



Technical Report

prepared for:

Langan Engineering & Environmental Services (CT)

Long Wharf Maritime Center, 555 Long Wharf Drive

New Haven CT, 06511-6107

Attention: Elyssa Schwendy

Report Date: 04/01/2024

Client Project ID: 140265101

York Project (SDG) No.: 24B1014

Revision No. 1.0



CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037

New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 04/01/2024
Client Project ID: 140265101
York Project (SDG) No.: 24B1014

Langan Engineering & Environmental Services (CT)
Long Wharf Maritime Center, 555 Long Wharf Drive
New Haven CT, 06511-6107
Attention: Elyssa Schwendy

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 February 19, 2024 and listed below. The project was identified as your project: **140265101**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24B1014-01	CMS_WC_Topsoil	Soil	02/19/2024	02/19/2024
24B1014-02	CMS_WC_Subbase	Soil	02/19/2024	02/19/2024
24B1014-03	CMS_WC_Fill1	Soil	02/19/2024	02/19/2024
24B1014-04	CMS_WC_Fill2	Soil	02/19/2024	02/19/2024
24B1014-05	CMS_WC_Fill3	Soil	02/19/2024	02/19/2024

General Notes for York Project (SDG) No.: 24B1014

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; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By



Cassie L. Mosher
Laboratory Manager

Date: 04/01/2024





Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 17:33	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 17:33	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 17:33	SMA
78-93-3	2-Butanone	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
95-49-8	2-Chlorotoluene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
106-43-4	4-Chlorotoluene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
67-64-1	Acetone	ND	ICVE	ug/kg dry	23	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
71-43-2	Benzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
108-86-1	Bromobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
75-25-2	Bromoform	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
74-83-9	Bromomethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
108-90-7	Chlorobenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
75-00-3	Chloroethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
67-66-3	Chloroform	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
74-87-3	Chloromethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 17:33	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	23	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
91-20-3	Naphthalene	ND		ug/kg dry	23	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
95-47-6	o-Xylene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	23	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 17:33	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
100-42-5	Styrene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
127-18-4	Tetrachloroethylene	ND	ICVE	ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	23	1	EPA 8260C Certifications:	02/21/2024 08:00	02/21/2024 17:33	SMA
108-88-3	Toluene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 17:33	SMA



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

York Project (SDG) No. 24B1014

Client Project ID 140265101

Matrix Soil

Collection Date/Time February 19, 2024 11:30 am

Date Received 02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various chemical compounds and a Surrogate Recoveries section.

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various chemical compounds and their analysis results.



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 03:43	ss
95-48-7	2-Methylphenol	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
88-74-4	2-Nitroaniline	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
88-75-5	2-Nitrophenol	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 03:43	ss
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
99-09-2	3-Nitroaniline	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 03:43	ss
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
106-47-8	4-Chloroaniline	ND	QL-02	ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
100-01-6	4-Nitroaniline	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
100-02-7	4-Nitrophenol	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
83-32-9	Acenaphthene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
208-96-8	Acenaphthylene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
62-53-3	Aniline	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
120-12-7	Anthracene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
86-74-8	Carbazole	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
218-01-9	Chrysene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
132-64-9	Dibenzofuran	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 03:43	ss
84-66-2	Diethyl phthalate	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
131-11-3	Dimethyl phthalate	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
206-44-0	Fluoranthene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
86-73-7	Fluorene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
118-74-1	Hexachlorobenzene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/kg dry	1290	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
67-72-1	Hexachloroethane	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
91-20-3	Naphthalene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 03:43	ss
98-95-3	Nitrobenzene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 03:43	ss
82-68-8	Pentachloronitrobenzene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/23/2024 03:43	ss
87-86-5	Pentachlorophenol	ND	CAL-E	ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
85-01-8	Phenanthrene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
108-95-2	Phenol	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
129-00-0	Pyrene	ND		ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss
110-86-1	Pyridine	ND	ICVE	ug/kg dry	646	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 03:43	ss

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	72.4 %	30-130
13127-88-3	Surrogate: SURR: Phenol-d6	67.1 %	30-130
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.9 %	30-130
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.0 %	30-130
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	63.7 %	30-130
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.9 %	30-130

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
72-55-9	4,4'-DDE	0.00890		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
50-29-3	4,4'-DDT	0.0142		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
15972-60-8	Alachlor	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723	02/20/2024 08:25	02/23/2024 00:35	TAH



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
57-74-9	Chlordane, total	ND		mg/kg dry	0.0420	5	EPA 8081B Certifications:	02/20/2024 08:25	02/23/2024 00:35	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	02/20/2024 08:25	02/23/2024 00:35	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
72-20-8	Endrin	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
76-44-8	Heptachlor	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00315	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.0158	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.159	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:35	TAH
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	89.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	95.0 %	30-150							

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:01	TAH



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:01	TAH
50-29-3	4,4'-DDT	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:01	TAH
Surrogate Recoveries		Result					Acceptance Range			
2051-24-3	Surrogate: Decachlorobiphenyl	59.8 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	58.7 %					30-150			

PCB, 8082 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 19:11	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 19:11	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 19:11	NF
1336-36-3	Total PCBs	ND		mg/kg dry	0.0318	1	EPA 8082A Certifications:	02/20/2024 08:25	02/21/2024 19:11	NF
Surrogate Recoveries		Result					Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %					30-150			
2051-24-3	Surrogate: Decachlorobiphenyl	38.5 %					30-150			

HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0253	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:46	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0253	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:46	BCJ
94-75-7	2,4-D	ND		mg/kg dry	0.0253	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:46	BCJ
75-99-0	Dalapon	ND		mg/kg dry	0.0253	1	EPA 8151A Certifications: CTDOH-PH-0723	02/20/2024 08:05	02/20/2024 20:46	BCJ
1918-00-9	Dicamba	ND		mg/kg dry	0.0253	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:46	BCJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (. 89.4 %				21-150					

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	15.6		mg/kg dry	12.1	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 08:19	02/20/2024 16:39	GXB
Surrogate Recoveries		Result			Acceptance Range					
638-68-6	Surrogate: Triacontane 70.2 %				30-150					

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	107	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 09:00	02/20/2024 16:32	BMT
Surrogate Recoveries		Result			Acceptance Range					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene 91.0 %				52-146					

Antimony by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/22/2024 14:14	02/26/2024 16:38	AJL

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

York Project (SDG) No. 24B1014	Client Project ID 140265101	Matrix Soil	Collection Date/Time February 19, 2024 11:30 am	Date Received 02/19/2024
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.0454	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	23.0		mg/kg dry	1.80	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.59		mg/kg dry	1.35	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	221		mg/kg dry	2.25	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	44.7		mg/kg dry	0.451	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	39.4		mg/kg dry	0.451	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	2.42		mg/kg dry	2.25	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.454	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	20.6		mg/kg dry	0.898	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Thallium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	2.25	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:30 am

02/19/2024

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	49.0		mg/kg dry	0.898	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044										

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	85.6		mg/kg dry	2.25	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:38	AJL
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044										

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.132		mg/kg dry	0.0390	1	EPA 7473	02/26/2024 08:19	02/26/2024 12:24	DBT
Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044										

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.649	1	EPA 7196A	02/22/2024 07:54	02/22/2024 13:24	PMB
Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044										

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	44.7		mg/kg	0.500	1	Calculation	02/27/2024 07:43	02/27/2024 10:21	VR
Certifications:										

Conductivity (Specific Conductance)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Conductivity	8.667		umhos/cm	1.000	1	SM 2510B m	02/21/2024 07:40	02/21/2024 10:35	VR
Certifications:										

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.70		pH units	0.500	1	EPA 9045D	02/20/2024 14:29	02/20/2024 18:55	LRS
Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440,NJDEP-CT005										



Sample Information

Client Sample ID: CMS_WC_Topsoil

York Sample ID: 24B1014-01

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:30 am	<u>Date Received</u> 02/19/2024
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Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH-PH-0723,PADEP-68-04440	02/23/2024 14:55	02/23/2024 22:04	SL

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	40.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-04440	02/23/2024 14:57	02/23/2024 22:03	SL

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	02/20/2024 10:31	02/20/2024 13:17	CAM2

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 07:42	02/20/2024 08:37	VR

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	77.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	02/23/2024 07:26	02/23/2024 14:08	sgs

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed	HT-04	N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 11:27	03/22/2024 11:52	TAJ



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:28	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:28	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:28	SMA
78-93-3	2-Butanone	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
67-64-1	Acetone	11	ICVE	ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
71-43-2	Benzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-25-2	Bromoform	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
74-83-9	Bromomethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-00-3	Chloroethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
67-66-3	Chloroform	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
74-87-3	Chloromethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:28	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
91-20-3	Naphthalene	ND	CCVE	ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
95-47-6	o-Xylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:28	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
100-42-5	Styrene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/21/2024 08:00	02/21/2024 12:28	SMA
108-88-3	Toluene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:15 am

02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:28	SMA

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %
2037-26-5	Surrogate: SURR: Toluene-d8	96.2 %
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %

70-130

70-130

70-130

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
90-12-0	1-Methylnaphthalene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/23/2024 23:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
83-32-9	Acenaphthene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
62-53-3	Aniline	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
120-12-7	Anthracene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:15 am

02/19/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 20 rows of chemical analysis data.



