample Criteria Exceedances Report

GCT79173 - TAYLORD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT79192	$PESTSM_NY	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	58	3.6	39	39	ug/Kg

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 28, 2025 SDG I.D.: GCT79173

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

Herbicide Narration

AU-ECD12 07/21/25-1: CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT79192, CT79193, CT79194, CT79195, CT79196, CT79197, CT79198, CT79199
Preceding CC 721B015 - None.
Succeeding CC 721B027 - Dichloroprop (7) 24%L (20%)

PCB Narration

AU-ECD91 07/23/25-1: CT79193, CT79194, CT79198

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT79193
Preceding CC 723B006 - None.
Succeeding CC 723B019 - PCB 1016 23%L (%)

PEST Narration

AU-ECD33 07/23/25-1: CT79199

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CT79199
Preceding CC 723B031 - % TCMX 23%L (20%)
Succeeding CC 723B042 - % TCMX 22%L (20%)

SVOA Narration

CHEM07 07/17/25-2: CT79192, CT79193, CT79194

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: % 2,4,6-Tribromophenol 0.035 (0.05), 2-Nitrophenol 0.046 (0.1), Bis(2-chloroethyl)ether 0.596 (0.7), Hexachlorobenzene 0.064 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: % 2,4,6-Tribromophenol 0.035 (0.05), 2-Nitrophenol 0.046 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: 2,4-Dinitrotoluene 24%H (20%), 2-Nitrophenol 35%H (20%), 4-Chloroaniline 31%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: % 2,4,6-Tribromophenol 0.040 (0.05), 2-Nitrophenol 0.062 (0.1), Bis(2-chloroethyl)ether 0.583 (0.7), Hexachlorobenzene 0.076 (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%.

CHEM29 07/22/25-2: CT79195

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 28, 2025 SDG I.D.: GCT79173

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), Hexachlorobenzene 0.083 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 4-Chloroaniline 21%H (20%), Dibenz(a,h)anthracene 27%L (20%), Indeno(1,2,3-cd)pyrene 22%L (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.080 (0.1), Hexachlorobenzene 0.086 (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%.

CHEM36 07/22/25-2: CT79196, CT79197, CT79198, CT79199
The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.085 (0.1), Hexachlorobenzene 0.089 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 2-Nitroaniline 27%L (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.087 (0.1), Hexachlorobenzene 0.096 (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 07/21/25-1: CT79173, CT79174, CT79175, CT79176, CT79177, CT79178, CT79179
The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 21% (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%.

CHEM26 07/21/25-1: CT79180, CT79181, CT79182, CT79183, CT79184, CT79185, CT79186, CT79187, CT79188, CT79189, CT79190, CT79191

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 28, 2025 SDG I.D.: GCT79173

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 23% (20%), trans-1,4-dichloro-2-butene 29% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: trans-1,3-Dichloropropene 0.297 (0.3)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Acetone 21%L (20%), Dichlorodifluoromethane 23%L (20%), trans-1,4-dichloro-2-butene 21%H (20%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: Bromodichloromethane 0.287 (0.3)
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%.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 28, 2025

SDG I.D.: GCT79173

The samples in this delivery group were received at 2.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.5 °C Pg 1 of 2

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[x] Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 WOOD STREET
OCEANSIDE, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature]

Client Sample - Information - Identification

Date: 7/17/25

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date	Analysis Request: PART 375/ DER 10 (VOC Only)	PART 375/ DER 10(NO VOC)	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79173	ET-VOC7	S	7/17/25	X		3									
79174	ET-VOC 8	S		X		3									
79175	ET-VOC 9	S		X		3									
79176	ET-VOC 10	S		X		3									
79177	ET-VOC 11	S		X		3									
79178	ET-VOC12	S		X		3									
79179	ET-VOC 13	S		x		3									
79180	ET-VOC 14	S		x		3									
79181	ET-VOC 15	S		x		3									
79182	ET-VOC 16	S		x		3									
79183	ET-VOC 17	S		x		3									
79184	ET-VOC 18	S		x		3									
79185	ET-VOC 19	S		x		3									
79186	ET-VOC 20	S		x		3									

Relinquished by:	Accepted by:	Date:	Time:
[signature] Aaron	[signature]	7/17/25	2:00
		7/17/25	1625

Comments, Special Requirements or Regulations:

Please report below the regulator standards

Continuation of 5-19-25 Sampling for 10,000CY - DER10 Frequency

Note: VOC SAMPLES ARE dicrete GRAB SAMPLES, COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES

Turnaround:
1 Day*
2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
*SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[x] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[x] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[x] Excel
[x] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

State where samples were collected: NY

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 2.5 °C Pg 2 of 2

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[X] Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 WOOD STREET
OCEANSIDE, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature

Client Sample - Information - Identification

Date: 7/17/25

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date	Analysis Request: PART 375/ DER 10 (VOC Only)	PART 375/ DER 10(NO VOC)	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
79187	ET-VOC21	S	7/17/25	X		3									
79188	ET-VOC 22	S		X		3									
79189	ET-VOC 23	S		X		3									
79190	ET-VOC 24	S		X		3									
79191	ET-VOC 25	S		X		3									
79192	ET-COMP4	S			X		1								
79193	ET-COMP5	S			X		1								
79194	ET-COMP6	S			X		1								
79195	ET-COMP7	S			X		1								
79196	ET-COMP8	S			X		1								
79197	ET-COMP9	S			X		1								
79198	ET-COMP10	S			X		1								
79199	ET-COMP11	S			X		1								

Relinquished by:	Accepted by:	Date:	Time:
AP	AD	7/17/25	2:00
Aaron Bear		7/17/25	1625

Comments, Special Requirements or Regulations:

Please report below the regulator standards

Continuation of 5-19-25 Sampling for 10,000CY - DER10 Frequency

Note: VOC SAMPLES ARE dicrete GRAB SAMPLES, COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES

Turnaround:
1 Day*
2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
*SURCHARGE APPLIES

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] GW Criteria

NY
[X] NY 375 GWP
[ ] NY375 Unrestricted Use Soil
[X] NY375 Residential
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

Data Format
[ ] Phoenix Std Report
[X] Excel
[X] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B)*
[ ] Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, September 02, 2025

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

Project ID: EARTH TECH
SDG ID: GCT91269
Sample ID#s: CT91269 - CT91279

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

Sample Id Cross Reference

September 02, 2025

SDG I.D.: GCT91269

Project ID: EARTH TECH

Client Id	Lab Id	Matrix	Col Date
ET-COMP 2	CT91269	SOIL	08/04/25 0:00
ET-COMP 3	CT91270	SOIL	08/04/25 0:00
FIELD BLANK	CT91271	WATER	08/04/25 0:00
ET-COMP 4	CT91272	SOIL	08/04/25 0:00
ET-COMP 5	CT91273	SOIL	08/04/25 0:00
ET-COMP 6	CT91274	SOIL	08/04/25 0:00
ET-COMP 7	CT91275	SOIL	08/04/25 0:00
ET-COMP 8	CT91276	SOIL	08/04/25 0:00
ET-COMP 9	CT91277	SOIL	08/04/25 0:00
ET-COMP 10	CT91278	SOIL	08/04/25 0:00
ET-COMP 11	CT91279	SOIL	08/04/25 0:00

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91269

Project ID: EARTH TECH
Client ID: ET-COMP 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	92.1		0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.819	0.238	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.832	0.173	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.813	0.238	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.824	0.195	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND		1.08	0.347	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND		5.42	0.791	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND		5.42	1.02	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND		0.811	0.293	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND		0.819	0.282	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND		0.867	0.249	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND		0.217	0.0976	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND		0.542	0.542	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND		2.17	0.499	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND		0.434	0.423	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND		0.217	0.141	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND		0.217	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND		2.17	0.791	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.209	0.0650	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.217	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.217	0.0325	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.192	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		0.217	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.210	0.163	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0951	J	0.217	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 2

Phoenix I.D.: CT91269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND	0.217	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.198	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.217	0.0542	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.867	0.173	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.208	0.152	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.217	0.152	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.220	0.202	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.217	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.204	0.0759	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.434	0.0867	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.217	0.141	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.217	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.217	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND	0.386	0.0650	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND	0.434	0.130	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND	0.434	0.0434	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	120			%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	114			%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	86.3			%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	83.8			%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	81.1			%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	80.0			%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	168			%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	160			%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	155			%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	78.0			%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	130			%	1	08/28/25	AM	40 - 130 %	C
% M3PFBS	130			%	1	08/28/25	AM	40 - 135 %	C
% M3PFHxS	118			%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	111			%	1	08/28/25	AM	40 - 130 %	C
% M5PFHxA	119			%	1	08/28/25	AM	40 - 130 %	C
% M5PFPEA	127			%	1	08/28/25	AM	35 - 130 %	C
% M6PFDA	121			%	1	08/28/25	AM	40 - 130 %	C
% M7PFUDA	113			%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	118			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOA	123			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	120			%	1	08/28/25	AM	40 - 130 %	C
% M9PFNA	114			%	1	08/28/25	AM	40 - 130 %	C
% MPFBA	119			%	1	08/28/25	AM	8 - 130 %	C
% MPFDOA	103			%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91270

Project ID: EARTH TECH
Client ID: ET-COMP 3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.5		0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.789	0.230	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.801	0.167	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.783	0.230	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.793	0.188	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND		1.04	0.334	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND		5.22	0.762	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND		5.22	0.981	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		0.780	0.282	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND		0.789	0.271	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND		0.835	0.240	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND		0.209	0.0939	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND		0.209	0.0939	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND		2.09	0.480	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND		0.417	0.407	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND		0.209	0.136	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND		0.209	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND		2.09	0.762	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0637	J	0.201	0.0626	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.209	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.209	0.0313	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.185	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0914	J	0.209	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.202	0.157	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.209	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 3

Phoenix I.D.: CT91270

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.209	0.115	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.191	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.209	0.0522	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.835	0.167	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.200	0.146	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.209	0.146	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.353		0.194	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.130	J	0.209	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.196	0.0730	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.417	0.0835	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.209	0.136	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.209	0.115	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.209	0.115	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.126	J	0.371	0.0626	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.134	J	0.417	0.125	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.175	J	0.417	0.0417	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	95.8				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	111				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	61.0				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	58.1				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	61.1				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	70.5				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	123				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	121				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	108				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	71.3				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	108				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	103				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	98.2				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	108				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	98.8				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	88.1				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	105				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	110				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	111				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	95.5				%	1	08/11/25	KFH	40 - 130 %	C

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91271

Project ID: EARTH TECH
Client ID: FIELD BLANK

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
PFAS (40) by EPA 1633	Completed						08/12/25	KFH	EPA 1633A	C

PFAS (40) by EPA 1633

11Cl-PF3OUdS	ND		72.6	21.4	ng/L	10	08/20/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		73.7	21.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		72.0	27.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		72.9	22.3	ng/L	10	08/20/25	KFH	EPA 1633A	C
3:3FTCA	ND		96.0	22.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
5:3FTCA	ND		480	64.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
7:3FTCA	ND		480	221	ng/L	10	08/20/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		71.8	26.4	ng/L	10	08/20/25	KFH	EPA 1633A	C
ADONA	ND		72.6	28.5	ng/L	10	08/20/25	KFH	EPA 1633A	C
HFPO-DA	ND		76.8	30.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
NEtFOSA	ND		19.2	10.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
NEtFOSAA	12.7	J	19.2	10.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
NEtFOSE	ND		192	69.9	ng/L	10	08/20/25	KFH	EPA 1633A	C
NFDHA	ND		38.4	28.8	ng/L	10	08/20/25	KFH	EPA 1633A	C
NMeFOSA	ND		19.2	6.81	ng/L	10	08/20/25	KFH	EPA 1633A	C
NMeFOSAA	ND		19.2	4.80	ng/L	10	08/20/25	KFH	EPA 1633A	C
NMeFOSE	ND		192	68.1	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		18.5	5.95	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		18.3	2.98	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		19.2	3.55	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		17.0	7.49	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND		19.2	5.47	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		18.6	8.54	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		19.2	5.76	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoroheptanoic acid (PFHpA)	ND		19.2	6.72	ng/L	10	08/20/25	KFH	EPA 1633A	C

Project ID: EARTH TECH
Client ID: FIELD BLANK

Phoenix I.D.: CT91271

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluorohexanesulfonic Acid (PFHxS)	ND	17.6	8.54	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	19.2	3.45	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	76.8	15.6	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	18.4	7.20	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	19.2	9.50	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	17.9	7.29	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	19.2	7.58	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	18.0	7.20	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	38.4	8.54	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	19.2	15.2	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	19.2	11.5	ng/L	10	08/20/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	19.2	6.81	ng/L	10	08/20/25	KFH	EPA 1633A	C
PFEESA	ND	34.2	4.80	ng/L	10	08/20/25	KFH	EPA 1633A	C
PFMBA	ND	38.4	13.4	ng/L	10	08/20/25	KFH	EPA 1633A	C
PFMPA	ND	38.4	6.72	ng/L	10	08/20/25	KFH	EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA(10X)	118			%	10	08/20/25	KFH	40 - 170 %	C
% d5-N-EtFOSAA(10X)	96.0			%	10	08/20/25	KFH	25 - 135 %	C
% d7-N-MeFOSE(10X)	73.2			%	10	08/20/25	KFH	10 - 130 %	C
% d9-N-EtFOSE(10X)	70.0			%	10	08/20/25	KFH	10 - 130 %	C
% d-N-EtFOSA(10X)	74.4			%	10	08/20/25	KFH	10 - 130 %	C
% d-N-MeFOSA(10X)	76.0			%	10	08/20/25	KFH	10 - 130 %	C
% M2-4:2 FTS(10X)	113			%	10	08/20/25	KFH	40 - 200 %	C
% M2-6:2 FTS(10X)	119			%	10	08/20/25	KFH	40 - 200 %	C
% M2-8:2 FTS(10X)	119			%	10	08/20/25	KFH	40 - 300 %	C
% M2PFTEDA(10X)	87.2			%	10	08/20/25	KFH	10 - 130 %	C
% M3HFPO-DA(10X)	105			%	10	08/20/25	KFH	40 - 130 %	C
% M3PFBS(10X)	102			%	10	08/20/25	KFH	40 - 135 %	C
% M3PFHxS(10X)	96.5			%	10	08/20/25	KFH	40 - 130 %	C
% M4PFHpA(10X)	97.3			%	10	08/20/25	KFH	40 - 130 %	C
% M5PFHxA(10X)	97.4			%	10	08/20/25	KFH	40 - 130 %	C
% M5PFPEA(10X)	100			%	10	08/20/25	KFH	40 - 130 %	C
% M6PFDA(10X)	96.1			%	10	08/20/25	KFH	40 - 130 %	C
% M7PFUDA(10X)	109			%	10	08/20/25	KFH	30 - 130 %	C
% M8FOSA(10X)	106			%	10	08/20/25	KFH	40 - 130 %	C
% M8PFOA(10X)	96.9			%	10	08/20/25	KFH	40 - 130 %	C
% M8PFOS(10X)	103			%	10	08/20/25	KFH	40 - 130 %	C
% M9PFNA(10X)	105			%	10	08/20/25	KFH	40 - 130 %	C
% MPFBA(10X)	93.2			%	10	08/20/25	KFH	5 - 130 %	C
% MPFDOA(10X)	87.3			%	10	08/20/25	KFH	10 - 130 %	C

Project ID: EARTH TECH
Client ID: FIELD BLANK

Phoenix I.D.: CT91271

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1 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:

*See attached

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Water Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91272

Project ID: EARTH TECH
Client ID: ET-COMP 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.1	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.792	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.805	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.786	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.796	0.189	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.05	0.335	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.24	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.24	0.985	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.784	0.283	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.792	0.272	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.838	0.241	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.210	0.0943	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.524	0.524	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.10	0.482	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.419	0.409	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.10	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.202	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.210	0.0314	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.185	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.203	0.157	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 4

Phoenix I.D.: CT91272

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.192	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.210	0.0524	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.838	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.201	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.210	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.227		0.195	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.172	J	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.419	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.373	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.419	0.126	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.419	0.0419	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	143				%	1	08/28/25	AM	40 - 135 %	C,3
% d5-N-EtFOSAA	145				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	67.1				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	53.4				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	77.0				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	100				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	194				%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	179				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	182				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	58.2				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	152				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	164				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	143				%	1	08/28/25	AM	40 - 130 %	C,3
% M4PFHpA	138				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	146				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	153				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	164				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	159				%	1	08/28/25	AM	40 - 130 %	C,3
% M8FOSA	152				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	142				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOS	157				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	143				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	150				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	124				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91273

Project ID: EARTH TECH
Client ID: ET-COMP 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	90.4	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.836	0.243	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.849	0.177	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.829	0.243	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.840	0.199	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.11	0.354	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.53	0.807	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.53	1.04	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.827	0.299	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.836	0.287	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.885	0.254	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.221	0.0995	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.553	0.553	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.21	0.509	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.442	0.431	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.221	0.144	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.221	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.21	0.807	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.213	0.0663	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.221	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.221	0.0332	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.196	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.221	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.215	0.166	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0910	J 0.221	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 5

Phoenix I.D.: CT91273

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.221	0.122	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.202	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.221	0.0553	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.885	0.177	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.212	0.155	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.221	0.155	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.263		0.206	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.132	J	0.221	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.208	0.0774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0900	J	0.442	0.0885	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.221	0.144	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.221	0.122	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.221	0.122	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.394	0.0663	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.442	0.133	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.442	0.0442	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	160				%	1	08/28/25	AM	40 - 135 %	C,3
% d5-N-EtFOSAA	148				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	85.2				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	74.6				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	93.0				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	104				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	208				%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	194				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	189				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	80.7				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	183				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	179				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	159				%	1	08/28/25	AM	40 - 130 %	C,3
% M4PFHpA	161				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	164				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	172				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	165				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	157				%	1	08/28/25	AM	40 - 130 %	C,3
% M8FOSA	163				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	161				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOS	156				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	157				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	163				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	131				%	1	08/28/25	AM	40 - 130 %	C,3

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91274

Project ID: EARTH TECH
Client ID: ET-COMP 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	92.6	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.815	0.237	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.827	0.172	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.808	0.237	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.819	0.194	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.08	0.345	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.39	0.787	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.39	1.01	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.806	0.291	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.815	0.280	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.862	0.248	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.215	0.0970	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.539	0.539	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.15	0.496	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.431	0.420	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.215	0.140	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.215	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.15	0.787	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.208	0.0646	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.215	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.215	0.0323	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.191	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.215	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.209	0.162	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0975	J 0.215	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 6

Phoenix I.D.: CT91274

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.215	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.197	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.215	0.0539	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.862	0.172	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.207	0.151	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.215	0.151	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.304		0.200	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.159	J	0.215	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.203	0.0754	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.431	0.0862	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.215	0.140	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.215	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.215	0.119	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.384	0.0646	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.431	0.129	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.431	0.0431	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	136				%	1	08/28/25	AM	40 - 135 %	C,3
% d5-N-EtFOSAA	133				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	88.8				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	76.5				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	73.9				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	87.5				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	170				%	1	08/28/25	AM	40 - 165 %	C,3
% M2-6:2 FTS	156				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	162				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	74.6				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	147				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	141				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	124				%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	128				%	1	08/28/25	AM	40 - 130 %	C
% M5PFHxA	139				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	144				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	148				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	139				%	1	08/28/25	AM	40 - 130 %	C,3
% M8FOSA	139				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	132				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOS	142				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	137				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	143				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	113				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91275

Project ID: EARTH TECH
Client ID: ET-COMP 7

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	91.0		0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.826	0.240	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.839	0.175	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.820	0.240	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.830	0.197	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND		1.09	0.350	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND		5.46	0.798	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND		5.46	1.03	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		0.817	0.295	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND		0.826	0.284	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND		0.874	0.251	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND		0.219	0.0983	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND		0.219	0.0983	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND		2.19	0.503	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND		0.437	0.426	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND		0.219	0.142	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND		0.219	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND		2.19	0.798	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0822	J	0.211	0.0656	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.219	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.219	0.0328	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.193	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.117	J	0.219	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.212	0.164	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.219	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 7