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
91-20-3	Naphthalene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/23/2024 23:42	KH
82-68-8	Pentachloronitrobenzene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/23/2024 23:42	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
85-01-8	Phenanthrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
108-95-2	Phenol	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
129-00-0	Pyrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH
110-86-1	Pyridine	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/23/2024 23:42	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	90.1 %	30-130
13127-88-3	Surrogate: SURR: Phenol-d6	88.6 %	30-130
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	95.3 %	30-130
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	83.3 %	30-130
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	128 %	30-130
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.7 %	30-130

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
15972-60-8	Alachlor	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723	02/20/2024 08:25	02/23/2024 00:53	TAH



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	02/20/2024 08:25	02/23/2024 00:53	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	02/20/2024 08:25	02/23/2024 00:53	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
72-20-8	Endrin	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
76-44-8	Heptachlor	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00271	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.0135	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.137	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 00:53	TAH
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	85.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	90.2 %	30-150							

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:19	TAH



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:15 am

02/19/2024

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 4,4'-DDE and 4,4'-DDT, and a Surrogate Recoveries section for Decachlorobiphenyl and Tetrachloro-m-xylene.

PCB, 8082 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various Aroclor compounds and a Surrogate Recoveries section for Tetrachloro-m-xylene and Decachlorobiphenyl.

HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

Table header for Herbicides with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:56	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:56	BCJ
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:56	BCJ
75-99-0	Dalapon	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723	02/20/2024 08:05	02/20/2024 20:56	BCJ
1918-00-9	Dicamba	ND		mg/kg dry	0.0221	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 20:56	BCJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (98.8 %			21-150					

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	13.3		mg/kg dry	11.0	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 08:19	02/20/2024 17:03	GXB
Surrogate Recoveries		Result			Acceptance Range					
638-68-6	Surrogate: Triacontane	72.9 %			30-150					

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	101	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 09:00	02/20/2024 17:06	BMT
Surrogate Recoveries		Result			Acceptance Range					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	88.4 %			52-146					

Antimony by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	2.07	M-CCV 1	mg/kg dry	1.94	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/22/2024 14:14	02/26/2024 16:40	AJL

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:15 am	<u>Date Received</u> 02/19/2024
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.0391	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	21.6		mg/kg dry	1.55	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.59		mg/kg dry	1.16	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	157		mg/kg dry	1.93	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.233	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	52.9		mg/kg dry	0.388	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	19.0		mg/kg dry	0.388	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	2.23		mg/kg dry	1.94	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.391	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	26.4		mg/kg dry	0.772	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Thallium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	1.94	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:40	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:15 am

02/19/2024

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-62-2, Vanadium, 50.6, mg/kg dry, 0.772, 1, EPA 6010D, 02/22/2024 14:14, 02/26/2024 16:40, AJL. Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-66-6, Zinc, 63.7, mg/kg dry, 1.93, 1, EPA 6010D, 02/22/2024 14:14, 02/26/2024 16:40, AJL. Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/kg dry, 0.0335, 1, EPA 7473, 02/26/2024 08:19, 02/26/2024 12:24, DBT. Certifications: CTDOH-PH-0723, NJDEP-CT005, NELAC-NY10854, PADEP-68-044

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 18540-29-9, Chromium, Hexavalent, ND, mg/kg dry, 0.558, 1, EPA 7196A, 02/22/2024 07:54, 02/22/2024 13:24, PMB. Certifications: NJDEP-CT005, CTDOH-PH-0723, NELAC-NY10854, PADEP-68-044

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 16065-83-1, Chromium, Trivalent, 52.9, mg/kg, 0.500, 1, Calculation, 02/27/2024 07:43, 02/27/2024 10:21, VR. Certifications:

Conductivity (Specific Conductance)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: Conductivity, 35.34, umhos/cm, 1.000, 1, SM 2510B m, 02/21/2024 07:40, 02/21/2024 10:35, VR. Certifications:

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: pH, 8.39, pH units, 0.500, 1, EPA 9045D, 02/20/2024 14:29, 02/20/2024 18:55, LRS. Certifications: NELAC-NY10854, CTDOH-PH-0723, PADEP-68-04440, NJDEP-CT005



Sample Information

Client Sample ID: CMS_WC_Subbase

York Sample ID: 24B1014-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:15 am

02/19/2024

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	02/23/2024 14:55	02/23/2024 22:04	SL	
							Certifications: CTDOH-PH-0723,PADEP-68-04440				

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	Reactivity - Sulfide	32.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4	02/23/2024 14:57	02/23/2024 22:03	SL	
							Certifications: CTDOH-PH-0723,PADEP-68-04440				

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	Ignitability	Non-Ignit.		None	1	1	EPA 1030P	02/20/2024 10:31	02/20/2024 13:17	CAM2	
							Certifications:				

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B	02/20/2024 07:42	02/20/2024 08:37	VR	
							Certifications: NELAC-NY10854,NJDEP-CT005				

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	89.6		%	0.100	1	SM 2540G	02/23/2024 07:26	02/23/2024 14:08	sgs	
							Certifications: CTDOH-PH-0723				

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
	SPLP Extraction	Completed	HT-04	N/A	1.00	1	EPA 1312	03/21/2024 11:27	03/22/2024 11:52	TAJ	
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044				



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:54	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:54	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:20 am, 02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Main data table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 20 rows of chemical analysis data.



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 12:54	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	9.6	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
91-20-3	Naphthalene	ND	CCVE	ug/kg dry	9.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
95-47-6	o-Xylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.6	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 12:54	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
100-42-5	Styrene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	9.6	1	EPA 8260C Certifications:	02/21/2024 08:00	02/21/2024 12:54	SMA
108-88-3	Toluene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/21/2024 08:00	02/21/2024 12:54	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 12:54	SMA

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %
2037-26-5	Surrogate: SURR: Toluene-d8	93.0 %
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.1 %

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,NELAC-NY12	02/22/2024 12:30	02/23/2024 01:01	SMA

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.3 %
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Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			84.2-124						
2037-26-5	Surrogate: SURR: Toluene-d8	96.3 %			85-120						

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP-68-04440	02/21/2024 08:14	02/22/2024 00:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854	02/21/2024 08:14	02/22/2024 00:19	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:14	02/22/2024 00:19	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	65.8 %	10-90.9
13127-88-3	Surrogate: SURR: Phenol-d6	49.6 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	97.2 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.3 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	115 %	23-163
1718-51-0	Surrogate: SURR: Terphenyl-d14	96.4 %	25.8-110

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
90-12-0	1-Methylnaphthalene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/24/2024 00:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
83-32-9	Acenaphthene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
62-53-3	Aniline	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
120-12-7	Anthracene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
86-74-8	Carbazole	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
218-01-9	Chrysene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
206-44-0	Fluoranthene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
86-73-7	Fluorene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1190	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
78-59-1	Isophorone	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
91-20-3	Naphthalene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:11	KH
82-68-8	Pentachloronitrobenzene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/24/2024 00:11	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
85-01-8	Phenanthrene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
108-95-2	Phenol	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
129-00-0	Pyrene	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH
110-86-1	Pyridine	ND		ug/kg dry	595	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:11	KH

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:20 am, 02/19/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Surrogate: SURRE: 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, 2,4,6-Tribromophenol, Terphenyl-d14.

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Alachlor, Aldrin, alpha-BHC, beta-BHC, Chlordane, total, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone.



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:20 am, 02/19/2024

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

Main data table for PEST, 8081 ASE RCP MASTER. Columns include CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes surrogate recoveries for Decachlorobiphenyl and Tetrachloro-m-xylene.

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

Main data table for PEST, SPLP RCP MASTER. Columns include CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes surrogate recoveries for Decachlorobiphenyl and Tetrachloro-m-xylene.

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

Main data table for Pesticides, TCLP RCRA List. Columns include CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	99.3 %			30-120						
877-09-8	Surrogate: Tetrachloro-m-xylene	97.0 %			30-120						

PCB, 8082 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:40	NF	
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 09:40	NF	
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 09:40	NF	
1336-36-3	Total PCBs	ND		mg/kg dry	0.0296	1	EPA 8082A Certifications:	02/20/2024 08:25	02/21/2024 09:40	NF	
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %			30-150						
2051-24-3	Surrogate: Decachlorobiphenyl	69.0 %			30-150						

HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:07	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:07	BCJ



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:20 am, 02/19/2024

HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 94-75-7 (2,4-D), 75-99-0 (Dalapon), 1918-00-9 (Dicamba).

Surrogate Recoveries

Result

Acceptance Range

19719-28-9 Surrogate: 2,4-Dichlorophenylacetic acid (. 81.6 %

21-150

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 93-72-1 (2,4,5-TP (Silvex)), 94-75-7 (2,4-D).

Surrogate Recoveries

Result

Acceptance Range

19719-28-9 Surrogate: 2,4-Dichlorophenylacetic acid (. 15.8 %

10-150

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Total Petroleum Hydrocarbons-DRO.

Surrogate Recoveries

Result

Acceptance Range

638-68-6 Surrogate: Triacontane 57.9 %

30-150

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: Total Petroleum Hydrocarbons-GRO.

Surrogate Recoveries

Result

Acceptance Range

460-00-4 Surrogate: SURR: p-Bromofluorobenzene 90.1 %

52-146

Antimony by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:20 am, 02/19/2024

Antimony by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-36-0, Antimony, 2.40, M-CCV 1, mg/kg dry, 2.10, 1, EPA 6010D, 02/22/2024 14:14, 02/26/2024 16:43, AJL. Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-41-7, Beryllium, ND, mg/kg dry, 0.0423, 1, EPA 6010D, 02/22/2024 14:14, 02/26/2024 16:43, AJL. Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7440-50-8, Copper, 28.6, mg/kg dry, 1.68, 1, EPA 6010D, 02/22/2024 14:14, 02/26/2024 16:43, AJL. Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (5.51), Barium (314), Cadmium (ND), Chromium (59.8), Lead (9.77), Selenium (ND), Silver (ND). Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Arsenic (ND), Barium (0.734). Certifications: CTDOH-PH-0723, NELAC-NY10854, NJDEP-CT005, PADEP-68-044



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:20 am

02/19/2024

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Cadmium, Chromium, Lead, Selenium, and Silver.

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Nickel.

Thallium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Thallium.

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Vanadium.

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Zinc.

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0362	1	EPA 7473	02/26/2024 08:21	02/26/2024 15:10	DBT
Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044										

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	02/22/2024 08:38	02/22/2024 08:38	PFA
Certifications: CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440,NELAC-NY108										

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.604	1	EPA 7196A	02/22/2024 15:37	02/22/2024 20:25	SMK
Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044										

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	59.8		mg/kg	0.500	1	Calculation	02/27/2024 07:43	02/27/2024 10:21	VR
Certifications:										

Conductivity (Specific Conductance)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Conductivity	198.8		umhos/cm	1.000	1	SM 2510B m	02/21/2024 07:40	02/21/2024 10:35	VR
Certifications:										

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.31		pH units	0.500	1	EPA 9045D	02/20/2024 14:29	02/20/2024 18:55	LRS
Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440,NJDEP-CT										

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	02/23/2024 14:55	02/23/2024 22:04	SL
Certifications: CTDOH-PH-0723,PADEP-68-04440										



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

York Project (SDG) No. 24B1014	Client Project ID 140265101	Matrix Soil	Collection Date/Time February 19, 2024 11:20 am	Date Received 02/19/2024
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Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	56.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-0444	02/23/2024 14:57	02/23/2024 22:03	SL

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	02/20/2024 10:31	02/20/2024 13:17	CAM2

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 07:42	02/20/2024 08:37	VR

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	82.8		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	02/23/2024 07:26	02/23/2024 14:08	sgs

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed	HT-04	N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 11:27	03/22/2024 11:52	TAJ

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 11:54	02/21/2024 09:14	TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 11:51	02/21/2024 09:12	TAJ



Sample Information

Client Sample ID: CMS_WC_Fill1

York Sample ID: 24B1014-03

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:20 am	<u>Date Received</u> 02/19/2024
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TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 11:49	02/21/2024 09:10	TAJ



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:45 am, 02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Main data table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 20 rows of chemical analysis data.



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 24B1014, 140265101, Soil, February 19, 2024 11:45 am, 02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Main data table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 20 rows of chemical analysis data.



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:45 am	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 13:20	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
91-20-3	Naphthalene	ND	CCVE	ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
95-47-6	o-Xylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:20	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
100-42-5	Styrene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/21/2024 08:00	02/21/2024 13:20	SMA
108-88-3	Toluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:45 am

02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:20	SMA

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %
2037-26-5	Surrogate: SURR: Toluene-d8	93.9 %
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.3 %

70-130

70-130

70-130

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
90-12-0	1-Methylnaphthalene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/24/2024 00:41	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:45 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
83-32-9	Acenaphthene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
62-53-3	Aniline	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
120-12-7	Anthracene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:45 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
86-74-8	Carbazole	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
218-01-9	Chrysene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
206-44-0	Fluoranthene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
86-73-7	Fluorene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1130	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:45 am	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
91-20-3	Naphthalene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 00:41	KH
82-68-8	Pentachloronitrobenzene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/24/2024 00:41	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
85-01-8	Phenanthrene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
108-95-2	Phenol	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
129-00-0	Pyrene	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH
110-86-1	Pyridine	ND		ug/kg dry	566	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 00:41	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	55.7 %	30-130
13127-88-3	Surrogate: SURR: Phenol-d6	52.2 %	30-130
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	57.4 %	30-130
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.4 %	30-130
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	70.0 %	30-130
1718-51-0	Surrogate: SURR: Terphenyl-d14	50.6 %	30-130

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
15972-60-8	Alachlor	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723	02/20/2024 08:25	02/23/2024 01:29	TAH



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:45 am

02/19/2024

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
57-74-9	Chlordane, total	ND		mg/kg dry	0.0379	5	EPA 8081B Certifications:	02/20/2024 08:25	02/23/2024 01:29	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	02/20/2024 08:25	02/23/2024 01:29	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
72-20-8	Endrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
76-44-8	Heptachlor	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.0142	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.144	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:29	TAH
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	95.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %	30-150							

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:55	TAH



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:45 am

02/19/2024

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:55	TAH
50-29-3	4,4'-DDT	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 22:55	TAH
Surrogate Recoveries		Result					Acceptance Range			
2051-24-3	Surrogate: Decachlorobiphenyl	33.4 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	68.5 %					30-150			

PCB, 8082 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 09:56	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 09:56	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 09:56	NF
1336-36-3	Total PCBs	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications:	02/20/2024 08:25	02/21/2024 09:56	NF
Surrogate Recoveries		Result					Acceptance Range			
877-09-8	Surrogate: Tetrachloro-m-xylene	76.5 %					30-150			
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %					30-150			

HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 11:45 am	<u>Date Received</u> 02/19/2024
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HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:18	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:18	BCJ
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:18	BCJ
75-99-0	Dalapon	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723	02/20/2024 08:05	02/20/2024 21:18	BCJ
1918-00-9	Dicamba	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:18	BCJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	<i>Surrogate: 2,4-Dichlorophenylacetic acid (. 86.0 %</i>				<i>21-150</i>					

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.2	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 08:19	02/20/2024 17:51	GXB
Surrogate Recoveries		Result			Acceptance Range					
638-68-6	<i>Surrogate: Triacontane</i>				<i>55.3 %</i>		<i>30-150</i>			