Phoenix I.D.: CT91275

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.219	0.120	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.200	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0916	J	0.219	0.0546	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.874	0.175	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.210	0.153	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.219	0.153	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.518		0.203	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.210	J	0.219	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.205	0.0765	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.142	J	0.437	0.0874	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.219	0.142	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.219	0.120	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.219	0.120	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.131	J	0.389	0.0656	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.143	J	0.437	0.131	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.179	J	0.437	0.0437	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	96.7				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	111				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	75.2				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	69.3				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	80.7				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	81.9				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	122				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	124				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	122				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	81.1				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	104				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	109				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	105				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	108				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	114				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	115				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	98.2				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	115				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	90.4				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	102				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	104				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	113				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	117				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	95.9				%	1	08/11/25	KFH	40 - 130 %	C

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91276

Project ID: EARTH TECH
Client ID: ET-COMP 8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	94.3		0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.801	0.233	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.814	0.170	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.795	0.233	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.806	0.191	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND		1.06	0.339	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND		5.30	0.774	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND		5.30	0.996	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND		0.793	0.286	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND		0.801	0.276	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND		0.848	0.244	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND		0.212	0.0954	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND		0.530	0.530	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND		2.12	0.488	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND		0.424	0.413	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND		0.212	0.138	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND		0.212	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND		2.12	0.774	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.205	0.0636	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.212	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.212	0.0318	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.188	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.129	J	0.212	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.206	0.159	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	0.0931	J	0.212	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 8

Phoenix I.D.: CT91276

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	0.121	J	0.212	0.117	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.194	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	0.0965	J	0.212	0.0530	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.848	0.170	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.204	0.148	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.212	0.148	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.560		0.197	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.280		0.212	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.199	0.0742	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.127	J	0.424	0.0848	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.212	0.138	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.212	0.117	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.212	0.117	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.377	0.0636	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.424	0.127	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.424	0.0424	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	129				%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	117				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	71.1				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	63.5				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	72.2				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	88.5				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	162				%	1	08/28/25	AM	40 - 165 %	C
% M2-6:2 FTS	162				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	155				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	70.2				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	144				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	145				%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	136				%	1	08/28/25	AM	40 - 130 %	C,3
% M4PFHpA	135				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	132				%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFPEA	138				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	137				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	129				%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	135				%	1	08/28/25	AM	40 - 130 %	C,3
% M8PFOA	128				%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	133				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	133				%	1	08/28/25	AM	40 - 130 %	C,3
% MPFBA	134				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	120				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91277

Project ID: EARTH TECH
Client ID: ET-COMP 9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.8	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.789	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.802	0.167	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.783	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.793	0.188	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.04	0.334	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.22	0.762	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.22	0.981	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.781	0.282	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.789	0.271	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.835	0.240	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.209	0.0939	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.522	0.522	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.09	0.480	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.418	0.407	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.209	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.209	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.09	0.762	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.201	0.0626	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.209	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.209	0.0313	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.185	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.209	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.202	0.157	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.209	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C

Project ID: EARTH TECH
Client ID: ET-COMP 9

Phoenix I.D.: CT91277

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND	0.209	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND	0.191	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND	0.209	0.0522	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND	0.835	0.167	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.146	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND	0.209	0.146	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	ND	0.194	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	ND	0.209	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND	0.196	0.0731	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND	0.418	0.0835	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND	0.209	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND	0.209	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND	0.209	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND	0.372	0.0626	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND	0.418	0.125	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND	0.418	0.0418	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates									
% d3-N-MeFOSAA	117			%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	112			%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	83.9			%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	81.3			%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	69.5			%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	83.5			%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	153			%	1	08/28/25	AM	40 - 165 %	C
% M2-6:2 FTS	141			%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	131			%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	72.2			%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	131			%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	139			%	1	08/28/25	AM	40 - 135 %	C,3
% M3PFHxS	122			%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	131			%	1	08/28/25	AM	40 - 130 %	C,3
% M5PFHxA	123			%	1	08/28/25	AM	40 - 130 %	C
% M5PFPEA	129			%	1	08/28/25	AM	35 - 130 %	C
% M6PFDA	124			%	1	08/28/25	AM	40 - 130 %	C
% M7PFUDA	116			%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	127			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOA	125			%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	119			%	1	08/28/25	AM	40 - 130 %	C
% M9PFNA	123			%	1	08/28/25	AM	40 - 130 %	C
% MPFBA	130			%	1	08/28/25	AM	8 - 130 %	C
% MPFDOA	98.2			%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91278

Project ID: EARTH TECH
Client ID: ET-COMP 10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.3	0.100		%	1	08/21/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/22/25	AM	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.792	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.805	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.786	0.230	ng/g	1	08/28/25	AM	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.796	0.189	ng/g	1	08/28/25	AM	EPA 1633A	C
3:3FTCA	ND	1.05	0.335	ng/g	1	08/28/25	AM	EPA 1633A	C
5:3FTCA	ND	5.24	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
7:3FTCA	ND	5.24	0.985	ng/g	1	08/28/25	AM	EPA 1633A	C
9Cl-PF3ONS	ND	0.784	0.283	ng/g	1	08/28/25	AM	EPA 1633A	C
ADONA	ND	0.792	0.272	ng/g	1	08/28/25	AM	EPA 1633A	C
HFPO-DA	ND	0.838	0.241	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSA	ND	0.210	0.0943	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSAA	ND	0.524	0.524	ng/g	1	08/28/25	AM	EPA 1633A	C
NEtFOSE	ND	2.10	0.482	ng/g	1	08/28/25	AM	EPA 1633A	C
NFDHA	ND	0.419	0.409	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSA	ND	0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSAA	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
NMeFOSE	ND	2.10	0.765	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.202	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.210	0.0314	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.185	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.203	0.157	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.210	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 10

Phoenix I.D.: CT91278

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.192	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.210	0.0524	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.838	0.168	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.201	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.210	0.147	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.202		0.195	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.184	J	0.210	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.197	0.0733	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	ND		0.419	0.0838	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.210	0.136	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.210	0.115	ng/g	1	08/28/25	AM	EPA 1633A	C
PFEESA	ND		0.373	0.0629	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMBA	ND		0.419	0.126	ng/g	1	08/28/25	AM	EPA 1633A	C
PFMPA	ND		0.419	0.0419	ng/g	1	08/28/25	AM	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	130				%	1	08/28/25	AM	40 - 135 %	C
% d5-N-EtFOSAA	124				%	1	08/28/25	AM	40 - 150 %	C
% d7-N-MeFOSE	84.6				%	1	08/28/25	AM	20 - 130 %	C
% d9-N-EtFOSE	83.2				%	1	08/28/25	AM	15 - 130 %	C
% d-N-EtFOSA	61.1				%	1	08/28/25	AM	10 - 130 %	C
% d-N-MeFOSA	75.1				%	1	08/28/25	AM	10 - 130 %	C
% M2-4:2 FTS	152				%	1	08/28/25	AM	40 - 165 %	C
% M2-6:2 FTS	144				%	1	08/28/25	AM	40 - 215 %	C
% M2-8:2 FTS	138				%	1	08/28/25	AM	40 - 275 %	C
% M2PFTEDA	91.0				%	1	08/28/25	AM	20 - 130 %	C
% M3HFPO-DA	142				%	1	08/28/25	AM	40 - 130 %	C,3
% M3PFBS	132				%	1	08/28/25	AM	40 - 135 %	C
% M3PFHxS	118				%	1	08/28/25	AM	40 - 130 %	C
% M4PFHpA	129				%	1	08/28/25	AM	40 - 130 %	C
% M5PFHxA	129				%	1	08/28/25	AM	40 - 130 %	C
% M5PFPEA	132				%	1	08/28/25	AM	35 - 130 %	C,3
% M6PFDA	144				%	1	08/28/25	AM	40 - 130 %	C,3
% M7PFUDA	130				%	1	08/28/25	AM	40 - 130 %	C
% M8FOSA	121				%	1	08/28/25	AM	40 - 130 %	C
% M8PFOA	130				%	1	08/28/25	AM	40 - 130 %	C
% M8PFOS	134				%	1	08/28/25	AM	40 - 130 %	C,3
% M9PFNA	127				%	1	08/28/25	AM	40 - 130 %	C
% MPFBA	133				%	1	08/28/25	AM	8 - 130 %	C,3
% MPFDOA	120				%	1	08/28/25	AM	40 - 130 %	C

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

3 = This parameter exceeds laboratory specified limits.
C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 02, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91269
Phoenix ID: CT91279

Project ID: EARTH TECH
Client ID: ET-COMP 11

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	95.1		0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed						08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633										
11Cl-PF3OUdS	ND		0.795	0.231	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND		0.807	0.168	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND		0.788	0.231	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND		0.799	0.189	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND		1.05	0.336	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND		5.26	0.767	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND		5.26	0.988	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND		0.786	0.284	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND		0.795	0.273	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND		0.841	0.242	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND		0.210	0.0946	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND		0.210	0.0946	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND		2.10	0.484	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND		0.421	0.410	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND		0.210	0.137	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND		0.210	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND		2.10	0.767	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	ND		0.203	0.0631	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		0.210	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND		0.210	0.0315	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND		0.186	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.102	J	0.210	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND		0.204	0.158	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND		0.210	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 11

Phoenix I.D.: CT91279

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.210	0.116	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.192	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.210	0.0526	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.841	0.168	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.202	0.147	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.210	0.147	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.211		0.196	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.196	J	0.210	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	ND		0.198	0.0736	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.0972	J	0.421	0.0841	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.210	0.137	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.210	0.116	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.210	0.116	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.127	J	0.374	0.0631	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.137	J	0.421	0.126	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.172	J	0.421	0.0421	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	105				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	124				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	75.3				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	72.0				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	79.4				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	80.8				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	135				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	138				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	133				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	84.0				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	119				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	113				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	112				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	111				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	119				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	121				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	109				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	110				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	99.6				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	111				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	111				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	121				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	123				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	97.8				%	1	08/11/25	KFH	40 - 130 %	C

Project ID: EARTH TECH
Client ID: ET-COMP 11

Phoenix I.D.: CT91279

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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 02, 2025
Reviewed and Released by: Alejandro Paredes, Project Manager

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

NY # 11301

QA/QC Report

September 02, 2025

QA/QC Data

SDG I.D.: GCT91269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 800826 (ng/g), QC Sample No: CT91269 (CT91269, CT91272, CT91273, CT91274, CT91276, CT91277, CT91278)											
PFOA & PFOS											
11Cl-PF3OUdS	ND	0.751	52.0	71.8					45 - 160		
3:3FTCA	ND	0.994	88.4	88.5					45 - 130		
4:2FTS	ND	0.746	78.3	64.2					60 - 150		
5:3FTCA	ND	4.97	81.2	76.9					60 - 130		
6:2FTS	ND	0.755	78.0	66.8					55 - 200		
7:3FTCA	ND	4.97	79.8	71.2					60 - 150		
8:2FTS	ND	0.763	71.1	68.7					70 - 150		I
9Cl-PF3ONS	ND	0.744	66.8	49.2					70 - 150		I
ADONA	ND	0.751	77.8	80.4					70 - 160		
FOSA	ND	0.199	78.9	68.8					70 - 140		I
HFPO-DA	ND	0.795	79.6	86.7					70 - 145		
NEtFOSA	ND	0.199	88.4	90.3					70 - 140		
NEtFOSAA	ND	0.497	82.5	80.6					65 - 165		
NEtFOSE	ND	1.99	82.5	83.2					70 - 135		
NFDHA	ND	0.398	74.3	77.2					60 - 155		
NMeFOSA	ND	0.199	75.8	121					70 - 155		
NMeFOSAA	ND	0.199	78.5	71.5					65 - 155		
NMeFOSE	ND	1.99	80.6	83.1					70 - 140		
PFBA	ND	0.795	77.4	72.2					70 - 140		
PFBS	ND	0.176	71.2	72.3					65 - 145		
PFDA	ND	0.199	79.3	62.2					70 - 155		I
PFDoA	ND	0.199	75.2	75.5					70 - 150		
PFDoDS	ND	0.193	66.4	67.4					25 - 160		
PFDS	ND	0.192	64.8	47.8					40 - 155		
PFEESA	ND	0.354	78.7	72.3					70 - 140		
PFHpA	ND	0.199	78.2	75.7					65 - 145		
PFHpS	ND	0.199	79.6	81.5					65 - 155		
PFHxA	ND	0.199	81.0	69.6					65 - 140		
PFHxS	ND	0.182	74.2	68.3					60 - 150		
PFMBA	ND	0.398	80.9	74.8					60 - 150		
PFMPA	ND	0.398	80.9	77.8					30 - 140		
PFNA	ND	0.199	73.3	78.3					70 - 155		
PFNS	ND	0.191	77.6	110					55 - 140		
PFOA	ND	0.199	79.4	73.1					70 - 150		
PFOS	ND	0.185	79.7	59.2					65 - 160		I
PFPeA	ND	0.398	77.4	70.3					60 - 150		
PFPeS	ND	0.187	77.8	67.6					55 - 160		
PFTA	ND	0.199	78.7	70.7					65 - 150		
PFTrDA	ND	0.199	76.7	71.4					65 - 150		
PFUnA	ND	0.199	75.6	71.1					70 - 155		
% d3-N-MeFOSAA	105		96.4	82.7					40 - 135		

QA/QC Data

SDG I.D.: GCT91269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	139		117	123					40 - 165	
% M2-6:2 FTS	129		105	106					40 - 215	
% M2-8:2 FTS	114		105	90.9					40 - 275	
% M2PFTEDA	85.6		75.3	79.0					20 - 130	
% M3HFPO-DA	120		118	117					40 - 130	
% M3PFBS	135		126	120					40 - 135	
% M3PFHxS	113		112	103					40 - 130	
% M4PFHpA	111		105	98.4					40 - 130	
% M5PFHxA	114		111	108					40 - 130	
% M5PFPEA	116		114	111					35 - 130	
% M6PFDA	108		96.7	93.0					40 - 130	
% M7PFUDA	100		90.3	86.9					40 - 130	
% M8FOSA	99.6		99.3	78.6					40 - 130	
% M8PFOA	112		104	98.1					40 - 130	
% M8PFOS	102		100	81.1					40 - 130	
% M9PFNA	111		108	92.2					40 - 130	
% MPFBA	116		115	110					8 - 130	
% MPFDOA	84.9		79.7	76.2					40 - 130	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

QA/QC Batch 799960 (ng/L), QC Sample No: CT91270 (CT91270, CT91271, CT91275, CT91279)

PFOA & PFOS

11Cl-PF3OUdS	ND	0.751	84.2	91.7					45 - 160	
3:3FTCA	ND	0.994	120	120					45 - 130	
4:2FTS	ND	0.746	116	115					60 - 150	
5:3FTCA	ND	4.97	122	120					60 - 130	
6:2FTS	ND	0.755	116	116					55 - 200	
7:3FTCA	ND	4.97	119	129					60 - 150	
8:2FTS	ND	0.763	118	122					70 - 150	
9Cl-PF3ONS	ND	0.744	95.9	93.4					70 - 150	
ADONA	ND	0.751	121	105					70 - 160	
FOSA	ND	0.199	111	115					70 - 140	
HFPO-DA	ND	0.795	105	124					70 - 145	
NEtFOSA	ND	0.199	105	116					70 - 140	
NEtFOSAA	ND	0.199	119	108					65 - 165	
NEtFOSE	ND	1.99	108	115					70 - 135	
NFDHA	ND	0.398	121	127					60 - 155	
NMeFOSA	ND	0.199	124	104					70 - 155	
NMeFOSAA	ND	0.199	112	107					65 - 155	
NMeFOSE	ND	1.99	107	114					70 - 140	
PFBA	ND	0.795	114	109					70 - 140	
PFBS	ND	0.176	110	113					65 - 145	
PFDA	ND	0.199	112	107					70 - 155	
PFDoA	ND	0.199	125	115					70 - 150	
PFDoDS	ND	0.193	82.9	92.0					25 - 160	
PFDS	ND	0.192	92.0	113					40 - 155	
PFEESA	ND	0.354	116	124					70 - 140	
PFHpA	ND	0.199	114	103					65 - 145	
PFHpS	ND	0.199	107	124					65 - 155	
PFHxA	ND	0.199	113	121					65 - 140	
PFHxS	ND	0.182	114	116					60 - 150	
PFMBA	ND	0.398	117	128					60 - 150	

QA/QC Data

SDG I.D.: GCT91269

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PFMPA	ND	0.398	114	127					30 - 140	
PFNA	ND	0.199	104	113					70 - 155	
PFNS	ND	0.191	95.4	125					55 - 140	
PFOA	ND	0.199	100	113					70 - 150	
PFOS	ND	0.185	105	124					65 - 160	
PFPeA	ND	0.398	109	111					60 - 150	
PFPeS	ND	0.187	116	116					55 - 160	
PFTA	ND	0.199	113	99.9					65 - 150	
PFTrDA	ND	0.199	126	115					65 - 150	
PFUnA	ND	0.199	113	109					70 - 155	
% d3-N-MeFOSAA	87.9		83.8	93.8					40 - 135	
% d5-N-EtFOSAA	104		88.0	102					40 - 150	
% M2-4:2 FTS	111		98.5	116					40 - 165	
% M2-6:2 FTS	115		99.8	114					40 - 215	
% M2-8:2 FTS	107		91.4	105					40 - 275	
% M2PFTEDA	75.0		77.9	91.0					20 - 130	
% M3HFPO-DA	107		101	115					40 - 130	
% M3PFBS	104		106	105					40 - 135	
% M3PFHxS	104		96.5	98.5					40 - 130	
% M4PFHpA	112		110	115					40 - 130	
% M5PFHxA	113		102	103					40 - 130	
% M5PFPEA	113		105	111					35 - 130	
% M6PFDA	98.4		94.7	98.7					40 - 130	
% M7PFUDA	99.4		93.6	102					40 - 130	
% M8FOSA	98.5		87.5	91.5					40 - 130	
% M8PFOA	108		113	109					40 - 130	
% M8PFOS	95.4		89.7	86.9					40 - 130	
% M9PFNA	110		107	96.4					40 - 130	
% MPFBA	111		113	112					8 - 130	
% MPFDOA	81.5		76.5	90.6					40 - 130	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

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

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

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

Phyllis Shiller, Laboratory Director
September 02, 2025

Tuesday, September 02, 2025

Sample Criteria Exceedances Report

GCT91269 - TAYLORD

Criteria: NY: 375GWP, 375RRS

State: NY

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

September 02, 2025 SDG I.D.: GCT91269

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

September 02, 2025

SDG I.D.: GCT91269

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 1.6°C Pg 1 of 1

Contact Options:
☐ Fax:
☐ Phone:
☒ Email: scott@taylordenvironment.com

Customer: Taylord Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylordenvironment.com

Project: Earth Tech
495 Wood Street
Oceanside, NY

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature

Client Sample - Information - Identification

Date: 8/4/25

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix		Analysis Request: PFAS METHOD 1633	Soil VOA Vials [1] methanol [2] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	~~ET-COMP 1~~	~~S~~	~~8/4/25~~	~~X~~						1				
912(09	ET-COMP 2	S	8/4/25	X						1				
91270	ET-COMP 3	S	8/4/25	X						1				
91271	FIELD BLANK	DI	8/4/25	X						2				
91272	ET-COMP 4	s	8/4/25	x						1				
91273	ET-COMP 5	s	8/4/25	x						1				
91274	ET-COMP 6	s	8/4/25	x						1				
91275	ET-COMP7	s	8/4/25	x						1				
91276	ET-COMP8	s	8/4/25	x						1				
91277	ET-COMP 9	s	8/4/25	x						1				
91278	ET-COMP 10	s	8/4/25	x						1				
91279	ET-COMP 11	s	8/4/25	x						1				

Relinquished by:	Accepted by:	Date:	Time:
		8/4/25	1430
		8/4/25	15:05
		8/4/25	16:33

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
*SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☑ NY 375 GWP
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential
☑ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☑ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B)*
☐ Other

Comments, Special Requirements or Regulations:

Please RUN ET comp 3, ~~ET comp~~ ET-comp 11, ET-comp 7, Field Blank Standard TAT

Please Hold ET comp 2, ET comp 4, ET comp 5, ET comp 6, ET comp 8, ET comp 9, ET comp 10

State where samples were collected: NY

Sarah Bell

From: Scott Taylor <scott@taylordenvironment.com>
Sent: Monday, August 18, 2025 2:50 PM
To: Sarah Bell
Cc: Lori Bailey
Subject: Re: GCT91269 FW: Please put the PFA Hold samples into production.

Yes please.