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	95.6	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 09:00	02/20/2024 18:14	BMT
Surrogate Recoveries		Result			Acceptance Range					
460-00-4	<i>Surrogate: SURR: p-Bromofluorobenzene</i>				<i>92.2 %</i>		<i>52-146</i>			

Antimony by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		M-CCV mg/kg dry	2.00	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/22/2024 14:14	02/26/2024 16:45	AJL

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst

Thallium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:45 am

02/19/2024

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	41.5		mg/kg dry	0.798	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:45	AJL
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044										

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	69.8		mg/kg dry	2.00	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:45	AJL
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044										

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	1	EPA 7473	02/26/2024 08:21	02/26/2024 15:10	DBT
Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044										

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.577	1	EPA 7196A	02/22/2024 15:37	02/22/2024 20:25	SMK
Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044										

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	36.3		mg/kg	0.500	1	Calculation	02/27/2024 07:43	02/27/2024 10:21	VR
Certifications:										

Conductivity (Specific Conductance)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Conductivity	103.9		umhos/cm	1.000	1	SM 2510B m	02/21/2024 07:40	02/21/2024 10:35	VR
Certifications:										

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.51		pH units	0.500	1	EPA 9045D	02/20/2024 14:29	02/20/2024 18:55	LRS
Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440,NJDEP-CT005										



Sample Information

Client Sample ID: CMS_WC_Fill2

York Sample ID: 24B1014-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 11:45 am

02/19/2024

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH-PH-0723,PADEP-68-04440	02/23/2024 14:55	02/23/2024 22:04	SL

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	56.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-04440	02/23/2024 14:57	02/23/2024 22:03	SL

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	02/20/2024 10:31	02/20/2024 13:17	CAM2

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 07:42	02/20/2024 08:37	VR

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	86.6		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	02/23/2024 07:26	02/23/2024 14:08	sgs

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed	HT-04	N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 11:27	03/22/2024 11:52	TAJ



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 13:46	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 13:46	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 13:46	SMA
78-93-3	2-Butanone	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
591-78-6	2-Hexanone	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
67-64-1	Acetone	ND	ICVE	ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
107-13-1	Acrylonitrile	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
71-43-2	Benzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
75-25-2	Bromoform	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
74-83-9	Bromomethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
75-15-0	Carbon disulfide	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
75-00-3	Chloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
67-66-3	Chloroform	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
74-87-3	Chloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005	02/21/2024 08:00	02/21/2024 13:46	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
75-09-2	Methylene chloride	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
91-20-3	Naphthalene	ND	CCVE	ug/kg dry	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
95-47-6	o-Xylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	02/21/2024 08:00	02/21/2024 13:46	SMA
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
100-42-5	Styrene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
109-99-9	Tetrahydrofuran	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/21/2024 08:00	02/21/2024 13:46	SMA
108-88-3	Toluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 08:00	02/21/2024 13:46	SMA



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 12:00 pm

02/19/2024

VOA, 8260 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include trans-1,3-Dichloropropylene, trans-1,4-dichloro-2-butene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride.

Surrogate Recoveries

Result

Acceptance Range

Table with 3 columns: Surrogate, Surr: (e.g., 1,2-Dichloroethane-d4), Result (%). Rows include 17060-07-0, 2037-26-5, 460-00-4.

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,2,4,5-Tetrachlorobenzene, 1,2,4-Trichlorobenzene, 1-Methylnaphthalene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chloronaphthalene.



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 01:10	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 01:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 01:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
83-32-9	Acenaphthene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
62-53-3	Aniline	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
120-12-7	Anthracene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 12:00 pm

02/19/2024

SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
86-74-8	Carbazole	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
218-01-9	Chrysene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 01:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
206-44-0	Fluoranthene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
86-73-7	Fluorene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1160	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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SVOA, 8270 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546- SVOA RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
91-20-3	Naphthalene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 01:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	02/21/2024 13:48	02/24/2024 01:10	KH
82-68-8	Pentachloronitrobenzene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723	02/21/2024 13:48	02/24/2024 01:10	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
85-01-8	Phenanthrene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
108-95-2	Phenol	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
129-00-0	Pyrene	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH
110-86-1	Pyridine	ND		ug/kg dry	580	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/21/2024 13:48	02/24/2024 01:10	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	70.0 %	30-130
13127-88-3	Surrogate: SURR: Phenol-d6	68.1 %	30-130
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	73.0 %	30-130
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.4 %	30-130
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.8 %	30-130
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.6 %	30-130

PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.0107		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
72-55-9	4,4'-DDE	0.00360		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
15972-60-8	Alachlor	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723	02/20/2024 08:25	02/23/2024 01:47	TAH



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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PEST, 8081 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
319-84-6	alpha-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
319-85-7	beta-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
57-74-9	Chlordane, total	ND		mg/kg dry	0.0379	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
319-86-8	delta-BHC	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
60-57-1	Dieldrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
959-98-8	Endosulfan I	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	02/20/2024 08:25	02/23/2024 01:47	TAH
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
72-20-8	Endrin	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
76-44-8	Heptachlor	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00284	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
72-43-5	Methoxychlor	ND		mg/kg dry	0.0142	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
8001-35-2	Toxaphene	ND		mg/kg dry	0.144	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/23/2024 01:47	TAH
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	110 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	110 %	30-150							

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 23:13	TAH



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 12:00 pm

02/19/2024

PEST, SPLP RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 23:13	TAH
50-29-3	4,4'-DDT	ND		ug/L	0.00111	1	EPA 8081B/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	03/24/2024 07:44	03/27/2024 23:13	TAH
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	72.3 %	30-150							

PCB, 8082 ASE RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 PCB-RCP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	02/20/2024 08:25	02/21/2024 10:13	NF
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 10:13	NF
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 08:25	02/21/2024 10:13	NF
1336-36-3	Total PCBs	ND		mg/kg dry	0.0287	1	EPA 8082A Certifications:	02/20/2024 08:25	02/21/2024 10:13	NF
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %	30-150							
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %	30-150							

HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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HERB, 8151 RCP MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:29	BCJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:29	BCJ
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:29	BCJ
75-99-0	Dalapon	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723	02/20/2024 08:05	02/20/2024 21:29	BCJ
1918-00-9	Dicamba	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/20/2024 08:05	02/20/2024 21:29	BCJ
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (. 85.0 %				21-150					

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	11.5	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 08:19	02/20/2024 18:15	GXB
Surrogate Recoveries		Result			Acceptance Range					
638-68-6	Surrogate: Triacontane				72.5 %		30-150			

Total Petroleum Hydrocarbons-GRO (C5-C10)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	107	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	02/20/2024 09:00	02/20/2024 18:48	BMT
Surrogate Recoveries		Result			Acceptance Range					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene				91.6 %		52-146			

Antimony by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV	mg/kg dry	2.02	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	02/22/2024 14:14	02/26/2024 16:47	AJL

Beryllium by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.0408	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Copper by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	21.4		mg/kg dry	1.62	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.83		mg/kg dry	1.21	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	164		mg/kg dry	2.02	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.243	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	38.2		mg/kg dry	0.405	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	15.6		mg/kg dry	0.405	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	2.30		mg/kg dry	2.02	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.408	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Nickel by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	22.1		mg/kg dry	0.807	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Thallium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	2.02	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24B1014

140265101

Soil

February 19, 2024 12:00 pm

02/19/2024

Vanadium by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	43.2		mg/kg dry	0.807	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044										

Zinc by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	58.7		mg/kg dry	2.02	1	EPA 6010D	02/22/2024 14:14	02/26/2024 16:47	AJL
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044										

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0352		mg/kg dry	0.0350	1	EPA 7473	02/26/2024 08:21	02/26/2024 15:10	DBT
Certifications: CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044										

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A	02/22/2024 15:37	02/22/2024 20:25	SMK
Certifications: NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044										

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	Chromium, Trivalent	38.2		mg/kg	0.500	1	Calculation	02/27/2024 07:43	02/27/2024 10:21	VR
Certifications:										

Conductivity (Specific Conductance)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Conductivity	7.658		umhos/cm	1.000	1	SM 2510B m	02/21/2024 07:40	02/21/2024 10:35	VR
Certifications:										

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	5.15		pH units	0.500	1	EPA 9045D	02/22/2024 10:12	02/22/2024 11:22	TCD
Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP-68-04440,NJDEP-CT005										