Confidentiality Notice: The information contained in this e-mail and any attachments may be legally privileged and confidential. If you are not an intended recipient, you are hereby notified that any dissemination, distribution or copying of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify the sender and permanently delete this e-mail and any attachments immediately. You should not retain, copy or use this e-mail or any attachment for any purpose, nor disclose all or any part of the contents to any other person. Thank You.

Scott Taylor,
Professional Geologist #1088
Taylord Environment, Inc.
PO BOX 613 Wingdale, NY 12594
(914) 419-9740 C
Scott@taylordenvironment.com



Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Report Date: 08/25/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H0326

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/25/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H0326

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 06, 2025 and listed below. The project was identified as your project: **GCT91269**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H0326-01	CT91270	Soil	08/04/2025	08/06/2025
25H0326-02	CT91271	Water	08/04/2025	08/06/2025
25H0326-03	CT91275	Soil	08/04/2025	08/06/2025
25H0326-04	CT91279	Soil	08/04/2025	08/06/2025

General Notes for York Project (SDG) No.: 25H0326

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 08/25/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.407	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH

	Surrogate Recoveries	Result	Acceptance Range
338-30-1	*Surrogate: M5PFHxA*	*104 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0730	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0522	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0730	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.130**	J	ug/kg dry	0.0730	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.353**		ug/kg dry	0.0730	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.146	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.0914**	J	ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0939	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0835	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0313	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0730	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0637**	J	ug/kg dry	0.0626	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.188	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.167	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.167	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.126**	J	ug/kg dry	0.0626	0.371	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.175**	J	ug/kg dry	0.0417	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.134**	J	ug/kg dry	0.125	0.417	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0730	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.783	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.240	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.282	0.780	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.271	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.334	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.762	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.981	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.762	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.480	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0939	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:42	KFH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*108 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*104 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*98.2 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*104 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*98.8 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*104 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*95.5 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.3 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*111 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*105 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*108 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*88.1 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.8 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*121 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*108 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*123 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*70.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*40-130*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*58.1 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*61.0 %*			*20-130*						

Sample Information

Client Sample ID: CT91270 **York Sample ID:** 25H0326-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.5**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91271 **York Sample ID:** 25H0326-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Water	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	7.49	17.0	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	3.45	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	6.72	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND	PF-CC V-L	ng/L	8.54	17.6	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	7.58	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	7.29	17.9	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	9.50	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	5.47	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	6.81	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	5.76	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	11.5	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ng/L	15.2	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
2355-31-9	N-MeFOSAA	ND		ng/L	4.80	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			
2991-50-6	**N-EtFOSAA**	**12.7**	J	ng/L	10.1	19.2	10	EPA 1633A	08/12/2025 12:44	08/20/2025 14:06	KFH
								Certifications: NYSDOH-NY12058			

Sample Information

Client Sample ID: CT91271 **York Sample ID:** 25H0326-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Water	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	8.54	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.55	19.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	2.98	18.3	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	5.95	18.5	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	22.3	72.9	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	21.6	73.7	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	15.6	76.8	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	4.80	34.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	28.8	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	6.72	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	13.4	38.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	7.20	18.0	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	27.1	72.0	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	30.1	76.8	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
763051-92-9	11CL-PF3OUdS	ND		ng/L	21.4	72.6	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
756426-58-1	9CL-PF3ONS	ND		ng/L	26.4	71.8	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
919005-14-4	ADONA	ND		ng/L	28.5	72.6	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	8.54	18.6	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	7.20	18.4	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ng/L	22.6	96.0	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ng/L	64.6	480	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ng/L	221	480	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
24448-09-7	N-MeFOSE	ND		ng/L	68.1	192	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH

Sample Information

Client Sample ID: CT91271 **York Sample ID:** 25H0326-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Water	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
31506-32-8	N-MeFOSA	ND		ng/L	6.81	19.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
1691-99-2	N-EtFOSE	ND		ng/L	69.9	192	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH
4151-50-2	N-EtFOSA	ND		ng/L	10.1	19.2	10	EPA 1633A Certifications: NYSDOH-NY12058	08/12/2025 12:44	08/20/2025 14:06	KFH

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*102 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*97.4 %*	*40-130*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.3 %*	*40-130*
13C3PFHXS	*Surrogate: M3PFHxS*	*96.5 %*	*40-130*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*96.9 %*	*40-130*
13C6PFDA	*Surrogate: M6PFDA*	*96.1 %*	*40-130*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*	*30-130*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.3 %*	*10-130*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*87.2 %*	*10-130*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*93.2 %*	*5-130*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*103 %*	*40-130*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*100 %*	*40-130*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*106 %*	*40-130*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*118 %*	*40-170*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.0 %*	*25-135*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*119 %*	*40-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*119 %*	*40-300*
13C9PFNA	*Surrogate: M9PFNA*	*105 %*	*40-130*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*113 %*	*40-200*
936109-37-4	*Surrogate: d-N-MeFOSA*	*76.0 %*	*10-130*
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.4 %*	*10-130*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*	*40-130*
D9-NETPFOSAA	*Surrogate: d9-N-EtFOSE*	*70.0 %*	*10-130*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.2 %*	*10-130*

Sample Information

Client Sample ID: CT91275 **York Sample ID:** 25H0326-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.426	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH

	Surrogate Recoveries	Result	Acceptance Range
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0765	0.193	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0916**	J	ug/kg dry	0.0546	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0765	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.210**	J	ug/kg dry	0.0765	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.518**		ug/kg dry	0.0765	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.153	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.117**	J	ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.120	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0874	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0983	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.142**	J	ug/kg dry	0.0874	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0328	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0765	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0822**	J	ug/kg dry	0.0656	0.211	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH

Sample Information

Client Sample ID: CT91275 **York Sample ID:** 25H0326-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.197	0.830	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.175	0.839	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.175	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.131**	J	ug/kg dry	0.0656	0.389	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.179**	J	ug/kg dry	0.0437	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.143**	J	ug/kg dry	0.131	0.437	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0765	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.240	0.820	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.251	0.874	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.240	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.295	0.817	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.284	0.826	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.350	1.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.798	5.46	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.03	5.46	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.798	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.142	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.503	2.19	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0983	0.219	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 21:57	KFH

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*114 %*	*40-130*

Sample Information

Client Sample ID: CT91275 **York Sample ID:** 25H0326-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*102 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*98.2 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*95.9 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.1 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*117 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*115 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*90.4 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.7 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*124 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*122 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*122 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*81.9 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.7 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*69.3 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.2 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.0**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91279 **York Sample ID:** 25H0326-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.410	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH

Surrogate Recoveries	Result	Acceptance Range
338-30-1 *Surrogate: M5PFHxA*	*119 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0736	0.186	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0526	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0736	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.196**	J	ug/kg dry	0.0736	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.211**		ug/kg dry	0.0736	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.102**	J	ug/kg dry	0.0841	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0841	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.116	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.137	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0841	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0946	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.0972**	J	ug/kg dry	0.0841	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0315	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0736	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0631	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH

Sample Information

Client Sample ID: CT91279 **York Sample ID:** 25H0326-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.799	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.807	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.127**	J	ug/kg dry	0.0631	0.374	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.172**	J	ug/kg dry	0.0421	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.137**	J	ug/kg dry	0.126	0.421	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0736	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.231	0.788	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.242	0.841	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.231	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.284	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.273	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.336	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.767	5.26	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.988	5.26	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.767	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.137	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.484	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0946	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/07/2025 15:37	08/11/2025 22:12	KFH

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*113 %*	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*119 %*	*40-130*

Sample Information

Client Sample ID: CT91279 **York Sample ID:** 25H0326-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0326	GCT91269	Soil	August 4, 2025 3:00 pm	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*109 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*110 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*97.8 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*123 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*111 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*121 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*99.6 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*138 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*133 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*135 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.8 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*79.4 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*119 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*72.0 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*75.3 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDPH-PH-0840			

Analytical Batch Summary

Batch ID: BH50553 **Preparation Method:** % Solids Prep **Prepared By:** AC

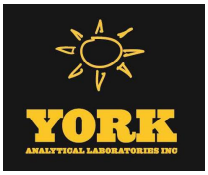
YORK Sample ID	Client Sample ID	Preparation Date
25H0326-01	CT91270	08/07/25
25H0326-03	CT91275	08/07/25
25H0326-04	CT91279	08/07/25

Batch ID: BH50579 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H0326-01	CT91270	08/07/25
25H0326-03	CT91275	08/07/25
25H0326-04	CT91279	08/07/25
BH50579-BLK1	Blank	08/07/25
BH50579-BS1	LCS	08/07/25
BH50579-BS2	LCS	08/07/25

Batch ID: BH50912 **Preparation Method:** EPA 1633 Prep **Prepared By:** MG

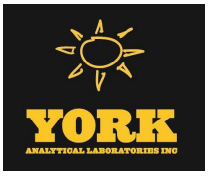
YORK Sample ID	Client Sample ID	Preparation Date
25H0326-02	CT91271	08/12/25
25H0326-02RE1	CT91271	08/12/25
BH50912-BLK1	Blank	08/12/25
BH50912-BS1	LCS	08/12/25
BH50912-BS2	LCS	08/12/25



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

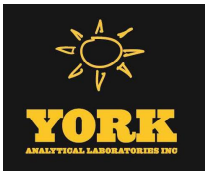
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.42*		"	*2.32*		*104*	*40-135*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*40-130*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*40-130*				
Surrogate: M4PFHpA	*2.78*		"	*2.49*		*112*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

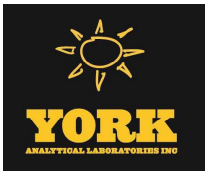
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: M3PFHxS	*2.46*		*ug/kg wet*	*2.36*		*104*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		*"*	*2.49*		*108*	*40-130*				
Surrogate: M6PFDA	*1.22*		*"*	*1.24*		*98.4*	*40-130*				
Surrogate: M7PFUdA	*1.23*		*"*	*1.24*		*99.4*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		*"*	*1.24*		*81.5*	*40-130*				
Surrogate: M2PFTeDA	*0.932*		*"*	*1.24*		*75.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*"*	*9.94*		*111*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.27*		*"*	*2.38*		*95.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		*"*	*4.97*		*113*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.45*		*"*	*2.49*		*98.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*4.97*		*87.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.15*		*"*	*4.97*		*104*	*40-150*				
Surrogate: M2-6:2 FTS	*5.43*		*"*	*4.73*		*115*	*40-215*				
Surrogate: M2-8:2 FTS	*5.09*		*"*	*4.77*		*107*	*40-275*				
Surrogate: M9PFNA	*1.37*		*"*	*1.24*		*110*	*40-130*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.66*		*111*	*40-165*				
Surrogate: d-N-MeFOSA	*1.94*		*"*	*2.49*		*78.2*	*10-130*				
Surrogate: d-N-EtFOSA	*2.14*		*"*	*2.49*		*86.0*	*10-130*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*107*	*40-130*				
Surrogate: d9-N-EtFOSE	*22.4*		*"*	*24.9*		*90.1*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.8*	*20-130*				
LCS (BH50579-BS1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	3.87	0.176	ug/kg wet	3.53		110	65-145				
Perfluorohexanoic acid (PFHxA)	4.51	0.199	"	3.98		113	65-140				
Perfluoroheptanoic acid (PFHpA)	4.54	0.199	"	3.98		114	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.16	0.182	"	3.65		114	60-150				
Perfluorooctanoic acid (PFOA)	4.00	0.199	"	3.98		100	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.88	0.185	"	3.71		105	65-160				
Perfluorononanoic acid (PFNA)	4.13	0.199	"	3.98		104	70-155				
Perfluorodecanoic acid (PFDA)	4.46	0.199	"	3.98		112	70-155				
Perfluoroundecanoic acid (PFUnA)	4.51	0.199	"	3.98		113	70-155				
Perfluorododecanoic acid (PFDoA)	4.97	0.199	"	3.98		125	70-150				
Perfluorotridecanoic acid (PFTrDA)	5.03	0.199	"	3.98		126	65-150				
Perfluorotetradecanoic acid (PFTA)	4.52	0.199	"	3.98		113	65-150				
N-MeFOSAA	4.47	0.199	"	3.98		112	65-155				
N-EtFOSAA	4.73	0.199	"	3.98		119	65-165				
Perfluoropentanoic acid (PFPeA)	8.70	0.398	"	7.97		109	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.41	0.199	"	3.98		111	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.05	0.199	"	3.80		107	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.54	0.192	"	3.84		92.0	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	0.757	"	15.1		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.1	0.765	"	15.3		118	70-150				
Perfluoro-n-butanoic acid (PFBA)	18.2	0.797	"	15.9		114	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

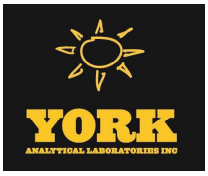
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS1)								Prepared: 08/07/2025 Analyzed: 08/11/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.355	ug/kg wet	7.09		116	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.64	0.398	"	7.97		121	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.09	0.398	"	7.97		114	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.398	"	7.97		117	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.36	0.187	"	3.75		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.3	0.747	"	14.9		116	60-150				
HFPO-DA (Gen-X)	8.41	0.797	"	7.97		105	70-145				
11CL-PF3OUdS	6.34	0.753	"	7.53		84.2	45-160				
9CL-PF3ONS	7.14	0.745	"	7.45		95.9	70-150				
ADONA	9.09	0.753	"	7.53		121	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.20	0.193	"	3.86		82.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.65	0.191	"	3.82		95.4	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	19.1	0.996	"	15.9		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	97.3	4.98	"	79.7		122	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.9	4.98	"	79.7		119	60-150				
N-MeFOSE	42.8	1.99	"	39.8		107	70-140				
N-MeFOSA	4.92	0.199	"	3.98		124	70-155				
N-EtFOSE	43.0	1.99	"	39.8		108	70-135				
N-EtFOSA	4.17	0.199	"	3.98		105	70-140				
Surrogate: M3PFBS	*2.46*		"	*2.32*		*106*	*40-135*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*40-130*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*40-130*				
Surrogate: M4PFHpA	*2.74*		"	*2.49*		*110*	*40-130*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.49*		*113*	*40-130*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.7*	*40-130*				
Surrogate: M7PFUdA	*1.17*		"	*1.25*		*93.6*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		"	*1.25*		*76.5*	*40-130*				
Surrogate: M2PFTeDA	*0.970*		"	*1.25*		*77.9*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*9.96*		*113*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		"	*2.39*		*89.7*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.21*		"	*4.98*		*105*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.18*		"	*2.49*		*87.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.17*		"	*4.98*		*83.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.38*		"	*4.98*		*88.0*	*40-150*				
Surrogate: M2-6:2 FTS	*4.73*		"	*4.74*		*99.8*	*40-215*				
Surrogate: M2-8:2 FTS	*4.37*		"	*4.78*		*91.4*	*40-275*				
Surrogate: M9PFNA	*1.33*		"	*1.25*		*107*	*40-130*				
Surrogate: M2-4:2 FTS	*4.60*		"	*4.67*		*98.5*	*40-165*				
Surrogate: d-N-MeFOSA	*1.72*		"	*2.49*		*69.0*	*10-130*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.49*		*72.7*	*10-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

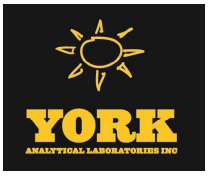
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: M3HFPO-DA	*10.1*		*ug/kg wet*	*9.96*		*101*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.9*		*"*	*24.9*		*75.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.0*		*"*	*24.9*		*80.3*	*20-130*				
LCS (BH50579-BS2)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	0.400	0.176	ug/kg wet	0.353		113	65-145				
Perfluorohexanoic acid (PFHxA)	0.482	0.199	"	0.398		121	65-140				
Perfluoroheptanoic acid (PFHpA)	0.411	0.199	"	0.398		103	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.422	0.182	"	0.365		116	60-150				
Perfluorooctanoic acid (PFOA)	0.450	0.199	"	0.398		113	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.461	0.185	"	0.371		124	65-160				
Perfluorononanoic acid (PFNA)	0.451	0.199	"	0.398		113	70-155				
Perfluorodecanoic acid (PFDA)	0.425	0.199	"	0.398		107	70-155				
Perfluoroundecanoic acid (PFUnA)	0.433	0.199	"	0.398		109	70-155				
Perfluorododecanoic acid (PFDoA)	0.458	0.199	"	0.398		115	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.459	0.199	"	0.398		115	65-150				
Perfluorotetradecanoic acid (PFTA)	0.398	0.199	"	0.398		99.9	65-150				
N-MeFOSAA	0.425	0.199	"	0.398		107	65-155				
N-EtFOSAA	0.431	0.199	"	0.398		108	65-165				
Perfluoropentanoic acid (PFPeA)	0.882	0.398	"	0.797		111	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.458	0.199	"	0.398		115	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.471	0.199	"	0.380		124	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.436	0.192	"	0.384		113	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.75	0.757	"	1.51		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.86	0.765	"	1.53		122	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.73	0.797	"	1.59		109	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.880	0.355	"	0.709		124	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.01	0.398	"	0.797		127	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.01	0.398	"	0.797		127	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.02	0.398	"	0.797		128	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.436	0.187	"	0.375		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.72	0.747	"	1.49		115	60-150				
HFPO-DA (Gen-X)	0.991	0.797	"	0.797		124	70-145				
11CL-PF3OUdS	0.691	0.753	"	0.753		91.7	45-160				
9CL-PF3ONS	0.696	0.745	"	0.745		93.4	70-150				
ADONA	0.791	0.753	"	0.753		105	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.355	0.193	"	0.386		92.0	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.478	0.191	"	0.382		125	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.91	0.996	"	1.59		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.59	4.98	"	7.97		120	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	10.2	4.98	"	7.97		129	60-150				
N-MeFOSE	4.55	1.99	"	3.98		114	70-140				
N-MeFOSA	0.416	0.199	"	0.398		104	70-155				
N-EtFOSE	4.60	1.99	"	3.98		115	70-135				
N-EtFOSA	0.460	0.199	"	0.398		116	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

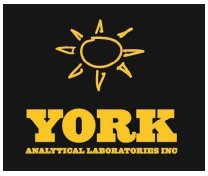
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS2)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: M3PFBS	*2.45*		*ug/kg wet*	*2.32*		*105*	*40-135*				
Surrogate: M5PFHxA	*2.58*		*"*	*2.49*		*103*	*40-130*				
Surrogate: M5PFHxA	*2.58*		*"*	*2.49*		*103*	*40-130*				
Surrogate: M4PFHpA	*2.87*		*"*	*2.49*		*115*	*40-130*				
Surrogate: M3PFHxS	*2.33*		*"*	*2.36*		*98.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		*"*	*2.49*		*109*	*40-130*				
Surrogate: M6PFDA	*1.23*		*"*	*1.25*		*98.7*	*40-130*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.25*		*102*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		*"*	*1.25*		*90.6*	*40-130*				
Surrogate: M2PFTeDA	*1.13*		*"*	*1.25*		*91.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*"*	*9.96*		*112*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.39*		*86.9*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.53*		*"*	*4.98*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.28*		*"*	*2.49*		*91.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.67*		*"*	*4.98*		*93.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.08*		*"*	*4.98*		*102*	*40-150*				
Surrogate: M2-6:2 FTS	*5.38*		*"*	*4.74*		*114*	*40-215*				
Surrogate: M2-8:2 FTS	*5.03*		*"*	*4.78*		*105*	*40-275*				
Surrogate: M9PFNA	*1.20*		*"*	*1.25*		*96.4*	*40-130*				
Surrogate: M2-4:2 FTS	*5.41*		*"*	*4.67*		*116*	*40-165*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.49*		*76.9*	*10-130*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.49*		*75.1*	*10-130*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.96*		*115*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.7*		*"*	*24.9*		*87.0*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.7*	*20-130*				
Batch BH50912 - EPA 1633 Prep											
Blank (BH50912-BLK1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

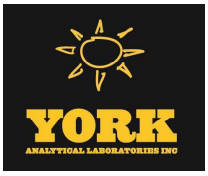
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
Blank (BH50912-BLK1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	ng/L								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	10.0	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	50.0	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	50.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*20.8*		*"*	*23.3*		*89.4*	*40-135*				
Surrogate: M5PFHxA	*22.3*		*"*	*25.0*		*89.2*	*40-130*				
Surrogate: M4PFHpA	*18.4*		*"*	*25.0*		*73.8*	*40-130*				
Surrogate: M3PFHxS	*20.1*		*"*	*23.7*		*85.0*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*22.8*		*"*	*25.0*		*91.3*	*40-130*				
Surrogate: M6PFDA	*11.8*		*"*	*12.5*		*94.3*	*40-130*				
Surrogate: M7PFUdA	*11.9*		*"*	*12.5*		*95.0*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.7*		*"*	*12.5*		*109*	*10-130*				
Surrogate: M2PFTeDA	*9.00*		*"*	*12.5*		*72.0*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*94.3*		*"*	*100*		*94.3*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.4*		*"*	*24.0*		*85.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.5*		*"*	*50.0*		*103*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*21.8*		*"*	*25.0*		*87.4*	*40-130*				
Surrogate: d3-N-MeFOSAA	*37.4*		*"*	*50.0*		*74.7*	*40-170*				
Surrogate: d5-N-EtFOSAA	*38.9*		*"*	*50.0*		*77.8*	*25-135*				
Surrogate: M2-6:2 FTS	*47.4*		*"*	*47.6*		*99.7*	*40-200*				
Surrogate: M2-8:2 FTS	*44.7*		*"*	*48.0*		*93.1*	*40-300*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

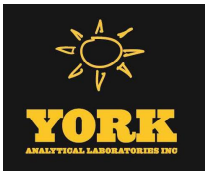
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
Blank (BH50912-BLK1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Surrogate: M9PFNA	*11.9*		*ng/L*	*12.5*		*95.6*	*40-130*				
Surrogate: M2-4:2 FTS	*46.4*		*"*	*46.9*		*98.9*	*40-200*				
Surrogate: d-N-MeFOSA	*20.0*		*"*	*25.0*		*80.1*	*10-130*				
Surrogate: d-N-EtFOSA	*16.5*		*"*	*25.0*		*65.9*	*10-130*				
Surrogate: M3HFPO-DA	*87.0*		*"*	*100*		*87.0*	*40-130*				
Surrogate: d9-N-EtFOSE	*156*		*"*	*250*		*62.5*	*10-130*				
Surrogate: d7-N-MeFOSE	*178*		*"*	*250*		*71.2*	*10-130*				
LCS (BH50912-BS1)									Prepared: 08/12/2025 Analyzed: 08/14/2025		
Perfluorobutanesulfonic acid (PFBS)	35.7	1.77	ng/L	35.4		101	60-145				
Perfluorohexanoic acid (PFHxA)	42.3	2.00	"	40.0		106	70-145				
Perfluoroheptanoic acid (PFHpA)	44.6	2.00	"	40.0		111	70-150				
Perfluorohexanesulfonic acid (PFHxS)	37.8	1.83	"	36.6		103	65-145				
Perfluorooctanoic acid (PFOA)	38.6	2.00	"	40.0		96.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	40.9	1.86	"	37.2		110	55-150				
Perfluorononanoic acid (PFNA)	40.0	2.00	"	40.0		100	70-150				
Perfluorodecanoic acid (PFDA)	40.1	2.00	"	40.0		100	70-140				
Perfluoroundecanoic acid (PFUnA)	41.4	2.00	"	40.0		104	70-145				
Perfluorododecanoic acid (PFDoA)	34.8	2.00	"	40.0		87.0	70-140				
Perfluorotridecanoic acid (PFTrDA)	50.3	2.00	"	40.0		126	65-140				
Perfluorotetradecanoic acid (PFTA)	40.1	2.00	"	40.0		100	60-140				
N-MeFOSAA	43.1	2.00	"	40.0		108	50-140				
N-EtFOSAA	42.4	2.00	"	40.0		106	70-145				
Perfluoropentanoic acid (PFPeA)	84.9	4.00	"	80.0		106	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	41.6	2.00	"	40.0		104	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	40.9	1.91	"	38.2		107	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	38.4	1.93	"	38.6		99.6	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	170	7.60	"	152		112	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	174	7.68	"	154		113	60-150				
Perfluoro-n-butanoic acid (PFBA)	165	8.00	"	160		103	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	53.7	3.56	"	71.2		75.4	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	66.0	4.00	"	80.0		82.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	88.3	4.00	"	80.0		110	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	83.9	4.00	"	80.0		105	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	38.6	1.88	"	37.6		103	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	162	7.50	"	150		108	70-145				
HFPO-DA (Gen-X)	73.6	8.00	"	80.0		92.0	70-140				
11CL-PF3OUdS	49.2	7.56	"	75.6		65.1	55-160				
9CL-PF3ONS	56.1	7.48	"	74.8		75.0	70-155				
ADONA	61.5	7.56	"	75.6		81.4	65-145				
Perfluorododecanesulfonic acid (PFDoS)	32.2	1.94	"	38.8		83.0	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	40.1	1.92	"	38.4		104	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	139	10.0	"	160		87.1	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	667	50.0	"	800		83.3	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	636	50.0	"	800		79.5	50-145				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
LCS (BH50912-BS1)								Prepared: 08/12/2025 Analyzed: 08/14/2025			
N-MeFOSE	394	20.0	ng/L	400		98.5	70-145				
N-MeFOSA	42.3	2.00	"	40.0		106	60-150				
N-EtFOSE	451	20.0	"	400		113	70-135				
N-EtFOSA	40.1	2.00	"	40.0		100	65-145				
Surrogate: M3PFBS	*22.9*		*"*	*23.3*		*98.2*	*40-135*				
Surrogate: M5PFHxA	*24.2*		*"*	*25.0*		*96.6*	*40-130*				
Surrogate: M4PFHpA	*19.7*		*"*	*25.0*		*78.8*	*40-130*				
Surrogate: M3PFHxS	*23.0*		*"*	*23.7*		*97.2*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.0*		*"*	*25.0*		*95.9*	*40-130*				
Surrogate: M6PFDA	*12.6*		*"*	*12.5*		*101*	*40-130*				
Surrogate: M7PFUdA	*12.8*		*"*	*12.5*		*102*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.3*		*"*	*12.5*		*114*	*10-130*				
Surrogate: M2PFTeDA	*10.8*		*"*	*12.5*		*86.1*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103*		*"*	*100*		*103*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*20.8*		*"*	*24.0*		*86.8*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*54.4*		*"*	*50.0*		*109*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.5*		*"*	*25.0*		*90.0*	*40-130*				
Surrogate: d3-N-MeFOSAA	*37.9*		*"*	*50.0*		*75.7*	*40-170*				
Surrogate: d5-N-EtFOSAA	*39.3*		*"*	*50.0*		*78.7*	*25-135*				
Surrogate: M2-6:2 FTS	*48.8*		*"*	*47.6*		*103*	*40-200*				
Surrogate: M2-8:2 FTS	*48.1*		*"*	*48.0*		*100*	*40-300*				
Surrogate: M9PFNA	*11.6*		*"*	*12.5*		*93.0*	*40-130*				
Surrogate: M2-4:2 FTS	*48.4*		*"*	*46.9*		*103*	*40-200*				
Surrogate: d-N-MeFOSA	*21.4*		*"*	*25.0*		*85.6*	*10-130*				
Surrogate: d-N-EtFOSA	*18.9*		*"*	*25.0*		*75.7*	*10-130*				
Surrogate: M3HFPO-DA	*95.8*		*"*	*100*		*95.8*	*40-130*				
Surrogate: d9-N-EtFOSE	*159*		*"*	*250*		*63.6*	*10-130*				
Surrogate: d7-N-MeFOSE	*187*		*"*	*250*		*74.9*	*10-130*				



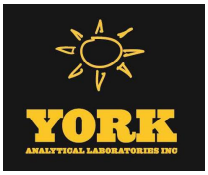
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
LCS (BH50912-BS2)								Prepared: 08/12/2025 Analyzed: 08/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.81	1.77	ng/L	3.54		108	60-145				
Perfluorohexanoic acid (PFHxA)	4.20	2.00	"	4.00		105	70-145				
Perfluoroheptanoic acid (PFHpA)	4.31	2.00	"	4.00		108	70-150				
Perfluorohexanesulfonic acid (PFHxS)	3.92	1.83	"	3.66		107	65-145				
Perfluorooctanoic acid (PFOA)	3.65	2.00	"	4.00		91.2	70-150				
Perfluorooctanesulfonic acid (PFOS)	4.36	1.86	"	3.72		117	55-150				
Perfluorononanoic acid (PFNA)	3.84	2.00	"	4.00		95.9	70-150				
Perfluorodecanoic acid (PFDA)	3.73	2.00	"	4.00		93.2	70-140				
Perfluoroundecanoic acid (PFUnA)	3.88	2.00	"	4.00		96.9	70-145				
Perfluorododecanoic acid (PFDoA)	3.73	2.00	"	4.00		93.2	70-140				
Perfluorotridecanoic acid (PFTrDA)	4.70	2.00	"	4.00		117	65-140				
Perfluorotetradecanoic acid (PFTA)	4.01	2.00	"	4.00		100	60-140				
N-MeFOSAA	4.89	2.00	"	4.00		122	50-140				
N-EtFOSAA	4.71	2.00	"	4.00		118	70-145				
Perfluoropentanoic acid (PFPeA)	8.23	4.00	"	8.00		103	65-135				
Perfluoro-1-octanesulfonamide (FOSA)	4.32	2.00	"	4.00		108	70-145				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.73	1.91	"	3.82		97.7	70-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.35	1.93	"	3.86		86.9	60-145				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.2	7.60	"	15.2		107	65-155				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.2	7.68	"	15.4		112	60-150				
Perfluoro-n-butanoic acid (PFBA)	15.7	8.00	"	16.0		98.1	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.53	3.56	"	7.12		77.6	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.64	4.00	"	8.00		108	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.73	4.00	"	8.00		122	55-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.13	4.00	"	8.00		114	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.18	1.88	"	3.76		111	65-140				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.1	7.50	"	15.0		108	70-145				
HFPO-DA (Gen-X)	9.61	8.00	"	8.00		120	70-140				
11CL-PF3OUdS	5.64	7.56	"	7.56		74.6	55-160				
9CL-PF3ONS	5.71	7.48	"	7.48		76.3	70-155				
ADONA	5.63	7.56	"	7.56		74.4	65-145				
Perfluorododecanesulfonic acid (PFDoS)	3.62	1.94	"	3.88		93.3	50-145				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.13	1.92	"	3.84		108	65-145				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	14.4	10.0	"	16.0		90.3	65-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	62.1	50.0	"	80.0		77.6	70-135				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	63.3	50.0	"	80.0		79.2	50-145				
N-MeFOSE	42.4	20.0	"	40.0		106	70-145				
N-MeFOSA	4.91	2.00	"	4.00		123	60-150				
N-EtFOSE	43.1	20.0	"	40.0		108	70-135				
N-EtFOSA	4.51	2.00	"	4.00		113	65-145				
Surrogate: M3PFBS	*22.4*		*"*	*23.3*		*96.1*	*40-135*				
Surrogate: M5PFHxA	*26.2*		*"*	*25.0*		*105*	*40-130*				
Surrogate: M4PFHpA	*20.8*		*"*	*25.0*		*83.3*	*40-130*				
Surrogate: M3PFHxS	*21.0*		*"*	*23.7*		*88.7*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50912 - EPA 1633 Prep											
LCS (BH50912-BS2)											
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.1*		*ng/L*	*25.0*		*100*	*40-130*				
Surrogate: M6PFDA	*11.9*		*"*	*12.5*		*95.5*	*40-130*				
Surrogate: M7PFUdA	*13.2*		*"*	*12.5*		*106*	*30-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.8*		*"*	*12.5*		*102*	*10-130*				
Surrogate: M2PFTeDA	*10.1*		*"*	*12.5*		*80.9*	*10-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109*		*"*	*100*		*109*	*5-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.8*		*"*	*24.0*		*95.3*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*58.7*		*"*	*50.0*		*117*	*40-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.0*		*"*	*25.0*		*88.1*	*40-130*				
Surrogate: d3-N-MeFOSAA	*37.6*		*"*	*50.0*		*75.2*	*40-170*				
Surrogate: d5-N-EtFOSAA	*41.3*		*"*	*50.0*		*82.6*	*25-135*				
Surrogate: M2-6:2 FTS	*52.8*		*"*	*47.6*		*111*	*40-200*				
Surrogate: M2-8:2 FTS	*50.7*		*"*	*48.0*		*106*	*40-300*				
Surrogate: M9PFNA	*11.7*		*"*	*12.5*		*93.5*	*40-130*				
Surrogate: M2-4:2 FTS	*50.1*		*"*	*46.9*		*107*	*40-200*				
Surrogate: d-N-MeFOSA	*20.8*		*"*	*25.0*		*83.3*	*10-130*				
Surrogate: d-N-EtFOSA	*17.1*		*"*	*25.0*		*68.3*	*10-130*				
Surrogate: M3HFPO-DA	*94.0*		*"*	*100*		*94.0*	*40-130*				
Surrogate: d9-N-EtFOSE	*165*		*"*	*250*		*65.8*	*10-130*				
Surrogate: d7-N-MeFOSE	*191*		*"*	*250*		*76.5*	*10-130*				

Prepared: 08/12/2025 Analyzed: 08/14/2025


YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

PF-CCV-L The CCV recovery for this PFAS compound was below control limits.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

25H0326

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

Temp 1.9 °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GCT91269
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91269

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	8oz HDPE Plastic As Is
CT91270		SOIL	8/4/2025		x	1
CT91271	FB	WTR	8/4/2025		x	1
CT91275		SOIL	8/4/2025		x	1
CT91279		SOIL	8/4/2025		x	1

Relinquished by:	Accepted by:	Date:	Time:
Krystal Neuman		8/6/25	0760
	VG 8/6/25	13:18	

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.
Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

What State were samples collected?
NY

25H0326

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp 4.9 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Page 1 of 1
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HeleneG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GC191269
Report to: HeleneG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91269

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	4oz HDPE Plastic As Is	500 mL HDPE Plastic as is
CT91270		SOIL	8/4/2025		x		
CT91271	FB	WTR	8/4/2025		x	2	2
CT91275		SOIL	8/4/2025		x		
CT91279		SOIL	8/4/2025		x		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8/6/25	0700
[signature]	[signature]	8/6/25	13:18

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

What State were samples collected?
NY

Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Report Date: 08/29/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H1234

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/29/2025
Client Project ID: GCT91269
York Project (SDG) No.: 25H1234

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 19, 2025 and listed below. The project was identified as your project: **GCT91269**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H1234-01	CT91269	Soil	08/04/2025	08/19/2025
25H1234-02	CT91272	Soil	08/04/2025	08/19/2025
25H1234-03	CT91273	Soil	08/04/2025	08/19/2025
25H1234-04	CT91274	Soil	08/04/2025	08/19/2025
25H1234-05	CT91276	Soil	08/04/2025	08/19/2025
25H1234-06	CT91277	Soil	08/04/2025	08/19/2025
25H1234-07	CT91278	Soil	08/04/2025	08/19/2025

General Notes for York Project (SDG) No.: 25H1234

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 08/29/2025

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: CT91269 **York Sample ID:** 25H1234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.423	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*119 %*	HT-NFD		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0759	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0542	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0759	0.198	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0759	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.220**		ug/kg dry	0.0759	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.152	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0951**	J	ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0867	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.542	0.542	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0867	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0325	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0759	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM

Sample Information

Client Sample ID: CT91269 **York Sample ID:** 25H1234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0650	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.195	0.824	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.173	0.832	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.173	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0650	0.386	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0434	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.130	0.434	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0759	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.238	0.813	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.249	0.867	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.238	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.293	0.811	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
919005-14-4	ADONA	ND		ug/kg dry	0.282	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.152	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.347	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.791	5.42	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.02	5.42	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.791	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.141	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.499	2.17	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0976	0.217	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:16	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*130 %*	*40-135*

Sample Information

Client Sample ID: CT91269 **York Sample ID:** 25H1234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*119 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*123 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*121 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*103 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*78.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*119 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*127 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*118 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*120 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*160 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*155 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*168 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*80.0 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*81.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*130 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*83.8 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*86.3 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.1**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91272 **York Sample ID:** 25H1234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.409	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*146 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0733	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0524	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0733	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.172**	J	ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.227**		ug/kg dry	0.0733	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.524	0.524	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0838	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0314	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM

Sample Information

Client Sample ID: CT91272 **York Sample ID:** 25H1234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0629	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.805	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0629	0.373	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0419	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0733	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.241	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.283	0.784	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
919005-14-4	ADONA	ND		ug/kg dry	0.272	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.335	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.765	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.985	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.765	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.482	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0943	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:31	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*164 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91272 **York Sample ID:** 25H1234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*146 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*138 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*143 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*142 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*164 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*159 %*	PFSu-H		*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*124 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*58.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*150 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*157 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*153 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*152 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*143 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*145 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*179 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*182 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*143 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*194 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*100 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.0 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*152 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*53.4 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.1 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91273 **York Sample ID:** 25H1234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.431	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*164 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0774	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0553	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0774	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.132**	J	ug/kg dry	0.0774	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.263**		ug/kg dry	0.0774	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.155	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0910**	J	ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.122	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.144	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0885	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.553	0.553	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.0900**	J	ug/kg dry	0.0885	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0332	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0774	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM

Sample Information

Client Sample ID: CT91273 **York Sample ID:** 25H1234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0663	0.213	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.199	0.840	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.177	0.849	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.177	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0663	0.394	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0442	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.133	0.442	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0774	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.243	0.829	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.254	0.885	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.243	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.299	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
919005-14-4	ADONA	ND		ug/kg dry	0.287	0.836	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.166	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.155	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.354	1.11	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.807	5.53	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.04	5.53	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.807	2.21	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.144	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.509	2.21	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0995	0.221	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 09:46	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*179 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91273 **York Sample ID:** 25H1234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*164 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*161 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*159 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*161 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*165 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*157 %*	PFSu-H		*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*131 %*	PFSu-H		*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.7 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*163 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*156 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*172 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*163 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*160 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*148 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*194 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*189 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*157 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*208 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*104 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*93.0 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*183 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*74.6 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*85.2 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91274 **York Sample ID:** 25H1234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.420	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*139 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0754	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0539	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0754	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.159**	J	ug/kg dry	0.0754	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.304**		ug/kg dry	0.0754	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.151	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0862	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.119	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0975**	J	ug/kg dry	0.0862	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.119	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.140	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0862	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.539	0.539	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0862	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0323	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0754	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM

Sample Information

Client Sample ID: CT91274 **York Sample ID:** 25H1234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0646	0.208	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.194	0.819	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.172	0.827	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.172	0.862	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0646	0.384	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0431	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.129	0.431	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0754	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.237	0.808	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.248	0.862	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.237	0.815	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.291	0.806	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
919005-14-4	ADONA	ND		ug/kg dry	0.280	0.815	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.162	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.151	0.207	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.345	1.08	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.787	5.39	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.01	5.39	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.787	2.15	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.140	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.496	2.15	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0970	0.215	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*141 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91274 **York Sample ID:** 25H1234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*139 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*128 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*132 %*	PFSu-H		*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*148 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*139 %*	PFSu-H		*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*113 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.6 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*143 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*142 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*144 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*139 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*	PFSu-H		*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*133 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*156 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*162 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*137 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*170 %*	PFSu-H		*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*73.9 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*147 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.5 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*88.8 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91276 **York Sample ID:** 25H1234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.413	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*132 %*	HT-NFD, PFSu-H		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0742	0.188	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0965**	J	ug/kg dry	0.0530	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.121**	J	ug/kg dry	0.117	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0742	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.280**		ug/kg dry	0.0742	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.560**		ug/kg dry	0.0742	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.148	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.129**	J	ug/kg dry	0.0848	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.117	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.0931**	J	ug/kg dry	0.0848	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.117	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.138	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0848	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.530	0.530	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.127**	J	ug/kg dry	0.0848	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0318	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0742	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM

Sample Information

Client Sample ID: CT91276 **York Sample ID:** 25H1234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0636	0.205	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.191	0.806	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.170	0.814	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.170	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0636	0.377	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0424	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.424	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0742	0.199	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.233	0.795	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.244	0.848	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.233	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.286	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
919005-14-4	ADONA	ND		ug/kg dry	0.276	0.801	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.159	0.206	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.204	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.339	1.06	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.774	5.30	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.996	5.30	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.774	2.12	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.138	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.488	2.12	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0954	0.212	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 10:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*145 %*	PFSu-H	*40-135*