Sample Information

Client Sample ID: CMS_WC_Fill3

York Sample ID: 24B1014-05

<u>York Project (SDG) No.</u> 24B1014	<u>Client Project ID</u> 140265101	<u>Matrix</u> Soil	<u>Collection Date/Time</u> February 19, 2024 12:00 pm	<u>Date Received</u> 02/19/2024
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Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH-PH-0723,PADEP-68-04440	02/23/2024 14:55	02/23/2024 22:04	SL

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Reactivity - Sulfide	40.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH-PH-0723,PADEP-68-04440	02/23/2024 14:57	02/23/2024 22:03	SL

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	02/20/2024 10:31	02/20/2024 13:17	CAM2

Paint Filter Test

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Paint Filter Test	No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP-CT005	02/20/2024 07:42	02/20/2024 08:37	VR

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	85.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	02/23/2024 07:26	02/23/2024 14:08	sgs

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed	HT-04	N/A	1.00	1	EPA 1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	03/21/2024 11:27	03/22/2024 11:52	TAJ



Analytical Batch Summary

Batch ID: BB41200 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-05	CMS_WC_Fill3	02/20/24

Batch ID: BB41205 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-05	CMS_WC_Fill3	02/20/24
BB41205-BLK1	Blank	02/20/24
BB41205-BS1	LCS	02/20/24
BB41205-MS1	Matrix Spike	02/20/24
BB41205-MSD1	Matrix Spike Dup	02/20/24

Batch ID: BB41209 **Preparation Method:** EPA 3550C **Prepared By:** JJP

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-05	CMS_WC_Fill3	02/20/24
BB41209-BLK1	Blank	02/20/24
BB41209-BS1	LCS	02/20/24
BB41209-MS1	Matrix Spike	02/20/24
BB41209-MSD1	Matrix Spike Dup	02/20/24

Batch ID: BB41212 **Preparation Method:** EPA 3546 PCB-RCP **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-05	CMS_WC_Fill3	02/20/24



24B1014-05	CMS_WC_Fill3	02/20/24
BB41212-BLK1	Blank	02/20/24
BB41212-BLK2	Blank	02/20/24
BB41212-BS1	LCS	02/20/24
BB41212-BS2	LCS	02/20/24
BB41212-MS1	Matrix Spike	02/20/24
BB41212-MS2	Matrix Spike	02/20/24
BB41212-MSD1	Matrix Spike Dup	02/20/24
BB41212-MSD2	Matrix Spike Dup	02/20/24

Batch ID: BB41234 **Preparation Method:** Analysis Preparation **Prepared By:** CAM2

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-05	CMS_WC_Fill3	02/20/24

Batch ID: BB41238 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/20/24
BB41238-BLK1	Blank	02/20/24

Batch ID: BB41239 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV(**Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/20/24
BB41239-BLK1	Blank	02/20/24

Batch ID: BB41240 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/20/24
BB41240-BLK1	Blank	02/20/24

Batch ID: BB41246 **Preparation Method:** EPA 5035A **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
24B1014-05	CMS_WC_Fill3	02/20/24
BB41246-BLK1	Blank	02/20/24
BB41246-DUP1	Duplicate	02/20/24
BB41246-SRM1	Reference	02/20/24



Batch ID: BB41261 **Preparation Method:** Analysis Preparation **Prepared By:** LRS

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/20/24
24B1014-02	CMS_WC_Subbase	02/20/24
24B1014-03	CMS_WC_Fill1	02/20/24
24B1014-04	CMS_WC_Fill2	02/20/24
BB41261-DUP1	Duplicate	02/20/24

Batch ID: BB41292 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/21/24
24B1014-02	CMS_WC_Subbase	02/21/24
24B1014-03	CMS_WC_Fill1	02/21/24
24B1014-04	CMS_WC_Fill2	02/21/24
24B1014-05	CMS_WC_Fill3	02/21/24
BB41292-BLK1	Blank	02/21/24
BB41292-BS1	LCS	02/21/24
BB41292-DUP1	Duplicate	02/21/24

Batch ID: BB41301 **Preparation Method:** EPA 3510C/1311 **Prepared By:** RJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/21/24
BB41301-BLK1	Blank	02/21/24
BB41301-BS1	LCS	02/21/24
BB41301-BSD1	LCS Dup	02/21/24
BB41301-LBK1	Leach Fluid Blank	02/21/24
BB41301-MS1	Matrix Spike	02/21/24

Batch ID: BB41324 **Preparation Method:** EPA 5035A **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/21/24
BB41324-BLK1	Blank	02/21/24
BB41324-BS1	LCS	02/21/24
BB41324-BSD1	LCS Dup	02/21/24

Batch ID: BB41325 **Preparation Method:** EPA 5035A **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-02	CMS_WC_Subbase	02/21/24
24B1014-03	CMS_WC_Fill1	02/21/24
24B1014-04	CMS_WC_Fill2	02/21/24
24B1014-05	CMS_WC_Fill3	02/21/24
BB41325-BLK1	Blank	02/21/24



BB41325-BS1 LCS 02/21/24
BB41325-BSD1 LCS Dup 02/21/24

Batch ID: BB41337 **Preparation Method:** EPA 3535A/1311 **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/21/24
BB41337-BLK1	Blank	02/21/24
BB41337-BS1	LCS	02/21/24
BB41337-LBK1	Leach Fluid Blank	02/21/24
BB41337-MS1	Matrix Spike	02/21/24

Batch ID: BB41345 **Preparation Method:** EPA 3546- SVOA RCP **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/21/24
24B1014-02	CMS_WC_Subbase	02/21/24
24B1014-03	CMS_WC_Fill1	02/21/24
24B1014-04	CMS_WC_Fill2	02/21/24
24B1014-05	CMS_WC_Fill3	02/21/24
BB41345-BLK1	Blank	02/21/24
BB41345-BS1	LCS	02/21/24
BB41345-MS1	Matrix Spike	02/21/24
BB41345-MSD1	Matrix Spike Dup	02/21/24

Batch ID: BB41391 **Preparation Method:** EPA SW846-3060 **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/22/24
24B1014-02	CMS_WC_Subbase	02/22/24
BB41391-BLK1	Blank	02/22/24
BB41391-DUP1	Duplicate	02/22/24
BB41391-MS1	Matrix Spike	02/22/24
BB41391-MSD1	Matrix Spike Dup	02/22/24
BB41391-SRM1	Reference	02/22/24

Batch ID: BB41400 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/22/24
BB41400-BLK1	Blank	02/22/24
BB41400-BLK2	Blank	02/22/24
BB41400-BS1	LCS	02/22/24
BB41400-BS2	LCS	02/22/24
BB41400-LBK1	Leach Fluid Blank	02/22/24

Batch ID: BB41433 **Preparation Method:** Analysis Preparation **Prepared By:** TCD



YORK Sample ID	Client Sample ID	Preparation Date
24B1014-05	CMS_WC_Fill3	02/22/24
BB41433-DUP1	Duplicate	02/22/24

Batch ID: BB41454 **Preparation Method:** EPA 3050B **Prepared By:** JEF

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/22/24
24B1014-02	CMS_WC_Subbase	02/22/24
24B1014-03	CMS_WC_Fill1	02/22/24
24B1014-04	CMS_WC_Fill2	02/22/24
24B1014-05	CMS_WC_Fill3	02/22/24
BB41454-BLK1	Blank	02/22/24
BB41454-DUP1	Duplicate	02/22/24
BB41454-MS1	Matrix Spike	02/22/24
BB41454-PS1	Post Spike	02/22/24
BB41454-SRM1	Reference	02/22/24

Batch ID: BB41457 **Preparation Method:** EPA 5030B/1311 **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/22/24
BB41457-BLK1	Blank	02/22/24
BB41457-BS1	LCS	02/22/24
BB41457-BSD1	LCS Dup	02/22/24
BB41457-LBK1	Leach Fluid Blank	02/22/24
BB41457-MS1	Matrix Spike	02/22/24

Batch ID: BB41466 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/22/24
24B1014-04	CMS_WC_Fill2	02/22/24
24B1014-05	CMS_WC_Fill3	02/22/24
BB41466-BLK1	Blank	02/22/24
BB41466-DUP1	Duplicate	02/22/24
BB41466-MS1	Matrix Spike	02/22/24
BB41466-MSD1	Matrix Spike Dup	02/22/24
BB41466-SRM1	Reference	02/22/24

Batch ID: BB41485 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/23/24
24B1014-02	CMS_WC_Subbase	02/23/24
24B1014-03	CMS_WC_Fill1	02/23/24
24B1014-04	CMS_WC_Fill2	02/23/24
24B1014-05	CMS_WC_Fill3	02/23/24



BB41485-DUP1 Duplicate 02/23/24

Batch ID: BB41510 Preparation Method: EPA 3015A/1311 Prepared By: AD2

Table with 3 columns: YORK Sample ID, Client Sample ID, Preparation Date. Rows include 24B1014-03, BB41510-BLK1, BB41510-BS1, BB41510-DUP1, BB41510-LBK1, BB41510-MS1, BB41510-PS1.