Sample Information

Client Sample ID: CT91276 **York Sample ID:** 25H1234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*132 %*	PFSu-H		*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*135 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*136 %*	PFSu-H		*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*128 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*137 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*129 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*120 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*134 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*133 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*138 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*135 %*	PFSu-H		*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*162 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*155 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*133 %*	PFSu-H		*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*162 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*88.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*72.2 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*144 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*63.5 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*71.1 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.3**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91277 **York Sample ID:** 25H1234-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.407	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*123 %*	HT-NFD		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0731	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0522	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0731	0.191	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.0731	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.0731	0.194	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.146	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0835	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.522	0.522	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0835	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0313	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0731	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0626	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM

Sample Information

Client Sample ID: CT91277 **York Sample ID:** 25H1234-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.188	0.793	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.167	0.802	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.167	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0626	0.372	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0418	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.418	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0731	0.196	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.783	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.240	0.835	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.282	0.781	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
919005-14-4	ADONA	ND		ug/kg dry	0.271	0.789	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.146	0.200	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.334	1.04	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.762	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.981	5.22	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.762	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.480	2.09	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0939	0.209	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*139 %*	PFSu-H	*40-135*
338-30-1	*Surrogate: M5PFHxA*	*123 %*		*40-130*

Sample Information

Client Sample ID: CT91277 **York Sample ID:** 25H1234-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*131 %*	PFSu-H		*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*125 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*124 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*98.2 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.2 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*130 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*119 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*129 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*127 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*141 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*131 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*123 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*153 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*69.5 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*131 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.3 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.9 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.8**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Sample Information

Client Sample ID: CT91278 **York Sample ID:** 25H1234-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	HT-NFD	ug/kg dry	0.409	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
	Surrogate Recoveries	**Result**			**Acceptance Range**						
338-30-1	*Surrogate: M5PFHxA*	*129 %*	HT-NFD		*40-130*						

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0733	0.185	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0524	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0733	0.192	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.184**	J	ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.202**		ug/kg dry	0.0733	0.195	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.147	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.115	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0838	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.524	0.524	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.0838	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0314	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0733	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM

Sample Information

Client Sample ID: CT91278 **York Sample ID:** 25H1234-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.0629	0.202	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.189	0.796	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.168	0.805	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.0629	0.373	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0419	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.126	0.419	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.0733	0.197	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.230	0.786	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.241	0.838	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.230	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.283	0.784	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
919005-14-4	ADONA	ND		ug/kg dry	0.272	0.792	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.147	0.201	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.335	1.05	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.765	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	0.985	5.24	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.765	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.136	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.482	2.10	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0943	0.210	1	EPA 1633A Certifications: NYSDOH-NY12058	08/22/2025 10:27	08/28/2025 11:18	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*	*40-135*

Sample Information

Client Sample ID: CT91278 **York Sample ID:** 25H1234-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H1234	GCT91269	Soil	August 4, 2025 3:00 pm	08/19/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
338-30-1	*Surrogate: M5PFHxA*	*129 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*129 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*130 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*144 %*	PFSu-H		*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*130 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*120 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*91.0 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*133 %*	PFSu-H		*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*134 %*	PFSu-H		*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*132 %*	PFSu-H		*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*121 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*130 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*144 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*138 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*127 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*152 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.1 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*61.1 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*142 %*	PFSu-H		*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*83.2 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*84.6 %*			*20-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.3**	HT-PR	%	0.100	1	SM 2540G	08/21/2025 15:55	08/21/2025 19:17	AC
							Certifications: CTDPH-PH-0840			

Analytical Batch Summary

Batch ID: BH51708 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25H1234-01	CT91269	08/21/25
25H1234-02	CT91272	08/21/25
25H1234-03	CT91273	08/21/25
25H1234-04	CT91274	08/21/25
25H1234-05	CT91276	08/21/25
25H1234-06	CT91277	08/21/25
25H1234-07	CT91278	08/21/25

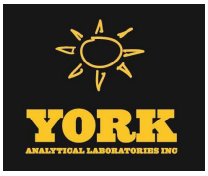
Batch ID: BH51765 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H1234-01	CT91269	08/22/25
25H1234-02	CT91272	08/22/25
25H1234-03	CT91273	08/22/25
25H1234-04	CT91274	08/22/25
25H1234-05	CT91276	08/22/25
25H1234-06	CT91277	08/22/25
25H1234-07	CT91278	08/22/25
BH51765-BLK1	Blank	08/22/25
BH51765-BS1	LCS	08/22/25
BH51765-BS2	LCS	08/22/25

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

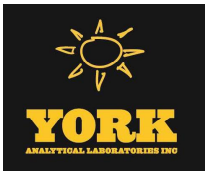
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
Blank (BH51765-BLK1)											Prepared: 08/22/2025 Analyzed: 08/27/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.497	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*3.12*		"	*2.32*		*135*	*40-135*				
Surrogate: M5PFHxA	*2.84*		"	*2.49*		*114*	*40-130*				
Surrogate: M4PFHpA	*2.77*		"	*2.49*		*111*	*40-130*				
Surrogate: M3PFHxS	*2.67*		"	*2.36*		*113*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

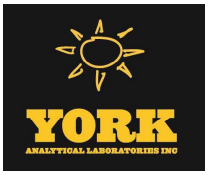
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
Blank (BH51765-BLK1)									Prepared: 08/22/2025 Analyzed: 08/27/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.78*		*ug/kg wet*	*2.49*		*112*	*40-130*				
Surrogate: M6PFDA	*1.35*		*"*	*1.24*		*108*	*40-130*				
Surrogate: M7PFUdA	*1.24*		*"*	*1.24*		*100*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.05*		*"*	*1.24*		*84.9*	*40-130*				
Surrogate: M2PFTeDA	*1.06*		*"*	*1.24*		*85.6*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.5*		*"*	*9.94*		*116*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.42*		*"*	*2.38*		*102*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.79*		*"*	*4.97*		*116*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.48*		*"*	*2.49*		*99.6*	*40-130*				
Surrogate: d3-N-MeFOSAA	*5.21*		*"*	*4.97*		*105*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.92*		*"*	*4.97*		*99.0*	*40-150*				
Surrogate: M2-6:2 FTS	*6.11*		*"*	*4.73*		*129*	*40-215*				
Surrogate: M2-8:2 FTS	*5.43*		*"*	*4.77*		*114*	*40-275*				
Surrogate: M9PFNA	*1.38*		*"*	*1.24*		*111*	*40-130*				
Surrogate: M2-4:2 FTS	*6.47*		*"*	*4.66*		*139*	*40-165*				
Surrogate: d-N-MeFOSA	*1.77*		*"*	*2.49*		*71.2*	*10-130*				
Surrogate: d-N-EtFOSA	*1.70*		*"*	*2.49*		*68.2*	*10-130*				
Surrogate: M3HFPO-DA	*11.9*		*"*	*9.94*		*120*	*40-130*				
Surrogate: d9-N-EtFOSE	*20.6*		*"*	*24.9*		*82.8*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.7*		*"*	*24.9*		*83.3*	*20-130*				
LCS (BH51765-BS1)									Prepared: 08/22/2025 Analyzed: 08/27/2025		
Perfluorobutanesulfonic acid (PFBS)	2.74	0.176	ug/kg wet	3.84		71.2	65-145				
Perfluorohexanoic acid (PFHxA)	3.52	0.199	"	4.34		81.0	65-140				
Perfluoroheptanoic acid (PFHpA)	3.39	0.199	"	4.34		78.2	65-145				
Perfluorohexanesulfonic acid (PFHxS)	2.94	0.182	"	3.96		74.2	60-150				
Perfluorooctanoic acid (PFOA)	3.45	0.199	"	4.34		79.4	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.21	0.185	"	4.02		79.7	65-160				
Perfluorononanoic acid (PFNA)	3.18	0.199	"	4.34		73.3	70-155				
Perfluorodecanoic acid (PFDA)	3.44	0.199	"	4.34		79.3	70-155				
Perfluoroundecanoic acid (PFUnA)	3.28	0.199	"	4.34		75.6	70-155				
Perfluorododecanoic acid (PFDoA)	3.26	0.199	"	4.34		75.2	70-150				
Perfluorotridecanoic acid (PFTrDA)	3.33	0.199	"	4.34		76.7	65-150				
Perfluorotetradecanoic acid (PFTA)	3.42	0.199	"	4.34		78.7	65-150				
N-MeFOSAA	3.41	0.199	"	4.34		78.5	65-155				
N-EtFOSAA	3.58	0.498	"	4.34		82.5	65-165				
Perfluoropentanoic acid (PFPeA)	6.72	0.398	"	8.69		77.4	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.43	0.199	"	4.34		78.9	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.30	0.199	"	4.14		79.6	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	2.71	0.192	"	4.18		64.8	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.9	0.757	"	16.5		78.0	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	11.8	0.765	"	16.7		71.1	70-150				
Perfluoro-n-butanoic acid (PFBA)	13.4	0.797	"	17.4		77.4	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.08	0.355	"	7.73		78.7	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

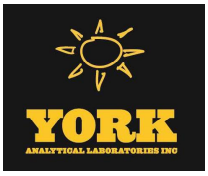
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
LCS (BH51765-BS1)								Prepared: 08/22/2025 Analyzed: 08/27/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.45	0.398	ug/kg wet	8.69		74.3	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.03	0.398	"	8.69		80.9	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.03	0.398	"	8.69		80.9	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.18	0.187	"	4.08		77.8	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	12.7	0.747	"	16.3		78.3	60-150				
HFPO-DA (Gen-X)	6.91	0.797	"	8.69		79.6	70-145				
11CL-PF3OUdS	4.27	0.753	"	8.21		52.0	45-160				
9CL-PF3ONS	5.42	0.745	"	8.11		66.8	70-150	Low Bias			
ADONA	6.39	0.753	"	8.21		77.8	70-160				
Perfluorododecanesulfonic acid (PFDoS)	2.79	0.193	"	4.20		66.4	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.24	0.191	"	4.18		77.6	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	15.3	0.996	"	17.4		88.4	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	70.5	4.98	"	86.9		81.2	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	69.3	4.98	"	86.9		79.8	60-150				
N-MeFOSE	35.0	1.99	"	43.4		80.6	70-140				
N-MeFOSA	3.29	0.199	"	4.34		75.8	70-155				
N-EtFOSE	35.8	1.99	"	43.4		82.5	70-135				
N-EtFOSA	3.84	0.199	"	4.34		88.4	70-140				
Surrogate: M3PFBS	*2.91*		*"*	*2.32*		*126*	*40-135*				
Surrogate: M5PFHxA	*2.76*		*"*	*2.49*		*111*	*40-130*				
Surrogate: M4PFHpA	*2.61*		*"*	*2.49*		*105*	*40-130*				
Surrogate: M3PFHxS	*2.64*		*"*	*2.36*		*112*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		*"*	*2.49*		*104*	*40-130*				
Surrogate: M6PFDA	*1.20*		*"*	*1.25*		*96.7*	*40-130*				
Surrogate: M7PFUdA	*1.12*		*"*	*1.25*		*90.3*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.993*		*"*	*1.25*		*79.7*	*40-130*				
Surrogate: M2PFTeDA	*0.937*		*"*	*1.25*		*75.3*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.96*		*115*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.39*		*"*	*2.39*		*100*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.68*		*"*	*4.98*		*114*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.47*		*"*	*2.49*		*99.3*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.80*		*"*	*4.98*		*96.4*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.50*		*"*	*4.98*		*90.3*	*40-150*				
Surrogate: M2-6:2 FTS	*4.98*		*"*	*4.74*		*105*	*40-215*				
Surrogate: M2-8:2 FTS	*5.02*		*"*	*4.78*		*105*	*40-275*				
Surrogate: M9PFNA	*1.35*		*"*	*1.25*		*108*	*40-130*				
Surrogate: M2-4:2 FTS	*5.49*		*"*	*4.67*		*117*	*40-165*				
Surrogate: d-N-MeFOSA	*1.83*		*"*	*2.49*		*73.6*	*10-130*				
Surrogate: d-N-EtFOSA	*1.67*		*"*	*2.49*		*66.9*	*10-130*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*9.96*		*118*	*40-130*				
Surrogate: d9-N-EtFOSE	*19.1*		*"*	*24.9*		*76.7*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.2*		*"*	*24.9*		*80.9*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

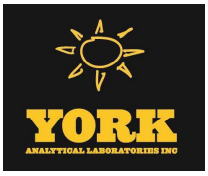
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
LCS (BH51765-BS2)								Prepared: 08/22/2025 Analyzed: 08/27/2025			
Perfluorobutanesulfonic acid (PFBS)	0.279	0.177	ug/kg wet	0.386		72.3	65-145				
Perfluorohexanoic acid (PFHxA)	0.304	0.200	"	0.436		69.6	65-140				
Perfluoroheptanoic acid (PFHpA)	0.330	0.200	"	0.436		75.7	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.272	0.183	"	0.398		68.3	60-150				
Perfluorooctanoic acid (PFOA)	0.319	0.200	"	0.436		73.1	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.239	0.186	"	0.404		59.2	65-160	Low Bias			
Perfluorononanoic acid (PFNA)	0.341	0.200	"	0.436		78.3	70-155				
Perfluorodecanoic acid (PFDA)	0.271	0.200	"	0.436		62.2	70-155	Low Bias			
Perfluoroundecanoic acid (PFUnA)	0.310	0.200	"	0.436		71.1	70-155				
Perfluorododecanoic acid (PFDoA)	0.329	0.200	"	0.436		75.5	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.311	0.200	"	0.436		71.4	65-150				
Perfluorotetradecanoic acid (PFTA)	0.308	0.200	"	0.436		70.7	65-150				
N-MeFOSAA	0.312	0.200	"	0.436		71.5	65-155				
N-EtFOSAA	0.352	0.500	"	0.436		80.6	65-165				
Perfluoropentanoic acid (PFPeA)	0.613	0.400	"	0.872		70.3	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.300	0.200	"	0.436		68.8	70-140	Low Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.339	0.200	"	0.416		81.5	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.201	0.193	"	0.420		47.8	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.11	0.760	"	1.66		66.8	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.15	0.768	"	1.67		68.7	70-150	Low Bias			
Perfluoro-n-butanoic acid (PFBA)	1.26	0.800	"	1.74		72.2	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.561	0.356	"	0.776		72.3	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.673	0.400	"	0.872		77.2	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.679	0.400	"	0.872		77.8	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.652	0.400	"	0.872		74.8	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.277	0.188	"	0.410		67.6	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.05	0.750	"	1.63		64.2	60-150				
HFPO-DA (Gen-X)	0.756	0.800	"	0.872		86.7	70-145				
11CL-PF3OUdS	0.592	0.756	"	0.824		71.8	45-160				
9CL-PF3ONS	0.401	0.748	"	0.814		49.2	70-150	Low Bias			
ADONA	0.662	0.756	"	0.824		80.4	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.285	0.194	"	0.422		67.4	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.461	0.192	"	0.420		110	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.54	1.00	"	1.74		88.5	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	6.70	5.00	"	8.72		76.9	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	6.21	5.00	"	8.72		71.2	60-150				
N-MeFOSE	3.63	2.00	"	4.36		83.1	70-140				
N-MeFOSA	0.529	0.200	"	0.436		121	70-155				
N-EtFOSE	3.63	2.00	"	4.36		83.2	70-135				
N-EtFOSA	0.394	0.200	"	0.436		90.3	70-140				
Surrogate: M3PFBS	*2.79*		*"*	*2.33*		*120*	*40-135*				
Surrogate: M5PFHxA	*2.69*		*"*	*2.50*		*108*	*40-130*				
Surrogate: M4PFHpA	*2.46*		*"*	*2.50*		*98.4*	*40-130*				
Surrogate: M3PFHxS	*2.44*		*"*	*2.37*		*103*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

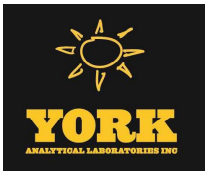
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH51765 - EPA 1633 Prep											
LCS (BH51765-BS2)								Prepared: 08/22/2025 Analyzed: 08/27/2025			
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.45*		*ug/kg wet*	*2.50*		*98.1*	*40-130*				
Surrogate: M6PFDA	*1.16*		*"*	*1.25*		*93.0*	*40-130*				
Surrogate: M7PFUdA	*1.09*		*"*	*1.25*		*86.9*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		*"*	*1.25*		*76.2*	*40-130*				
Surrogate: M2PFTeDA	*0.988*		*"*	*1.25*		*79.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*"*	*10.0*		*110*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.94*		*"*	*2.40*		*81.1*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.53*		*"*	*5.00*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.96*		*"*	*2.50*		*78.6*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.13*		*"*	*5.00*		*82.7*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.09*		*"*	*5.00*		*81.8*	*40-150*				
Surrogate: M2-6:2 FTS	*5.02*		*"*	*4.76*		*106*	*40-215*				
Surrogate: M2-8:2 FTS	*4.36*		*"*	*4.80*		*90.9*	*40-275*				
Surrogate: M9PFNA	*1.15*		*"*	*1.25*		*92.2*	*40-130*				
Surrogate: M2-4:2 FTS	*5.78*		*"*	*4.69*		*123*	*40-165*				
Surrogate: d-N-MeFOSA	*1.44*		*"*	*2.50*		*57.7*	*10-130*				
Surrogate: d-N-EtFOSA	*1.42*		*"*	*2.50*		*56.8*	*10-130*				
Surrogate: M3HFPO-DA	*11.7*		*"*	*10.0*		*117*	*40-130*				
Surrogate: d9-N-EtFOSE	*17.8*		*"*	*25.0*		*71.2*	*15-130*				
Surrogate: d7-N-MeFOSE	*18.6*		*"*	*25.0*		*74.3*	*20-130*				
Batch S5H2836 - BG51450											
Performance Mix (S5H2836-PEM1)								Prepared & Analyzed: 08/27/2025			
Perfluorobutanesulfonic acid (PFBS)	1.80		ng/mL	2.22		81.3	0-200				
Perfluorohexanoic acid (PFHxA)	2.11		"	2.50		84.5	0-200				
Perfluoroheptanoic acid (PFHpA)	2.15		"	2.50		85.9	0-200				
Perfluorohexanesulfonic acid (PFHxS)	2.05		"	2.28		89.9	0-200				
Perfluorooctanoic acid (PFOA)	2.09		"	2.50		83.6	0-200				
Perfluorooctanesulfonic acid (PFOS)	2.08		"	2.32		89.6	0-200				
Perfluorononanoic acid (PFNA)	2.02		"	2.50		80.7	0-200				
Perfluorodecanoic acid (PFDA)	2.07		"	2.50		82.8	0-200				
Perfluoroundecanoic acid (PFUnA)	2.07		"	2.50		82.7	0-200				
Perfluorododecanoic acid (PFDoA)	2.11		"	2.50		84.4	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.02		"	2.50		80.6	0-200				
Perfluorotetradecanoic acid (PFTA)	2.08		"	2.50		83.4	0-200				
N-MeFOSAA	2.09		"	2.50		83.6	0-200				
N-EtFOSAA	2.17		"	2.50		86.7	0-200				
Perfluoropentanoic acid (PFPeA)	4.10		"	5.00		81.9	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.15		"	2.50		86.2	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.05		"	2.38		86.3	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	2.08		"	2.41		86.1	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.34		"	9.50		87.8	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	7.83		"	9.60		81.6	0-200				
Perfluoro-n-butanoic acid (PFBA)	8.33		"	10.0		83.3	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

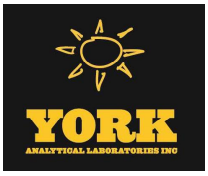
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2836 - BG51450											
Performance Mix (S5H2836-PEM1)								Prepared & Analyzed: 08/27/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.78		ng/mL	4.45		84.9	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.42		"	5.00		88.5	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.15		"	5.00		83.0	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	4.15		"	5.00		83.0	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.04		"	2.35		86.6	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	8.25		"	9.38		88.0	0-200				
HFPO-DA (Gen-X)	7.63		"	10.0		76.3	0-200				
11CL-PF3OUdS	7.59		"	9.45		80.3	0-200				
9CL-PF3ONS	7.95		"	9.35		85.1	0-200				
ADONA	7.51		"	9.45		79.5	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.10		"	2.42		86.6	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.30		"	2.40		96.0	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.9		"	12.5		87.2	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	52.3		"	62.6		83.5	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	54.0		"	62.6		86.3	0-200				
N-MeFOSE	20.3		"	25.0		81.2	0-200				
N-MeFOSA	1.98		"	2.50		79.0	0-200				
N-EtFOSE	20.0		"	25.0		79.9	0-200				
N-EtFOSA	2.11		"	2.50		84.4	0-200				
Surrogate: M3PFBS	*2.90*		*"*	*2.33*		*125*	*0-200*				
Surrogate: M5PFHxA	*2.84*		*"*	*2.50*		*114*	*0-200*				
Surrogate: M4PFHpA	*2.72*		*"*	*2.50*		*109*	*0-200*				
Surrogate: M3PFHxS	*2.73*		*"*	*2.37*		*115*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.89*		*"*	*2.50*		*115*	*0-200*				
Surrogate: M6PFDA	*1.44*		*"*	*1.25*		*115*	*0-200*				
Surrogate: M7PFUdA	*1.40*		*"*	*1.25*		*112*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.37*		*"*	*1.25*		*110*	*0-200*				
Surrogate: M2PFTeDA	*1.40*		*"*	*1.25*		*112*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.3*		*"*	*10.0*		*113*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.64*		*"*	*2.40*		*110*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.72*		*"*	*5.00*		*114*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.75*		*"*	*2.50*		*110*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.86*		*"*	*5.00*		*117*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.72*		*"*	*5.00*		*114*	*0-200*				
Surrogate: M2-6:2 FTS	*4.68*		*"*	*4.76*		*98.2*	*0-200*				
Surrogate: M2-8:2 FTS	*5.71*		*"*	*4.80*		*119*	*0-200*				
Surrogate: M9PFNA	*1.42*		*"*	*1.25*		*114*	*0-200*				
Surrogate: M2-4:2 FTS	*5.46*		*"*	*4.69*		*116*	*0-200*				
Surrogate: d-N-MeFOSA	*2.77*		*"*	*2.50*		*111*	*0-200*				
Surrogate: d-N-EtFOSA	*2.67*		*"*	*2.50*		*107*	*0-200*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*10.0*		*115*	*0-200*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

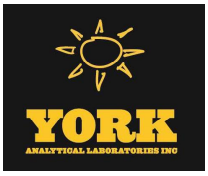
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2836 - BG51450											
Performance Mix (S5H2836-PEM1)								Prepared & Analyzed: 08/27/2025			
Surrogate: d9-N-EtFOSE	*28.6*		*ng/mL*	*25.0*		*114*	*0-200*				
Surrogate: d7-N-MeFOSE	*28.1*		*"*	*25.0*		*112*	*0-200*				
Batch S5H2837 - BH50414											
Performance Mix (S5H2837-PEM1)								Prepared & Analyzed: 08/27/2025			
Perfluorobutanesulfonic acid (PFBS)	1.83		ng/mL	2.22		82.5	0-200				
Perfluorohexanoic acid (PFHxA)	2.11		"	2.50		84.5	0-200				
Perfluoroheptanoic acid (PFHpA)	2.19		"	2.50		87.5	0-200				
Perfluorohexanesulfonic acid (PFHxS)	1.59		"	2.28		69.6	0-200				
Perfluorooctanoic acid (PFOA)	2.04		"	2.50		81.6	0-200				
Perfluorooctanesulfonic acid (PFOS)	1.75		"	2.32		75.5	0-200				
Perfluorononanoic acid (PFNA)	2.05		"	2.50		82.0	0-200				
Perfluorodecanoic acid (PFDA)	2.06		"	2.50		82.6	0-200				
Perfluoroundecanoic acid (PFUnA)	2.04		"	2.50		81.5	0-200				
Perfluorododecanoic acid (PFDoA)	2.03		"	2.50		81.0	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.07		"	2.50		82.8	0-200				
Perfluorotetradecanoic acid (PFTA)	2.05		"	2.50		82.1	0-200				
N-MeFOSAA	1.80		"	2.50		71.9	0-200				
N-EtFOSAA	1.85		"	2.50		73.8	0-200				
Perfluoropentanoic acid (PFPeA)	4.12		"	5.00		82.3	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.06		"	2.50		82.5	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.88		"	2.38		78.9	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	1.87		"	2.41		77.8	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	8.24		"	9.50		86.8	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	8.04		"	9.60		83.8	0-200				
Perfluoro-n-butanoic acid (PFBA)	8.31		"	10.0		83.1	0-200				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.90		"	4.45		87.6	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.61		"	5.00		92.2	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.35		"	5.00		86.9	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	4.21		"	5.00		84.3	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.07		"	2.35		88.1	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	7.72		"	9.38		82.3	0-200				
HFPO-DA (Gen-X)	8.34		"	10.0		83.4	0-200				
11CL-PF3OUdS	8.30		"	9.45		87.8	0-200				
9CL-PF3ONS	8.84		"	9.35		94.5	0-200				
ADONA	8.05		"	9.45		85.1	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.06		"	2.42		85.1	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.25		"	2.40		93.9	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	10.5		"	12.5		84.3	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	54.2		"	62.6		86.6	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	55.3		"	62.6		88.3	0-200				
N-MeFOSE	20.7		"	25.0		82.9	0-200				
N-MeFOSA	1.96		"	2.50		78.4	0-200				
N-EtFOSE	20.3		"	25.0		81.3	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H2837 - BH50414											
Performance Mix (S5H2837-PEM1)							Prepared & Analyzed: 08/27/2025				
N-EtFOSA	2.11		ng/mL	2.50		84.4	0-200				
Surrogate: M3PFBS	*2.82*		*"*	*2.33*		*121*	*0-200*				
Surrogate: M5PFHxA	*2.92*		*"*	*2.50*		*117*	*0-200*				
Surrogate: M4PFHpA	*2.68*		*"*	*2.50*		*107*	*0-200*				
Surrogate: M3PFHxS	*2.64*		*"*	*2.37*		*111*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		*"*	*2.50*		*114*	*0-200*				
Surrogate: M6PFDA	*1.47*		*"*	*1.25*		*118*	*0-200*				
Surrogate: M7PFUdA	*1.47*		*"*	*1.25*		*117*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.40*		*"*	*1.25*		*112*	*0-200*				
Surrogate: M2PFTeDA	*1.35*		*"*	*1.25*		*108*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.9*		*"*	*10.0*		*119*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.95*		*"*	*2.40*		*123*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.01*		*"*	*5.00*		*120*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.07*		*"*	*2.50*		*123*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.81*		*"*	*5.00*		*116*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.85*		*"*	*5.00*		*117*	*0-200*				
Surrogate: M2-6:2 FTS	*4.80*		*"*	*4.76*		*101*	*0-200*				
Surrogate: M2-8:2 FTS	*5.57*		*"*	*4.80*		*116*	*0-200*				
Surrogate: M9PFNA	*1.49*		*"*	*1.25*		*120*	*0-200*				
Surrogate: M2-4:2 FTS	*5.66*		*"*	*4.69*		*121*	*0-200*				
Surrogate: d-N-MeFOSA	*2.80*		*"*	*2.50*		*112*	*0-200*				
Surrogate: d-N-EtFOSA	*2.70*		*"*	*2.50*		*108*	*0-200*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*10.0*		*112*	*0-200*				
Surrogate: d9-N-EtFOSE	*29.7*		*"*	*25.0*		*119*	*0-200*				
Surrogate: d7-N-MeFOSE	*28.8*		*"*	*25.0*		*115*	*0-200*				


YORK
ANALYTICAL LABORATORIES INC

Sample and Data Qualifiers Relating to This Work Order

PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-PR	Sample was prepared outside of the recommended holding time.
HT-NFD	NFDHA was extracted outside of the 3-day holding time established by 1633A. NFDHA is not a regulated analyte, and does not have a toxicity factor or corresponding EPA Regional Screening Level. These results should not impact data usability

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

25H1234

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

Temp 1.3 °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GCT91269
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91269

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	500ml HDPE Plastic As Is	8oz HDPE Plastic As Is
CT91269		SOIL	8/4/2025		x	1	
CT91272		SOIL	8/4/2025		x	1	
CT91273		SOIL	8/4/2025		x	1	
CT91274		SOIL	8/4/2025		x	1	
CT91276		SOIL	8/4/2025		x	1	
CT91277		SOIL	8/4/2025		x	1	
CT91278		SOIL	8/4/2025		x	1	

Relinquished by:	Accepted by:	Date:	Time:
Kelly Bailey	Dawson	8-19-25	5:50p
Dawson			
		8/19/25	9:41

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☐ Other_____

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

What State were samples collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, August 13, 2025

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

Project ID: EARTH TECH
SDG ID: GCT91268
Sample ID#s: CT91268

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

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

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

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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

NY # 11301

Sample Id Cross Reference

August 13, 2025

SDG I.D.: GCT91268

Project ID: EARTH TECH

Client Id	Lab Id	Matrix	Col Date
ET-COMP 1	CT91268	SOIL	08/04/25 10:30

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 13, 2025

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/25	10:30
Location Code:	TAYLORD	Received by:	KD1	08/04/25	16:27
Rush Request:	96 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCT91268
Phoenix ID: CT91268

Project ID: EARTH TECH
Client ID: ET-COMP 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	92.9	0.100		%	1	08/07/25	AC	SM 2540G	
PFAS (40) by EPA 1633	Completed					08/07/25	KFH	EPA 1633A	C
PFAS (40) by EPA 1633									
11Cl-PF3OUdS	ND	0.811	0.236	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorodecanesulfonic acid	ND	0.824	0.172	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	ND	0.804	0.236	ng/g	1	08/11/25	KFH	EPA 1633A	C
1H,1H,2H,2H-Perfluorooctanesulfonic acid	ND	0.815	0.193	ng/g	1	08/11/25	KFH	EPA 1633A	C
3:3FTCA	ND	1.07	0.343	ng/g	1	08/11/25	KFH	EPA 1633A	C
5:3FTCA	ND	5.36	0.783	ng/g	1	08/11/25	KFH	EPA 1633A	C
7:3FTCA	ND	5.36	1.01	ng/g	1	08/11/25	KFH	EPA 1633A	C
9Cl-PF3ONS	ND	0.802	0.290	ng/g	1	08/11/25	KFH	EPA 1633A	C
ADONA	ND	0.811	0.279	ng/g	1	08/11/25	KFH	EPA 1633A	C
HFPO-DA	ND	0.858	0.247	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSA	ND	0.214	0.0965	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSAA	ND	0.214	0.0965	ng/g	1	08/11/25	KFH	EPA 1633A	C
NEtFOSE	ND	2.14	0.493	ng/g	1	08/11/25	KFH	EPA 1633A	C
NFDHA	ND	0.429	0.418	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSA	ND	0.214	0.139	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSAA	ND	0.214	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C
NMeFOSE	ND	2.14	0.783	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-decanesulfonic acid (PFDS)	0.0760 J	0.207	0.0643	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.214	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.214	0.0322	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorobutanesulfonic acid (PFBS)	ND	0.190	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorodecanoic acid (PFDA)	0.0966 J	0.214	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecane Sulfonic Acid (PFDoDS)	ND	0.208	0.161	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorododecanoic acid (PFDoA)	ND	0.214	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C

Ver 1

Project ID: EARTH TECH
Client ID: ET-COMP 1

Phoenix I.D.: CT91268

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Perfluoroheptanoic acid (PFHpA)	ND		0.214	0.118	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanesulfonic Acid (PFHxS)	ND		0.196	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorohexanoic acid (PFHxA)	ND		0.214	0.0536	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoro-n-butanoic acid (PFBA)	ND		0.858	0.172	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanesulfonic Acid (PFNS)	ND		0.206	0.150	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorononanoic acid (PFNA)	ND		0.214	0.150	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanesulfonic Acid (PFOS)	0.257		0.199	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorooctanoic acid (PFOA)	0.159	J	0.214	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanesulfonic Acid (PFPeS)	0.0763	J	0.202	0.0751	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoropentanoic acid (PFPeA)	0.130	J	0.429	0.0858	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotetradecanoic acid (PFTA)	ND		0.214	0.139	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluorotridecanoic acid (PFTrDA)	ND		0.214	0.118	ng/g	1	08/11/25	KFH	EPA 1633A	C
Perfluoroundecanoic acid (PFUnA)	ND		0.214	0.118	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFEESA	0.130	J	0.382	0.0643	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMBA	0.138	J	0.429	0.129	ng/g	1	08/11/25	KFH	EPA 1633A	C
PFMPA	0.176	J	0.429	0.0429	ng/g	1	08/11/25	KFH	EPA 1633A	C
QA/QC Surrogates										
% d3-N-MeFOSAA	105				%	1	08/11/25	KFH	40 - 135 %	C
% d5-N-EtFOSAA	119				%	1	08/11/25	KFH	40 - 150 %	C
% d7-N-MeFOSE	72.5				%	1	08/11/25	KFH	20 - 130 %	C
% d9-N-EtFOSE	67.4				%	1	08/11/25	KFH	15 - 130 %	C
% d-N-EtFOSA	66.3				%	1	08/11/25	KFH	10 - 130 %	C
% d-N-MeFOSA	75.5				%	1	08/11/25	KFH	10 - 130 %	C
% M2-4:2 FTS	121				%	1	08/11/25	KFH	40 - 165 %	C
% M2-6:2 FTS	122				%	1	08/11/25	KFH	40 - 215 %	C
% M2-8:2 FTS	120				%	1	08/11/25	KFH	40 - 275 %	C
% M2PFTEDA	84.4				%	1	08/11/25	KFH	20 - 130 %	C
% M3HFPO-DA	103				%	1	08/11/25	KFH	40 - 130 %	C
% M3PFBS	105				%	1	08/11/25	KFH	40 - 135 %	C
% M3PFHxS	105				%	1	08/11/25	KFH	40 - 130 %	C
% M4PFHpA	115				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFHxA	107				%	1	08/11/25	KFH	40 - 130 %	C
% M5PFPEA	112				%	1	08/11/25	KFH	35 - 130 %	C
% M6PFDA	103				%	1	08/11/25	KFH	40 - 130 %	C
% M7PFUDA	109				%	1	08/11/25	KFH	40 - 130 %	C
% M8FOSA	92.6				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOA	116				%	1	08/11/25	KFH	40 - 130 %	C
% M8PFOS	109				%	1	08/11/25	KFH	40 - 130 %	C
% M9PFNA	110				%	1	08/11/25	KFH	40 - 130 %	C
% MPFBA	119				%	1	08/11/25	KFH	8 - 130 %	C
% MPFDOA	98.3				%	1	08/11/25	KFH	40 - 130 %	C

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

C = This parameter is subcontracted.

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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
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:

*See attached

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

PFAS (40) by EPA 1633 (EPA 1633A), PFOA/PFOS - Soil Extraction (EPA 1633A) were analyzed by NY certified lab #12058.

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

Phyllis Shiller, Laboratory Director
August 13, 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

NY # 11301

QA/QC Report

August 13, 2025

QA/QC Data

SDG I.D.: GCT91268

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 797944 (ng/g), QC Sample No: CT91268 (CT91268)										
PFOA & PFOS										
11Cl-PF3OUdS	ND	0.751	84.2	91.7					45 - 160	
3:3FTCA	ND	0.994	120	120					45 - 130	
4:2FTS	ND	0.746	116	115					60 - 150	
5:3FTCA	ND	4.97	122	120					60 - 130	
6:2FTS	ND	0.755	116	116					55 - 200	
7:3FTCA	ND	4.97	119	129					60 - 150	
8:2FTS	ND	0.763	118	122					70 - 150	
9Cl-PF3ONS	ND	0.744	95.9	93.4					70 - 150	
ADONA	ND	0.751	121	105					70 - 160	
FOSA	ND	0.199	111	115					70 - 140	
HFPO-DA	ND	0.795	105	124					70 - 145	
NEtFOSA	ND	0.199	105	116					70 - 140	
NEtFOSAA	ND	0.199	119	108					65 - 165	
NEtFOSE	ND	1.99	108	115					70 - 135	
NFDHA	ND	0.398	121	127					60 - 155	
NMeFOSA	ND	0.199	124	104					70 - 155	
NMeFOSAA	ND	0.199	112	107					65 - 155	
NMeFOSE	ND	1.99	107	114					70 - 140	
PFBA	ND	0.795	114	109					70 - 140	
PFBS	ND	0.176	110	113					65 - 145	
PFDA	ND	0.199	112	107					70 - 155	
PFDoA	ND	0.199	125	115					70 - 150	
PFDoDS	ND	0.193	82.9	92.0					25 - 160	
PFDS	ND	0.192	92.0	113					40 - 155	
PFEESA	ND	0.354	116	124					70 - 140	
PFHpA	ND	0.199	114	103					65 - 145	
PFHpS	ND	0.199	107	124					65 - 155	
PFHxA	ND	0.199	113	121					65 - 140	
PFHxS	ND	0.182	114	116					60 - 150	
PFMBA	ND	0.398	117	128					60 - 150	
PFMPA	ND	0.398	114	127					30 - 140	
PFNA	ND	0.199	104	113					70 - 155	
PFNS	ND	0.191	95.4	125					55 - 140	
PFOA	ND	0.199	100	113					70 - 150	
PFOS	ND	0.185	105	124					65 - 160	
PFPeA	ND	0.398	109	111					60 - 150	
PFPeS	ND	0.187	116	116					55 - 160	
PFTA	ND	0.199	113	99.9					65 - 150	
PFTrDA	ND	0.199	126	115					65 - 150	
PFUnA	ND	0.199	113	109					70 - 155	
% d3-N-MeFOSAA	87.9		83.8	93.8					40 - 135	

QA/QC Data

SDG I.D.: GCT91268

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% M2-4:2 FTS	111		98.5	116					40 - 165	
% M2-6:2 FTS	115		99.8	114					40 - 215	
% M2-8:2 FTS	107		91.4	105					40 - 275	
% M2PFTEDA	75.0		77.9	91.0					20 - 130	
% M3HFPO-DA	107		101	115					40 - 130	
% M3PFBS	104		106	105					40 - 135	
% M3PFHxS	104		96.5	98.5					40 - 130	
% M4PFHpA	112		110	115					40 - 130	
% M5PFHxA	113		102	103					40 - 130	
% M5PFPEA	113		105	111					35 - 130	
% M6PFDA	98.4		94.7	98.7					40 - 130	
% M7PFUDA	99.4		93.6	102					40 - 130	
% M8FOSA	98.5		87.5	91.5					40 - 130	
% M8PFOA	108		113	109					40 - 130	
% M8PFOS	95.4		89.7	86.9					40 - 130	
% M9PFNA	110		107	96.4					40 - 130	
% MPFBA	111		113	112					8 - 130	
% MPFDOA	81.5		76.5	90.6					40 - 130	

Comment:

LCS/LCSD are spiked per method at different levels, no RPD is provided.