Batch ID: BB41551 Preparation Method: Analysis Preparation Prepared By: SL

Table with 3 columns: YORK Sample ID, Client Sample ID, Preparation Date. Rows include 24B1014-01, 24B1014-02, 24B1014-03, 24B1014-04, 24B1014-05, BB41551-BLK1.

Batch ID: BB41552 Preparation Method: Analysis Preparation Prepared By: SL

Table with 3 columns: YORK Sample ID, Client Sample ID, Preparation Date. Rows include 24B1014-01, 24B1014-02, 24B1014-03, 24B1014-04, 24B1014-05, BB41552-BLK1, BB41552-DUP1.

Batch ID: BB41570 Preparation Method: EPA 3510C/1311 Prepared By: JYG

Table with 3 columns: YORK Sample ID, Client Sample ID, Preparation Date. Rows include 24B1014-03, BB41570-BLK1, BB41570-BS1, BB41570-BSD1, BB41570-LBK1, BB41570-MS1.

Batch ID: BB41621 Preparation Method: EPA 7473 soil Prepared By: DBT

Table with 3 columns: YORK Sample ID, Client Sample ID, Preparation Date. Row includes 24B1014-01.



24B1014-02	CMS_WC_Subbase	02/26/24
BB41621-BLK1	Blank	02/26/24
BB41621-DUP1	Duplicate	02/26/24
BB41621-MS1	Matrix Spike	02/26/24
BB41621-SRM1	Reference	02/26/24

Batch ID: BB41622 **Preparation Method:** EPA 7473 soil **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-03	CMS_WC_Fill1	02/26/24
24B1014-04	CMS_WC_Fill2	02/26/24
24B1014-05	CMS_WC_Fill3	02/26/24
BB41622-BLK1	Blank	02/26/24
BB41622-DUP1	Duplicate	02/26/24
BB41622-MS1	Matrix Spike	02/26/24
BB41622-SRM1	Reference	02/26/24

Batch ID: BB41710 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	02/27/24
24B1014-02	CMS_WC_Subbase	02/27/24
24B1014-03	CMS_WC_Fill1	02/27/24
24B1014-04	CMS_WC_Fill2	02/27/24
24B1014-05	CMS_WC_Fill3	02/27/24

Batch ID: BC41538 **Preparation Method:** EPA SW 846-1312 SPLP Extraction f **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	03/21/24
24B1014-02	CMS_WC_Subbase	03/21/24
24B1014-03	CMS_WC_Fill1	03/21/24
24B1014-04	CMS_WC_Fill2	03/21/24
24B1014-05	CMS_WC_Fill3	03/21/24
BC41538-BLK1	Blank	03/21/24

Batch ID: BC41705 **Preparation Method:** EPA 3510C/1312 **Prepared By:** YL

YORK Sample ID	Client Sample ID	Preparation Date
24B1014-01	CMS_WC_Topsoil	03/24/24
24B1014-02	CMS_WC_Subbase	03/24/24
24B1014-03	CMS_WC_Fill1	03/24/24
24B1014-04	CMS_WC_Fill2	03/24/24
24B1014-05	CMS_WC_Fill3	03/24/24
BC41705-BLK1	Blank	03/24/24
BC41705-BS1	LCS	03/24/24
BC41705-BSD1	LCS Dup	03/24/24
BC41705-LBK1	Leach Fluid Blank	03/24/24
BC41705-MS1	Matrix Spike	03/24/24





Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41324 - EPA 5035A

Blank (BB41324-BLK1)	Blank										
											Prepared & Analyzed: 02/21/2024
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

Batch BB41324 - EPA 5035A

Blank (BB41324-BLK1) Blank		Prepared & Analyzed: 02/21/2024									
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg wet								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
<hr/>											
Surrogate: SURR: 1,2-Dichloroethane-d4	48.2		ug/L	50.0		96.5	70-130				
Surrogate: SURR: Toluene-d8	50.9		"	50.0		102	70-130				
Surrogate: SURR: p-Bromofluorobenzene	52.7		"	50.0		105	70-130				

LCS (BB41324-BS1) LCS		Prepared & Analyzed: 02/21/2024									
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.5	70-130				
1,1,1-Trichloroethane	49.6		"	50.0		99.1	70-130				
1,1,2,2-Tetrachloroethane	57.3		"	50.0		115	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.3		"	50.0		107	70-130				
1,1,2-Trichloroethane	51.5		"	50.0		103	70-130				
1,1-Dichloroethane	51.4		"	50.0		103	70-130				
1,1-Dichloroethylene	55.0		"	50.0		110	70-130				
1,1-Dichloropropylene	51.5		"	50.0		103	70-130				
1,2,3-Trichlorobenzene	47.6		"	50.0		95.2	70-130				
1,2,3-Trichloropropane	51.6		"	50.0		103	70-130				
1,2,4-Trichlorobenzene	47.8		"	50.0		95.5	70-130				
1,2,4-Trimethylbenzene	51.8		"	50.0		104	70-130				
1,2-Dibromo-3-chloropropane	51.0		"	50.0		102	70-130				
1,2-Dibromoethane	51.6		"	50.0		103	70-130				
1,2-Dichlorobenzene	50.1		"	50.0		100	70-130				
1,2-Dichloroethane	52.2		"	50.0		104	70-130				
1,2-Dichloropropane	53.7		"	50.0		107	70-130				
1,3,5-Trimethylbenzene	51.9		"	50.0		104	70-130				
1,3-Dichlorobenzene	50.3		"	50.0		101	70-130				
1,3-Dichloropropane	52.4		"	50.0		105	70-130				
1,4-Dichlorobenzene	48.4		"	50.0		96.9	70-130				
2,2-Dichloropropane	50.4		"	50.0		101	70-130				
2-Butanone	52.5		"	50.0		105	70-130				
2-Chlorotoluene	52.9		"	50.0		106	70-130				
2-Hexanone	49.9		"	50.0		99.8	70-130				
4-Chlorotoluene	51.6		"	50.0		103	70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41324 - EPA 5035A