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
August 13, 2025

Wednesday, August 13, 2025

Criteria: NY: 375GWP, 375RRS

State: NY

Sample Criteria Exceedances Report

GCT91268 - TAYLORD

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

*** No Data to Display ***

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

August 13, 2025 SDG I.D.: GCT91268

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

August 13, 2025

SDG I.D.: GCT91268

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

Temp 1.0 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

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

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer:
Address: Taylor Env. Inc

Project: Earth Tech
Report to: 495 Wood St
Invoice to: Oceanside, NY
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature

Date: 8/4/25

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PFAS Method 1633	1,4 Dioxane Low Level SIM Plastic	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	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 [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
91268	ET-Comp1	S	8/1/25	10:30		1												

Relinquished by:	Accepted by:	Date:	Time:
		8/4/25	1430
		8/4/25	15:05
		8/4/25	16:27

Comments, Special Requirements or Regulations:
96 Hour TAT
Part of another COC

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☑ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☒ 375SCO Unrestricted Soil GW/SCO
☐ 375SCO Residential Soil
☒ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Technical Report

prepared for:

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Report Date: 08/12/2025
Client Project ID: GCT91268
York Project (SDG) No.: 25H0325

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/12/2025
Client Project ID: GCT91268
York Project (SDG) No.: 25H0325

Phoenix Environmental Laboratories, Inc.
P.O. Box 370, 587 East Middle Turnpike
Manchester CT, 06040
Attention: Helen Geoghegan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 06, 2025 and listed below. The project was identified as your project: **GCT91268**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25H0325-01	CT91268	Soil	08/04/2025	08/06/2025

General Notes for York Project (SDG) No.: 25H0325

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher
Laboratory Manager

Date: 08/12/2025

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Q_P_PFAS, EPA 1633a NFDHA

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.418	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH

	Surrogate Recoveries	Result	Acceptance Range
338-30-1	*Surrogate: M5PFHxA*	*107 %*	*40-130*

Q_P_PFAS, EPA 1633a Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.0751	0.190	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0536	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.0751	0.196	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.159**	J	ug/kg dry	0.0751	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.257**		ug/kg dry	0.0751	0.199	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.150	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.0966**	J	ug/kg dry	0.0858	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.0858	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.118	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.139	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.0858	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.0965	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.130**	J	ug/kg dry	0.0858	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.0322	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.0751	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	**Perfluoro-1-decanesulfonic acid (PFDS)**	**0.0760**	J	ug/kg dry	0.0643	0.207	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.193	0.815	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.172	0.824	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.172	0.858	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
113507-82-7	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	**0.130**	J	ug/kg dry	0.0643	0.382	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
377-73-1	**Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.176**	J	ug/kg dry	0.0429	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.138**	J	ug/kg dry	0.129	0.429	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**0.0763**	J	ug/kg dry	0.0751	0.202	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.236	0.804	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
13252-13-6	HFPO-DA (Gen-X)	ND		ug/kg dry	0.247	0.858	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
763051-92-9	11CL-PF3OUdS	ND		ug/kg dry	0.236	0.811	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
756426-58-1	9CL-PF3ONS	ND		ug/kg dry	0.290	0.802	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
919005-14-4	ADONA	ND		ug/kg dry	0.279	0.811	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.161	0.208	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
68259-12-1	Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.150	0.206	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
356-02-5	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND		ug/kg dry	0.343	1.07	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND		ug/kg dry	0.783	5.36	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
812-70-4	2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND		ug/kg dry	1.01	5.36	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
24448-09-7	N-MeFOSE	ND		ug/kg dry	0.783	2.14	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
31506-32-8	N-MeFOSA	ND		ug/kg dry	0.139	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
1691-99-2	N-EtFOSE	ND		ug/kg dry	0.493	2.14	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH
4151-50-2	N-EtFOSA	ND		ug/kg dry	0.0965	0.214	1	EPA 1633A Certifications: NELAC-NY12058	08/07/2025 15:37	08/11/2025 21:26	KFH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Q_P_PFAS, EPA 1633a Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*105 %*			*40-135*						
338-30-1	*Surrogate: M5PFHxA*	*107 %*			*40-130*						
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*			*40-130*						
13C3PFHXS	*Surrogate: M3PFHxS*	*105 %*			*40-130*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*			*40-130*						
13C6PFDA	*Surrogate: M6PFDA*	*103 %*			*40-130*						
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*			*40-130*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*98.3 %*			*40-130*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*84.4 %*			*20-130*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*119 %*			*8-130*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*109 %*			*40-130*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*112 %*			*35-130*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.6 %*			*40-130*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*105 %*			*40-135*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*40-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*			*40-215*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*40-275*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*40-130*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*40-165*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.5 %*			*10-130*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.3 %*			*10-130*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*40-130*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.4 %*			*15-130*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*72.5 %*			*20-130*						

Sample Information

Client Sample ID: CT91268 **York Sample ID:** 25H0325-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25H0325	GCT91268	Soil	August 4, 2025 10:30 am	08/06/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	08/07/2025 11:50	08/07/2025 15:49	AC
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BH50553 **Preparation Method:** % Solids Prep **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
25H0325-01	CT91268	08/07/25
BH50553-DUP1	Duplicate	08/07/25

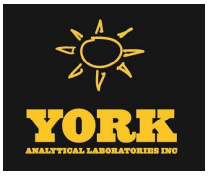
Batch ID: BH50579 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25H0325-01	CT91268	08/07/25
BH50579-BLK1	Blank	08/07/25
BH50579-BS1	LCS	08/07/25
BH50579-BS2	LCS	08/07/25

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

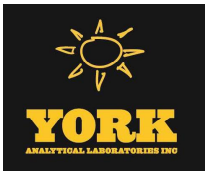
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	ND	0.994	"								
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ND	4.97	"								
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.42*		"	*2.32*		*104*	*40-135*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*40-130*				
Surrogate: M4PFHpA	*2.78*		"	*2.49*		*112*	*40-130*				
Surrogate: M3PFHxS	*2.46*		"	*2.36*		*104*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

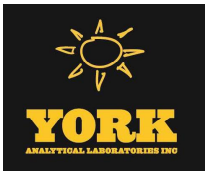
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
Blank (BH50579-BLK1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.69*		*ug/kg wet*	*2.49*		*108*	*40-130*				
Surrogate: M6PFDA	*1.22*		*"*	*1.24*		*98.4*	*40-130*				
Surrogate: M7PFUdA	*1.23*		*"*	*1.24*		*99.4*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		*"*	*1.24*		*81.5*	*40-130*				
Surrogate: M2PFTeDA	*0.932*		*"*	*1.24*		*75.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		*"*	*9.94*		*111*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.27*		*"*	*2.38*		*95.4*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.62*		*"*	*4.97*		*113*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.45*		*"*	*2.49*		*98.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.37*		*"*	*4.97*		*87.9*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.15*		*"*	*4.97*		*104*	*40-150*				
Surrogate: M2-6:2 FTS	*5.43*		*"*	*4.73*		*115*	*40-215*				
Surrogate: M2-8:2 FTS	*5.09*		*"*	*4.77*		*107*	*40-275*				
Surrogate: M9PFNA	*1.37*		*"*	*1.24*		*110*	*40-130*				
Surrogate: M2-4:2 FTS	*5.15*		*"*	*4.66*		*111*	*40-165*				
Surrogate: d-N-MeFOSA	*1.94*		*"*	*2.49*		*78.2*	*10-130*				
Surrogate: d-N-EtFOSA	*2.14*		*"*	*2.49*		*86.0*	*10-130*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*107*	*40-130*				
Surrogate: d9-N-EtFOSE	*22.4*		*"*	*24.9*		*90.1*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.8*	*20-130*				
LCS (BH50579-BS1)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	3.87	0.176	ug/kg wet	3.53		110	65-145				
Perfluorohexanoic acid (PFHxA)	4.51	0.199	"	3.98		113	65-140				
Perfluoroheptanoic acid (PFHpA)	4.54	0.199	"	3.98		114	65-145				
Perfluorohexanesulfonic acid (PFHxS)	4.16	0.182	"	3.65		114	60-150				
Perfluorooctanoic acid (PFOA)	4.00	0.199	"	3.98		100	70-150				
Perfluorooctanesulfonic acid (PFOS)	3.88	0.185	"	3.71		105	65-160				
Perfluorononanoic acid (PFNA)	4.13	0.199	"	3.98		104	70-155				
Perfluorodecanoic acid (PFDA)	4.46	0.199	"	3.98		112	70-155				
Perfluoroundecanoic acid (PFUnA)	4.51	0.199	"	3.98		113	70-155				
Perfluorododecanoic acid (PFDoA)	4.97	0.199	"	3.98		125	70-150				
Perfluorotridecanoic acid (PFTrDA)	5.03	0.199	"	3.98		126	65-150				
Perfluorotetradecanoic acid (PFTA)	4.52	0.199	"	3.98		113	65-150				
N-MeFOSAA	4.47	0.199	"	3.98		112	65-155				
N-EtFOSAA	4.73	0.199	"	3.98		119	65-165				
Perfluoropentanoic acid (PFPeA)	8.70	0.398	"	7.97		109	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.41	0.199	"	3.98		111	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.05	0.199	"	3.80		107	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	3.54	0.192	"	3.84		92.0	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	17.5	0.757	"	15.1		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.1	0.765	"	15.3		118	70-150				
Perfluoro-n-butanoic acid (PFBA)	18.2	0.797	"	15.9		114	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.23	0.355	"	7.09		116	70-140				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

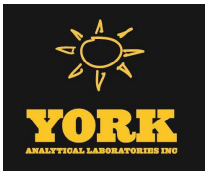
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS1)								Prepared: 08/07/2025 Analyzed: 08/11/2025			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9.64	0.398	ug/kg wet	7.97		121	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.09	0.398	"	7.97		114	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	9.29	0.398	"	7.97		117	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.36	0.187	"	3.75		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.3	0.747	"	14.9		116	60-150				
HFPO-DA (Gen-X)	8.41	0.797	"	7.97		105	70-145				
11CL-PF3OUdS	6.34	0.753	"	7.53		84.2	45-160				
9CL-PF3ONS	7.14	0.745	"	7.45		95.9	70-150				
ADONA	9.09	0.753	"	7.53		121	70-160				
Perfluorododecanesulfonic acid (PFDoS)	3.20	0.193	"	3.86		82.9	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.65	0.191	"	3.82		95.4	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	19.1	0.996	"	15.9		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	97.3	4.98	"	79.7		122	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	94.9	4.98	"	79.7		119	60-150				
N-MeFOSE	42.8	1.99	"	39.8		107	70-140				
N-MeFOSA	4.92	0.199	"	3.98		124	70-155				
N-EtFOSE	43.0	1.99	"	39.8		108	70-135				
N-EtFOSA	4.17	0.199	"	3.98		105	70-140				
Surrogate: M3PFBS	*2.46*		"	*2.32*		*106*	*40-135*				
Surrogate: M5PFHxA	*2.53*		"	*2.49*		*102*	*40-130*				
Surrogate: M4PFHpA	*2.74*		"	*2.49*		*110*	*40-130*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.5*	*40-130*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.81*		"	*2.49*		*113*	*40-130*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.7*	*40-130*				
Surrogate: M7PFUdA	*1.17*		"	*1.25*		*93.6*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.953*		"	*1.25*		*76.5*	*40-130*				
Surrogate: M2PFTeDA	*0.970*		"	*1.25*		*77.9*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*9.96*		*113*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.14*		"	*2.39*		*89.7*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.21*		"	*4.98*		*105*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.18*		"	*2.49*		*87.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.17*		"	*4.98*		*83.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*4.38*		"	*4.98*		*88.0*	*40-150*				
Surrogate: M2-6:2 FTS	*4.73*		"	*4.74*		*99.8*	*40-215*				
Surrogate: M2-8:2 FTS	*4.37*		"	*4.78*		*91.4*	*40-275*				
Surrogate: M9PFNA	*1.33*		"	*1.25*		*107*	*40-130*				
Surrogate: M2-4:2 FTS	*4.60*		"	*4.67*		*98.5*	*40-165*				
Surrogate: d-N-MeFOSA	*1.72*		"	*2.49*		*69.0*	*10-130*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.49*		*72.7*	*10-130*				
Surrogate: M3HFPO-DA	*10.1*		"	*9.96*		*101*	*40-130*				
Surrogate: d9-N-EtFOSE	*18.9*		"	*24.9*		*75.9*	*15-130*				
Surrogate: d7-N-MeFOSE	*20.0*		"	*24.9*		*80.3*	*20-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

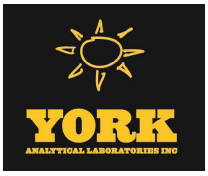
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS2)								Prepared: 08/07/2025 Analyzed: 08/11/2025			
Perfluorobutanesulfonic acid (PFBS)	0.400	0.176	ug/kg wet	0.353		113	65-145				
Perfluorohexanoic acid (PFHxA)	0.482	0.199	"	0.398		121	65-140				
Perfluoroheptanoic acid (PFHpA)	0.411	0.199	"	0.398		103	65-145				
Perfluorohexanesulfonic acid (PFHxS)	0.422	0.182	"	0.365		116	60-150				
Perfluorooctanoic acid (PFOA)	0.450	0.199	"	0.398		113	70-150				
Perfluorooctanesulfonic acid (PFOS)	0.461	0.185	"	0.371		124	65-160				
Perfluorononanoic acid (PFNA)	0.451	0.199	"	0.398		113	70-155				
Perfluorodecanoic acid (PFDA)	0.425	0.199	"	0.398		107	70-155				
Perfluoroundecanoic acid (PFUnA)	0.433	0.199	"	0.398		109	70-155				
Perfluorododecanoic acid (PFDoA)	0.458	0.199	"	0.398		115	70-150				
Perfluorotridecanoic acid (PFTrDA)	0.459	0.199	"	0.398		115	65-150				
Perfluorotetradecanoic acid (PFTA)	0.398	0.199	"	0.398		99.9	65-150				
N-MeFOSAA	0.425	0.199	"	0.398		107	65-155				
N-EtFOSAA	0.431	0.199	"	0.398		108	65-165				
Perfluoropentanoic acid (PFPeA)	0.882	0.398	"	0.797		111	60-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.458	0.199	"	0.398		115	70-140				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.471	0.199	"	0.380		124	65-155				
Perfluoro-1-decanesulfonic acid (PFDS)	0.436	0.192	"	0.384		113	40-155				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.75	0.757	"	1.51		116	55-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.86	0.765	"	1.53		122	70-150				
Perfluoro-n-butanoic acid (PFBA)	1.73	0.797	"	1.59		109	70-140				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.880	0.355	"	0.709		124	70-140				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.01	0.398	"	0.797		127	60-155				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.01	0.398	"	0.797		127	30-140				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.02	0.398	"	0.797		128	60-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.436	0.187	"	0.375		116	55-160				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.72	0.747	"	1.49		115	60-150				
HFPO-DA (Gen-X)	0.991	0.797	"	0.797		124	70-145				
11CL-PF3OUdS	0.691	0.753	"	0.753		91.7	45-160				
9CL-PF3ONS	0.696	0.745	"	0.745		93.4	70-150				
ADONA	0.791	0.753	"	0.753		105	70-160				
Perfluorododecanesulfonic acid (PFDoS)	0.355	0.193	"	0.386		92.0	25-160				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.478	0.191	"	0.382		125	55-140				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	1.91	0.996	"	1.59		120	45-130				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	9.59	4.98	"	7.97		120	60-130				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	10.2	4.98	"	7.97		129	60-150				
N-MeFOSE	4.55	1.99	"	3.98		114	70-140				
N-MeFOSA	0.416	0.199	"	0.398		104	70-155				
N-EtFOSE	4.60	1.99	"	3.98		115	70-135				
N-EtFOSA	0.460	0.199	"	0.398		116	70-140				
Surrogate: M3PFBS	*2.45*		*"*	*2.32*		*105*	*40-135*				
Surrogate: M5PFHxA	*2.58*		*"*	*2.49*		*103*	*40-130*				
Surrogate: M4PFHpA	*2.87*		*"*	*2.49*		*115*	*40-130*				
Surrogate: M3PFHxS	*2.33*		*"*	*2.36*		*98.5*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

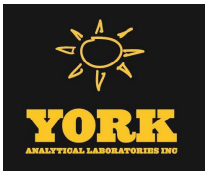
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50579 - EPA 1633 Prep											
LCS (BH50579-BS2)									Prepared: 08/07/2025 Analyzed: 08/11/2025		
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		*ug/kg wet*	*2.49*		*109*	*40-130*				
Surrogate: M6PFDA	*1.23*		*"*	*1.25*		*98.7*	*40-130*				
Surrogate: M7PFUdA	*1.27*		*"*	*1.25*		*102*	*40-130*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.13*		*"*	*1.25*		*90.6*	*40-130*				
Surrogate: M2PFTeDA	*1.13*		*"*	*1.25*		*91.0*	*20-130*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		*"*	*9.96*		*112*	*8-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.39*		*86.9*	*40-130*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.53*		*"*	*4.98*		*111*	*35-130*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.28*		*"*	*2.49*		*91.5*	*40-130*				
Surrogate: d3-N-MeFOSAA	*4.67*		*"*	*4.98*		*93.8*	*40-135*				
Surrogate: d5-N-EtFOSAA	*5.08*		*"*	*4.98*		*102*	*40-150*				
Surrogate: M2-6:2 FTS	*5.38*		*"*	*4.74*		*114*	*40-215*				
Surrogate: M2-8:2 FTS	*5.03*		*"*	*4.78*		*105*	*40-275*				
Surrogate: M9PFNA	*1.20*		*"*	*1.25*		*96.4*	*40-130*				
Surrogate: M2-4:2 FTS	*5.41*		*"*	*4.67*		*116*	*40-165*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.49*		*76.9*	*10-130*				
Surrogate: d-N-EtFOSA	*1.87*		*"*	*2.49*		*75.1*	*10-130*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.96*		*115*	*40-130*				
Surrogate: d9-N-EtFOSE	*21.7*		*"*	*24.9*		*87.0*	*15-130*				
Surrogate: d7-N-MeFOSE	*21.8*		*"*	*24.9*		*87.7*	*20-130*				
Batch S5H1119 - BH50481											
Performance Mix (S5H1119-PEM1)									Prepared & Analyzed: 08/11/2025		
Perfluorobutanesulfonic acid (PFBS)	2.18		ng/mL	2.22		98.4	0-200				
Perfluorohexanoic acid (PFHxA)	2.47		"	2.50		98.9	0-200				
Perfluoroheptanoic acid (PFHpA)	2.58		"	2.50		103	0-200				
Perfluorohexanesulfonic acid (PFHxS)	2.35		"	2.28		103	0-200				
Perfluorooctanoic acid (PFOA)	2.36		"	2.50		94.4	0-200				
Perfluorooctanesulfonic acid (PFOS)	2.10		"	2.32		90.4	0-200				
Perfluorononanoic acid (PFNA)	2.39		"	2.50		95.4	0-200				
Perfluorodecanoic acid (PFDA)	2.48		"	2.50		99.1	0-200				
Perfluoroundecanoic acid (PFUnA)	2.07		"	2.50		82.9	0-200				
Perfluorododecanoic acid (PFDoA)	2.64		"	2.50		106	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.74		"	2.50		110	0-200				
Perfluorotetradecanoic acid (PFTA)	2.49		"	2.50		99.7	0-200				
N-MeFOSAA	2.30		"	2.50		92.0	0-200				
N-EtFOSAA	2.31		"	2.50		92.3	0-200				
Perfluoropentanoic acid (PFPeA)	4.90		"	5.00		98.0	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.40		"	2.50		96.2	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.16		"	2.38		90.7	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	2.13		"	2.41		88.3	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	9.95		"	9.50		105	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	10.1		"	9.60		106	0-200				
Perfluoro-n-butanoic acid (PFBA)	9.65		"	10.0		96.5	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