LCS (BB41324-BS1)	LCS	Prepared & Analyzed: 02/21/2024									
4-Methyl-2-pentanone	53.4		ug/L	50.0		107	70-130				
Acetone	42.0		"	50.0		84.0	70-130				
Acrylonitrile	57.5		"	50.0		115	70-130				
Benzene	53.6		"	50.0		107	70-130				
Bromobenzene	52.4		"	50.0		105	70-130				
Bromochloromethane	53.7		"	50.0		107	70-130				
Bromodichloromethane	53.4		"	50.0		107	70-130				
Bromoform	50.2		"	50.0		100	70-130				
Bromomethane	59.2		"	50.0		118	70-130				
Carbon disulfide	57.4		"	50.0		115	70-130				
Carbon tetrachloride	51.0		"	50.0		102	70-130				
Chlorobenzene	51.4		"	50.0		103	70-130				
Chloroethane	62.2		"	50.0		124	70-130				
Chloroform	51.3		"	50.0		103	70-130				
Chloromethane	56.3		"	50.0		113	70-130				
cis-1,2-Dichloroethylene	52.2		"	50.0		104	70-130				
cis-1,3-Dichloropropylene	50.5		"	50.0		101	70-130				
Dibromochloromethane	50.6		"	50.0		101	70-130				
Dibromomethane	51.8		"	50.0		104	70-130				
Dichlorodifluoromethane	47.6		"	50.0		95.1	70-130				
Ethyl Benzene	54.5		"	50.0		109	70-130				
Hexachlorobutadiene	47.7		"	50.0		95.3	70-130				
Isopropylbenzene	51.2		"	50.0		102	70-130				
Methyl Methacrylate	52.4		"	50.0		105	70-130				
Methyl tert-butyl ether (MTBE)	48.4		"	50.0		96.8	70-130				
Methylene chloride	58.8		"	50.0		118	70-130				
Naphthalene	50.4		"	50.0		101	70-130				
n-Butylbenzene	53.3		"	50.0		107	70-130				
n-Propylbenzene	52.6		"	50.0		105	70-130				
o-Xylene	52.5		"	50.0		105	70-130				
p- & m- Xylenes	108		"	100		108	70-130				
p-Isopropyltoluene	52.7		"	50.0		105	70-130				
sec-Butylbenzene	51.3		"	50.0		103	70-130				
Styrene	49.8		"	50.0		99.6	70-130				
tert-Butylbenzene	49.6		"	50.0		99.1	70-130				
Tetrachloroethylene	40.6		"	50.0		81.3	70-130				
Tetrahydrofuran	50.3		"	50.0		101	70-130				
Toluene	53.1		"	50.0		106	70-130				
trans-1,2-Dichloroethylene	53.1		"	50.0		106	70-130				
trans-1,3-Dichloropropylene	50.7		"	50.0		101	70-130				
trans-1,4-dichloro-2-butene	55.8		"	50.0		112	70-130				
Trichloroethylene	50.3		"	50.0		101	70-130				
Trichlorofluoromethane	65.3		"	50.0		131	70-130	High Bias			
Vinyl Chloride	58.8		"	50.0		118	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	51.2		"	50.0		102	70-130				
Surrogate: SURR: Toluene-d8	50.3		"	50.0		101	70-130				
Surrogate: SURR: p-Bromofluorobenzene	49.9		"	50.0		99.8	70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD		
		Limit			Result				RPD	Limit	
Batch BB41324 - EPA 5035A											
LCS Dup (BB41324-BSD1)	LCS Dup	Prepared & Analyzed: 02/21/2024									
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.4	70-130		0.142	30	
1,1,1-Trichloroethane	50.7		"	50.0		101	70-130		2.31	30	
1,1,2,2-Tetrachloroethane	53.7		"	50.0		107	70-130		6.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.2		"	50.0		110	70-130		3.56	30	
1,1,2-Trichloroethane	49.8		"	50.0		99.5	70-130		3.38	30	
1,1-Dichloroethane	51.6		"	50.0		103	70-130		0.369	30	
1,1-Dichloroethylene	55.7		"	50.0		111	70-130		1.17	30	
1,1-Dichloropropylene	52.8		"	50.0		106	70-130		2.57	30	
1,2,3-Trichlorobenzene	46.5		"	50.0		93.1	70-130		2.23	30	
1,2,3-Trichloropropane	49.3		"	50.0		98.5	70-130		4.64	30	
1,2,4-Trichlorobenzene	47.9		"	50.0		95.9	70-130		0.334	30	
1,2,4-Trimethylbenzene	53.7		"	50.0		107	70-130		3.56	30	
1,2-Dibromo-3-chloropropane	48.4		"	50.0		96.8	70-130		5.25	30	
1,2-Dibromoethane	49.6		"	50.0		99.2	70-130		3.87	30	
1,2-Dichlorobenzene	50.1		"	50.0		100	70-130		0.0399	30	
1,2-Dichloroethane	49.7		"	50.0		99.3	70-130		5.04	30	
1,2-Dichloropropane	53.8		"	50.0		108	70-130		0.112	30	
1,3,5-Trimethylbenzene	54.5		"	50.0		109	70-130		4.81	30	
1,3-Dichlorobenzene	51.2		"	50.0		102	70-130		1.76	30	
1,3-Dichloropropane	50.8		"	50.0		102	70-130		3.04	30	
1,4-Dichlorobenzene	48.8		"	50.0		97.6	70-130		0.802	30	
2,2-Dichloropropane	51.6		"	50.0		103	70-130		2.33	30	
2-Butanone	47.5		"	50.0		95.1	70-130		9.90	30	
2-Chlorotoluene	54.8		"	50.0		110	70-130		3.57	30	
2-Hexanone	45.9		"	50.0		91.8	70-130		8.35	30	
4-Chlorotoluene	53.1		"	50.0		106	70-130		2.77	30	
4-Methyl-2-pentanone	49.5		"	50.0		99.0	70-130		7.69	30	
Acetone	39.8		"	50.0		79.5	70-130		5.41	30	
Acrylonitrile	53.0		"	50.0		106	70-130		8.12	30	
Benzene	53.6		"	50.0		107	70-130		0.0746	30	
Bromobenzene	52.7		"	50.0		105	70-130		0.476	30	
Bromochloromethane	51.2		"	50.0		102	70-130		4.67	30	
Bromodichloromethane	53.0		"	50.0		106	70-130		0.714	30	
Bromoform	47.7		"	50.0		95.3	70-130		5.21	30	
Bromomethane	58.9		"	50.0		118	70-130		0.423	30	
Carbon disulfide	58.3		"	50.0		117	70-130		1.54	30	
Carbon tetrachloride	52.2		"	50.0		104	70-130		2.27	30	
Chlorobenzene	51.8		"	50.0		104	70-130		0.679	30	
Chloroethane	60.8		"	50.0		122	70-130		2.29	30	
Chloroform	50.9		"	50.0		102	70-130		0.763	30	
Chloromethane	56.8		"	50.0		114	70-130		0.796	30	
cis-1,2-Dichloroethylene	52.0		"	50.0		104	70-130		0.403	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		98.9	70-130		2.06	30	
Dibromochloromethane	48.8		"	50.0		97.6	70-130		3.62	30	
Dibromomethane	50.2		"	50.0		100	70-130		3.10	30	
Dichlorodifluoromethane	48.4		"	50.0		96.9	70-130		1.83	30	
Ethyl Benzene	55.8		"	50.0		112	70-130		2.30	30	
Hexachlorobutadiene	50.3		"	50.0		101	70-130		5.41	30	
Isopropylbenzene	53.7		"	50.0		107	70-130		4.81	30	
Methyl Methacrylate	48.8		"	50.0		97.7	70-130		7.15	30	
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.7	70-130		4.24	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41324 - EPA 5035A

LCS Dup (BB41324-BS1)	LCS Dup	Prepared & Analyzed: 02/21/2024									
Methylene chloride	57.3		ug/L	50.0		115	70-130		2.53	30	
Naphthalene	48.0		"	50.0		96.1	70-130		4.77	30	
n-Butylbenzene	55.8		"	50.0		112	70-130		4.60	30	
n-Propylbenzene	55.2		"	50.0		110	70-130		4.76	30	
o-Xylene	53.0		"	50.0		106	70-130		1.02	30	
p- & m- Xylenes	111		"	100		111	70-130		2.12	30	
p-Isopropyltoluene	55.3		"	50.0		111	70-130		4.76	30	
sec-Butylbenzene	54.2		"	50.0		108	70-130		5.55	30	
Styrene	49.4		"	50.0		98.8	70-130		0.827	30	
tert-Butylbenzene	52.3		"	50.0		105	70-130		5.34	30	
Tetrachloroethylene	42.3		"	50.0		84.6	70-130		4.00	30	
Tetrahydrofuran	44.7		"	50.0		89.4	70-130		11.8	30	
Toluene	54.2		"	50.0		108	70-130		2.03	30	
trans-1,2-Dichloroethylene	53.6		"	50.0		107	70-130		0.918	30	
trans-1,3-Dichloropropylene	48.9		"	50.0		97.7	70-130		3.68	30	
trans-1,4-dichloro-2-butene	53.3		"	50.0		107	70-130		4.64	30	
Trichloroethylene	52.4		"	50.0		105	70-130		4.13	30	
Trichlorofluoromethane	64.1		"	50.0		128	70-130		1.85	30	
Vinyl Chloride	56.6		"	50.0		113	70-130		3.71	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	48.6		"	50.0		97.2	70-130				
Surrogate: SURRE: Toluene-d8	50.9		"	50.0		102	70-130				
Surrogate: SURRE: p-Bromofluorobenzene	50.6		"	50.0		101	70-130				