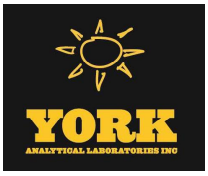
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H1119 - BH50481											
Performance Mix (S5H1119-PEM1)								Prepared & Analyzed: 08/11/2025			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.75		ng/mL	4.45		107	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.20		"	5.00		104	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.72		"	5.00		94.3	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	5.02		"	5.00		100	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.20		"	2.35		93.8	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	9.65		"	9.38		103	0-200				
HFPO-DA (Gen-X)	9.91		"	10.0		99.1	0-200				
11CL-PF3OUdS	10.5		"	9.45		112	0-200				
9CL-PF3ONS	10.7		"	9.35		114	0-200				
ADONA	10.6		"	9.45		112	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.34		"	2.42		96.7	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.49		"	2.40		104	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.3		"	12.5		106	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	68.6		"	62.6		110	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	73.2		"	62.6		117	0-200				
N-MeFOSE	24.8		"	25.0		99.1	0-200				
N-MeFOSA	2.44		"	2.50		97.4	0-200				
N-EtFOSE	24.3		"	25.0		97.1	0-200				
N-EtFOSA	2.52		"	2.50		101	0-200				
Surrogate: M3PFBS	*2.19*		*"*	*2.33*		*94.2*	*0-200*				
Surrogate: M5PFHxA	*2.28*		*"*	*2.50*		*91.4*	*0-200*				
Surrogate: M4PFHpA	*2.44*		*"*	*2.50*		*97.6*	*0-200*				
Surrogate: M3PFHxS	*2.16*		*"*	*2.37*		*91.3*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.39*		*"*	*2.50*		*95.6*	*0-200*				
Surrogate: M6PFDA	*1.14*		*"*	*1.25*		*91.3*	*0-200*				
Surrogate: M7PFUdA	*1.35*		*"*	*1.25*		*108*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		*"*	*1.25*		*88.8*	*0-200*				
Surrogate: M2PFTeDA	*1.12*		*"*	*1.25*		*89.2*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		*"*	*2.40*		*98.7*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*5.00*		*95.9*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.46*		*"*	*2.50*		*98.2*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.04*		*"*	*5.00*		*101*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.52*		*"*	*5.00*		*110*	*0-200*				
Surrogate: M2-6:2 FTS	*5.01*		*"*	*4.76*		*105*	*0-200*				
Surrogate: M2-8:2 FTS	*4.63*		*"*	*4.80*		*96.5*	*0-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.25*		*93.3*	*0-200*				
Surrogate: M2-4:2 FTS	*4.35*		*"*	*4.69*		*92.7*	*0-200*				
Surrogate: d-N-MeFOSA	*2.49*		*"*	*2.50*		*99.7*	*0-200*				
Surrogate: d-N-EtFOSA	*2.45*		*"*	*2.50*		*97.9*	*0-200*				
Surrogate: M3HFPO-DA	*9.37*		*"*	*10.0*		*93.7*	*0-200*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H1119 - BH50481											
Performance Mix (S5H1119-PEM1)							Prepared & Analyzed: 08/11/2025				
Surrogate: d9-N-EtFOSE	*25.7*		*ng/mL*	*25.0*		*103*	*0-200*				
Surrogate: d7-N-MeFOSE	*25.6*		*"*	*25.0*		*102*	*0-200*				
Batch S5H1208 - BH50579											
Performance Mix (S5H1208-PEM1)							Prepared & Analyzed: 08/11/2025				
Perfluorobutanesulfonic acid (PFBS)	2.18		ng/mL	2.22		98.4	0-200				
Perfluorohexanoic acid (PFHxA)	2.47		"	2.50		98.9	0-200				
Perfluoroheptanoic acid (PFHpA)	2.58		"	2.50		103	0-200				
Perfluorohexanesulfonic acid (PFHxS)	2.35		"	2.28		103	0-200				
Perfluorooctanoic acid (PFOA)	2.36		"	2.50		94.4	0-200				
Perfluorooctanesulfonic acid (PFOS)	2.10		"	2.32		90.4	0-200				
Perfluorononanoic acid (PFNA)	2.39		"	2.50		95.4	0-200				
Perfluorodecanoic acid (PFDA)	2.48		"	2.50		99.1	0-200				
Perfluoroundecanoic acid (PFUnA)	2.07		"	2.50		82.9	0-200				
Perfluorododecanoic acid (PFDoA)	2.64		"	2.50		106	0-200				
Perfluorotridecanoic acid (PFTrDA)	2.74		"	2.50		110	0-200				
Perfluorotetradecanoic acid (PFTA)	2.49		"	2.50		99.7	0-200				
N-MeFOSAA	2.30		"	2.50		92.0	0-200				
N-EtFOSAA	2.31		"	2.50		92.3	0-200				
Perfluoropentanoic acid (PFPeA)	4.90		"	5.00		98.0	0-200				
Perfluoro-1-octanesulfonamide (FOSA)	2.40		"	2.50		96.2	0-200				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.16		"	2.38		90.7	0-200				
Perfluoro-1-decanesulfonic acid (PFDS)	2.13		"	2.41		88.3	0-200				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	9.95		"	9.50		105	0-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	10.1		"	9.60		106	0-200				
Perfluoro-n-butanoic acid (PFBA)	9.65		"	10.0		96.5	0-200				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.75		"	4.45		107	0-200				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.20		"	5.00		104	0-200				
Perfluoro-4-oxapentanoic acid (PFMPA)	4.72		"	5.00		94.3	0-200				
Perfluoro-5-oxahexanoic acid (PFMBA)	5.02		"	5.00		100	0-200				
Perfluoro-1-pentanesulfonate (PFPeS)	2.20		"	2.35		93.8	0-200				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	9.65		"	9.38		103	0-200				
HFPO-DA (Gen-X)	9.91		"	10.0		99.1	0-200				
11CL-PF3OUdS	10.5		"	9.45		112	0-200				
9CL-PF3ONS	10.7		"	9.35		114	0-200				
ADONA	10.6		"	9.45		112	0-200				
Perfluorododecanesulfonic acid (PFDoS)	2.34		"	2.42		96.7	0-200				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.49		"	2.40		104	0-200				
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3FTCA)	13.3		"	12.5		106	0-200				
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	68.6		"	62.6		110	0-200				
2H,2H,3H,3H-Perfluorodecanoic acid (7:3FTCA)	73.2		"	62.6		117	0-200				
N-MeFOSE	24.8		"	25.0		99.1	0-200				
N-MeFOSA	2.44		"	2.50		97.4	0-200				
N-EtFOSE	24.3		"	25.0		97.1	0-200				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch S5H1208 - BH50579											
Performance Mix (S5H1208-PEM1)							Prepared & Analyzed: 08/11/2025				
N-EtFOSA	2.52		ng/mL	2.50		101	0-200				
Surrogate: M3PFBS	*2.19*		*"*	*2.33*		*94.2*	*0-200*				
Surrogate: M5PFHxA	*2.28*		*"*	*2.50*		*91.4*	*0-200*				
Surrogate: M4PFHpA	*2.44*		*"*	*2.50*		*97.6*	*0-200*				
Surrogate: M3PFHxS	*2.16*		*"*	*2.37*		*91.3*	*0-200*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.39*		*"*	*2.50*		*95.6*	*0-200*				
Surrogate: M6PFDA	*1.14*		*"*	*1.25*		*91.3*	*0-200*				
Surrogate: M7PFUdA	*1.35*		*"*	*1.25*		*108*	*0-200*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.11*		*"*	*1.25*		*88.8*	*0-200*				
Surrogate: M2PFTeDA	*1.12*		*"*	*1.25*		*89.2*	*0-200*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.0*		*"*	*10.0*		*100*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		*"*	*2.40*		*98.7*	*0-200*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*5.00*		*95.9*	*0-200*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.46*		*"*	*2.50*		*98.2*	*0-200*				
Surrogate: d3-N-MeFOSAA	*5.04*		*"*	*5.00*		*101*	*0-200*				
Surrogate: d5-N-EtFOSAA	*5.52*		*"*	*5.00*		*110*	*0-200*				
Surrogate: M2-6:2 FTS	*5.01*		*"*	*4.76*		*105*	*0-200*				
Surrogate: M2-8:2 FTS	*4.63*		*"*	*4.80*		*96.5*	*0-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.25*		*93.3*	*0-200*				
Surrogate: M2-4:2 FTS	*4.35*		*"*	*4.69*		*92.7*	*0-200*				
Surrogate: d-N-MeFOSA	*2.49*		*"*	*2.50*		*99.7*	*0-200*				
Surrogate: d-N-EtFOSA	*2.45*		*"*	*2.50*		*97.9*	*0-200*				
Surrogate: M3HFPO-DA	*9.37*		*"*	*10.0*		*93.7*	*0-200*				
Surrogate: d9-N-EtFOSE	*25.7*		*"*	*25.0*		*103*	*0-200*				
Surrogate: d7-N-MeFOSE	*25.6*		*"*	*25.0*		*102*	*0-200*				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH50553 - % Solids Prep											
Duplicate (BH50553-DUP1)	*Source sample: 25H0325-01 (CT91268)							Prepared & Analyzed: 08/07/2025			
% Solids	92.2	0.100	%		92.9				0.758	20	

Sample and Data Qualifiers Relating to This Work Order

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

25H0325

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

Temp 1.9 °C Pg of

CHAIN OF CUSTODY RECORD

Page 1 of 1

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax: 860-645-0823
☐ Phone: 800-827-5426
☐ Email: HelenG@PhoenixLabs.com

Customer: York Analytical Laboratories, Inc.
Address: 132-02 89th Avenue
Richmond Hill, NY

Project #: GCT91268
Report to: HelenG@PhoenixLabs.com / Helen Geoghegan
Invoice to: AccountsPayable@PhoenixLabs.com
Quote# :

Project P.O: GCT91268

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

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

Analysis Request

Phoenix Sample ID	Sample Comment	Sample Matrix	Date Sampled	Time Sampled	PFAS (40) by EPA 1633 EPA 1633 (draft)	8oz HDPE Plastic As Is
CT91268		SOIL	8/4/2025	10:30 AM	x	1

Relinquished by:	Accepted by:	Date:	Time:
		8/6/25	0700
	8/6/25	13:18	

Comments, Special Requirements or Regulations:

Please send notice as soon as possible not exceeding 24 hours of obtaining valid data, of the results of all drinking water samples that exceed any EPA or Department-established maximum contaminant level, maximum residual disinfectant level or reportable concentration.

Please notify Phoenix Environmental Laboratories, Inc. immediately and prior to conducting analysis if certification is not held for the analyses requested.

Turnaround:
☐ 1 Day
☐ 2 Days
☐ 3 Days
☐ 5 Days
☐ 10 Days
☒ Standard
☒ Other 4

Report Type:
☒ Standard PDF
☐ Full Data Package
☐ NJ Reduced Deliverable
☐ NJ Full Deliverable
☐ NY ASP B

What State were samples collected?
NY

EDD Format:
☐ Excel
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other:_____

State Criteria:
NY: 375 Residential Restricted
NY: 375 Soil GWP

Outlook

RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

From Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Date Tue 9/9/2025 9:55 AM
To Nicholas Palumbo <npalumbo@langan.com>
Cc O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>

Nick,
The Department has reviewed the request dated September 5, 2025 to import approximately 10,000 cubic yards of general fill material from Earth Tech Recycling Inc. (6 NYCRR Part 360 Registration ID Nos. 30C60155 and 30C10155) located at 495 Wood Street in New York. The material will be used for backfill above the demarcation layer between the forthcoming pile-supported platform slab and open-space hardscape/landscape. Based on the information provided, the request is hereby approved.
The proposed fill material meets the lower of the Restricted Residential or Groundwater Protection soil cleanup objectives (SCOs) as provided in Appendix 5 of DER-10 and the guidance document “Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC’s Part 375 Remedial Programs. Therefore, this material may be placed above the demarcation layer.
Testing in accordance with DER-10, the Site Management Plan and approval by the Department is required for any additional material imported from this source. Should you have any questions, please contact me.
Thank you,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Friday, September 5, 2025 5:38 PM
To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

The contractor completed the additional PFAS sampling to meet the full suite and frequency specified in DER-10. Please find the complete import request at the link below for 10,000 cubic yards of Clean Fill from Earth Tech Recycling Inc., located at 495 Wood Street, Oceanside, New York in Nassau County.

The proposed use of the material is to fill above the demarcation layer between the forthcoming pile-supported platform slab and open-space hardscape/landscape. Please let us know if DEC takes any

exception to the proposed import and placement of this material.

https://clients.langan.com/Sharing/filesharing/ViewPosted?transactionHash=1646551685

Name	Type	Size
Request to Import - Earth Tech Recycling Clean Fill #1	.pdf	19.77 MB

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link
www.langan.com

Technical Excellence • Practical Experience • Client Responsiveness

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON OREGON NEVADA CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

From: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Sent: Friday, August 15, 2025 10:28 AM
To: Nicholas Palumbo <npalumbo@langan.com>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

Hi Nick,

We require all imported soil to be sampled in accordance with DER-10 for full suite parameters. Please submit a full request to import form for tis material.

Thanks,

Wendi Zheng
New York State Department of Environmental Conservation
P: (718) 482-7541 | wendi.zheng@dec.ny.gov

NYSDEC has a new File Transfer System. We no longer accept third-party links. You can send large files to me here:
https://mysend.ny.gov:443/nys/send/to/user/wendizhengdecnygov

---

From: Nicholas Palumbo <npalumbo@langan.com>
Sent: Thursday, August 14, 2025 10:09 AM

To: Zheng, Wendi Y (DEC) <Wendi.Zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; gnicholls@langan.com; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: RE: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Wendi,

Attached are the results for the rushed PFAS composite sample. The data meets the Restricted-Residential and Protection of Groundwater SCOs.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link
www.langan.com

Technical Excellence • Practical Experience • Client Responsiveness

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON OREGON NEVADA CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

From: Nicholas Palumbo
Sent: Thursday, August 7, 2025 11:30 AM
To: Zheng, Wendi Y (DEC) <wendi.zheng@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Obligado, Andre A (DEC) <andre.obligado@dec.ny.gov>; Gerald Nicholls <gnicholls@Langan.com>; Elizabeth Burgess <eburgess@langan.com>; PJ Dinardo <pdinardo@langan.com>
Subject: Willets Point Triangle Parcel (C241146E) - Earth Tech Recycling Inc. Clean Fill #1

Hi Wendi,

As discussed earlier this week, the contractor at Willets Point Triangle Parcel (Triumph Construction) is proposing to import 10,000 cubic yards of Clean Fill from Earth Tech Recycling Inc., a Part 360-registered facility located at 495 Wood Street, Oceanside, New York in Nassau County. The contractor is proposing a reduced sampling frequency for PFAS (4 of the 11 required composite soil samples) and provided the attached submittal which includes two letters from the Professional Geologist who performed the soil sampling (Taylord Environmental), a sieve analysis, the Facility's Part 360 registration, a sample location map, and laboratory analytical data and reports.

Langan reviewed the attached submittal and with the exception of PFAS analysis, the sampling frequency and analytical parameters are in accordance with DER-10, the NYSDEC-approved August 30, 2024 Site Management Plan, and the analytical results meet the lower of the Restricted-Residential and Protection of Groundwater SCOs. The August 5, 2025 Letter from Taylord Environmental requests PFAS sample analysis at 4 of the 11 composite sample locations (ET-Comp1, ET-Comp3, ET-Comp7, ET-Comp11) and states that *soil and rock that enter the facility are generated by residential sites in Nassau and Suffolk Counties and that PFAS are not a contaminant of concern for this recycling facility, based on the inbound origins.*

Please let us know if DEC would accept this reduced PFAS sampling frequency.

Sincerely,
Nick

Nick Palumbo
Project Engineer

LANGAN

Direct: 212.479.5435
Mobile: 917.301.1896
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
368 Ninth Avenue
8th Floor
New York, NY 10001-2727
www.langan.com

Technical Excellence • Practical Experience • Client Responsiveness

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON OREGON NEVADA CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.
This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

APPENDIX N

SITE MANAGEMENT PLAN FORMS

SITE MANAGEMENT FORM

Site Name: Willet Point Development Triangle Parcel Location: Queens, NY Project Number: 170197605

Inspector Name: ___Anthony Grippo_____ Date: __1/28/26_____ Weather Conditions: ____Clear __23 F_____

Reason for Inspection (i.e., routine, severe condition, etc.): _____Routine_____

Check one of the following: **Y:** Yes **N:** No **NA**: Not Applicable

		Y	N	NA	Normal Situation	Remarks
	General					
1	What are the current site conditions?					Open space construction activities are ongoing.
	Composite Cover System					
2	Are there any indications of a breach in the capping system at the time of this inspection?					The composite cover system was observed to be temporarily breached in the northwestern part of the site for ongoing excavation and disposal of non-native fill as part of open space construction activities.
3	At the time of this inspection, is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that breached the floor slab?	x				The composite cover system was breached during open space construction activities and is being restored with imported clean fill, gravel, and/or a 12- to 18-inch pile-supported concrete slab.
4	If YES to number 3, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed?					Documentation of compliance with the Site Management Plan, including the Excavation Work Plan, HASP, and CAMP is included in this Periodic Review Report.
	Groundwater Containment Wall					
5	Are there any indications of damage to the contaiment wall at the time of this inspection?			X		
6	At the time of this inspection, is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that affected or damaged the containment wall?			X		
7	If YES to number 3, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed?			X		

*** **If the answer to any of the above questions indicate non-compliance with ECs for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.**

Additional remarks:

Minimum Inspection Schedule: Site-wide inspections will be conducted annually, per certification year, at a minimum. Additional inspections will also be conducted at times of severe weather condition events. All inspection events will utilize this checklist.

Summary of Green Remediation Metrics for Site Management

Site Name: Willets Point Development Triangle Site Code: C241146E
Address: 38-27 126th Street City: Queens
State: NY Zip Code: 11368 County: Queens

Initial Report Period (Start Date of period covered by the Initial Report submittal)
Start Date: August 16, 2024

Current Reporting Period
Reporting Period From: September 10, 2024 To: January 10, 2026

Contact Information
Preparer's Name: Nicholas Palumbo Phone No.: 212-479-5400
Preparer's Affiliation: Langan Engineering

I. Energy Usage: Quantify the amount of energy used directly on-site and the portion of that derived from renewable energy sources.

	Current Reporting Period	**Total to Date**
Fuel Type 1 (e.g. natural gas (cf))	NA	NA
Fuel Type 2 (e.g. fuel oil, propane (gals))	13,734	13,734
Electricity (kWh)	2,363	2,363
Of that Electric usage, provide quantity:		
Derived from renewable sources (e.g. solar, wind)	None	None
Other energy sources (e.g. geothermal, solar thermal (Btu))	None	None

Provide a description of all energy usage reduction programs for the site in the space provided on Page 3.

II. Solid Waste Generation: Quantify the management of solid waste generated on-site.

	Current Reporting Period (tons)	**Total to Date (tons)**
Total waste generated on-site	16,512.61	16,512.61
OM&M generated waste	NA	NA
Of that total amount, provide quantity:		
Transported off-site to landfills	NA	NA
Transported off-site to other disposal facilities	15,222.61	15,222.61
Transported off-site for recycling/reuse	1,290	1,290
Reused on-site	NA	NA

Provide a description of any implemented waste reduction programs for the site in the space provided on Page 3.

III. Transportation/Shipping: Quantify the distances travelled for delivery of supplies, shipping of laboratory samples, and the removal of waste.

	Current Reporting Period (miles)	**Total to Date (miles)**
Laboratory Courier/Delivery Service	720	720
Waste Removal/Hauling	41,536	41,536
Backfill Import	32,868	32,868

Provide a description of all mileage reduction programs for the site in the space provided on Page 3. Include specifically any local vendor/services utilized that are within 50 miles of the site.

IV. Water Usage: Quantify the volume of water used on-site from various sources.

	Current Reporting Period (gallons)	**Total to Date (gallons)**
Total quantity of water used on-site	NA	NA
Of that total amount, provide quantity:		
Public potable water supply usage	NA	NA
Surface water usage	NA	NA
On-site groundwater usage	NA	NA
Collected or diverted storm water usage	NA	NA

Provide a description of any implemented water consumption reduction programs for the site in the space provided on Page 3.

V. Land Use and Ecosystems: Quantify the amount of land and/or ecosystems disturbed and the area of land and/or ecosystems restored to a pre-development condition (i.e. Green Infrastructure).

	Current Reporting Period (acres)	**Total to Date (acres)**
Land disturbed	2.311	2.311
Land restored	-	-

Provide a description of any implemented land restoration/green infrastructure programs for the site in the space provided on Page 3.

Description of green remediation programs reported above
(Attach additional sheets if needed)

Energy Usage:

Energy usage during the reporting period was related to ongoing construction and redevelopment of the site.

Waste Generation:

During the reporting period soil/fill was transported off-site to approved disposal facilities in relation to the ongoing construction and redevelopment of the site.

Clean fill was exported to the Willets Point Development Phase I Senior Housing site (BCP Site No. C241146B) to be reused.

Transportation/Shipping:

During the reporting period, fuel usage was required for site management activities as follows:

- Langan Personnel: Originating at the Langan office in NYC, a total of 173 trips to/from the site were conducted for the documentation of compliance with the August 16, 2024 SMP during excavation, soil and fill disposal, site cover system restoration, and backfill import.
- Sample Couriers (Waste Characterization): Originating at the York Analytical Laboratory office in Stratford, Connecticut, 24 trips to/from the site were conducted for the waste characterization.
- Sample Couriers (Underground Storage Tank): Originating at the Pace Analytical Services center in Westborough, Massachusetts, 1 trip to/from the site was conducted for the underground storage tank (UST) sampling event.
- Screening/sampling equipment: Originating at the Langan office in NYC, a total of 3 trips to/from the site were conducted for drop off or pick up of screening/sampling equipment used during the ongoing redevelopment activities.
- Soil/Fill Disposal: Originating at two disposal facilities (Bayshore Soil Management and Cycle Chem Inc.), 508 trips to/from the site were conducted to facilitate off-site disposal of soil and fill generated during redevelopment activities.
- Backfill Import: Originating at two import facilities (Callanan Industries and Earth Tech Recycling), 496 trips to/from the site were conducted to facilitate redevelopment activities.

The majority of vendors and disposal facilities selected for the site were located within 50 miles from the site, with the exception of the analytical laboratories.

Water usage:

Water usage considers sources of water for tasks such as decontamination, irrigation, etc. No on-site potable water was used during the on-site construction or sampling events.

Land Use and Ecosystems: Redevelopment activities during the reporting period included building and infrastructure redevelopment which required disturbance throughout the entire site footprint.
Other:

CONTRACTOR CERTIFICATION
I, _____ (**Name**) do hereby certify that I am _____(**Title**) of _____(**Contractor Name**), which is responsible for the work documented on this form. According to my knowledge and belief, all of the information provided in this form is accurate and the site management program complies with the DER-10, DER-31, and CP-49 policies. _____ **Date** **Contractor**