Batch BB41325 - EPA 5035A

Blank (BB41325-BLK1)	Blank	Prepared & Analyzed: 02/21/2024									
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								Level	

Batch BB41325 - EPA 5035A

Blank (BB41325-BLK1) Blank

Prepared & Analyzed: 02/21/2024

4-Chlorotoluene	ND	5.0	ug/kg wet								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	53.0		ug/L	50.0		106		70-130			
<i>Surrogate: SURR: Toluene-d8</i>	46.8		"	50.0		93.6		70-130			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	47.1		"	50.0		94.2		70-130			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Limit	Flag
		Limit			Result					RPD		
Batch BB41325 - EPA 5035A												
LCS (BB41325-BS1)	LCS	Prepared & Analyzed: 02/21/2024										
1,1,1,2-Tetrachloroethane	52.7		ug/L	50.0		105		70-130				
1,1,1-Trichloroethane	59.8		"	50.0		120		70-130				
1,1,2,2-Tetrachloroethane	52.0		"	50.0		104		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.0		"	50.0		128		70-130				
1,1,2-Trichloroethane	52.8		"	50.0		106		70-130				
1,1-Dichloroethane	57.6		"	50.0		115		70-130				
1,1-Dichloroethylene	59.4		"	50.0		119		70-130				
1,1-Dichloropropylene	59.3		"	50.0		119		70-130				
1,2,3-Trichlorobenzene	46.4		"	50.0		92.8		70-130				
1,2,3-Trichloropropane	51.6		"	50.0		103		70-130				
1,2,4-Trichlorobenzene	44.8		"	50.0		89.7		70-130				
1,2,4-Trimethylbenzene	48.6		"	50.0		97.1		70-130				
1,2-Dibromo-3-chloropropane	45.0		"	50.0		89.9		70-130				
1,2-Dibromoethane	53.0		"	50.0		106		70-130				
1,2-Dichlorobenzene	50.0		"	50.0		100		70-130				
1,2-Dichloroethane	60.9		"	50.0		122		70-130				
1,2-Dichloropropane	49.7		"	50.0		99.4		70-130				
1,3,5-Trimethylbenzene	49.0		"	50.0		98.1		70-130				
1,3-Dichlorobenzene	48.8		"	50.0		97.7		70-130				
1,3-Dichloropropane	52.1		"	50.0		104		70-130				
1,4-Dichlorobenzene	48.1		"	50.0		96.2		70-130				
2,2-Dichloropropane	55.3		"	50.0		111		70-130				
2-Butanone	53.0		"	50.0		106		70-130				
2-Chlorotoluene	48.5		"	50.0		97.0		70-130				
2-Hexanone	44.9		"	50.0		89.8		70-130				
4-Chlorotoluene	47.7		"	50.0		95.4		70-130				
4-Methyl-2-pentanone	46.3		"	50.0		92.6		70-130				
Acetone	41.8		"	50.0		83.5		70-130				
Acrylonitrile	57.8		"	50.0		116		70-130				
Benzene	63.6		"	50.0		127		70-130				
Bromobenzene	47.6		"	50.0		95.2		70-130				
Bromochloromethane	58.5		"	50.0		117		70-130				
Bromodichloromethane	50.8		"	50.0		102		70-130				
Bromoform	50.7		"	50.0		101		70-130				
Bromomethane	73.7		"	50.0		147		70-130	High Bias			
Carbon disulfide	60.9		"	50.0		122		70-130				
Carbon tetrachloride	61.2		"	50.0		122		70-130				
Chlorobenzene	54.1		"	50.0		108		70-130				
Chloroethane	70.0		"	50.0		140		70-130	High Bias			
Chloroform	61.9		"	50.0		124		70-130				
Chloromethane	56.1		"	50.0		112		70-130				
cis-1,2-Dichloroethylene	58.3		"	50.0		117		70-130				
cis-1,3-Dichloropropylene	47.9		"	50.0		95.8		70-130				
Dibromochloromethane	51.9		"	50.0		104		70-130				
Dibromomethane	51.4		"	50.0		103		70-130				
Dichlorodifluoromethane	58.9		"	50.0		118		70-130				
Ethyl Benzene	54.2		"	50.0		108		70-130				
Hexachlorobutadiene	45.8		"	50.0		91.7		70-130				
Isopropylbenzene	49.8		"	50.0		99.7		70-130				
Methyl Methacrylate	49.0		"	50.0		97.9		70-130				
Methyl tert-butyl ether (MTBE)	57.4		"	50.0		115		70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	
Batch BB41325 - EPA 5035A											
LCS (BB41325-BS1)	LCS	Prepared & Analyzed: 02/21/2024									
Methylene chloride	62.6		ug/L	50.0		125	70-130				
Naphthalene	41.5		"	50.0		83.0	70-130				
n-Butylbenzene	49.9		"	50.0		99.9	70-130				
n-Propylbenzene	49.9		"	50.0		99.7	70-130				
o-Xylene	51.0		"	50.0		102	70-130				
p- & m- Xylenes	111		"	100		111	70-130				
p-Isopropyltoluene	49.6		"	50.0		99.1	70-130				
sec-Butylbenzene	50.2		"	50.0		100	70-130				
Styrene	52.0		"	50.0		104	70-130				
tert-Butylbenzene	48.3		"	50.0		96.6	70-130				
Tetrachloroethylene	46.6		"	50.0		93.2	70-130				
Tetrahydrofuran	56.5		"	50.0		113	70-130				
Toluene	54.1		"	50.0		108	70-130				
trans-1,2-Dichloroethylene	57.7		"	50.0		115	70-130				
trans-1,3-Dichloropropylene	48.2		"	50.0		96.4	70-130				
trans-1,4-dichloro-2-butene	49.8		"	50.0		99.7	70-130				
Trichloroethylene	49.7		"	50.0		99.4	70-130				
Trichlorofluoromethane	72.1		"	50.0		144	70-130	High Bias			
Vinyl Chloride	65.0		"	50.0		130	70-130				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>52.1</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>70-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>47.0</i>		<i>"</i>	<i>50.0</i>		<i>93.9</i>	<i>70-130</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>45.9</i>		<i>"</i>	<i>50.0</i>		<i>91.7</i>	<i>70-130</i>				
LCS Dup (BB41325-BSD1)	LCS Dup	Prepared & Analyzed: 02/21/2024									
1,1,1,2-Tetrachloroethane	54.1		ug/L	50.0		108	70-130		2.64	30	
1,1,1-Trichloroethane	61.3		"	50.0		123	70-130		2.49	30	
1,1,2,2-Tetrachloroethane	53.6		"	50.0		107	70-130		2.99	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.1		"	50.0		130	70-130		1.75	30	
1,1,2-Trichloroethane	53.6		"	50.0		107	70-130		1.43	30	
1,1-Dichloroethane	59.0		"	50.0		118	70-130		2.49	30	
1,1-Dichloroethylene	60.3		"	50.0		121	70-130		1.64	30	
1,1-Dichloropropylene	61.2		"	50.0		122	70-130		3.09	30	
1,2,3-Trichlorobenzene	46.6		"	50.0		93.3	70-130		0.451	30	
1,2,3-Trichloropropane	52.5		"	50.0		105	70-130		1.81	30	
1,2,4-Trichlorobenzene	46.6		"	50.0		93.2	70-130		3.85	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.3	70-130		2.18	30	
1,2-Dibromo-3-chloropropane	44.1		"	50.0		88.2	70-130		1.89	30	
1,2-Dibromoethane	54.0		"	50.0		108	70-130		1.87	30	
1,2-Dichlorobenzene	50.3		"	50.0		101	70-130		0.618	30	
1,2-Dichloroethane	61.8		"	50.0		124	70-130		1.40	30	
1,2-Dichloropropane	51.3		"	50.0		103	70-130		3.15	30	
1,3,5-Trimethylbenzene	49.8		"	50.0		99.5	70-130		1.42	30	
1,3-Dichlorobenzene	49.7		"	50.0		99.4	70-130		1.75	30	
1,3-Dichloropropane	52.7		"	50.0		105	70-130		1.15	30	
1,4-Dichlorobenzene	48.8		"	50.0		97.5	70-130		1.40	30	
2,2-Dichloropropane	56.7		"	50.0		113	70-130		2.48	30	
2-Butanone	55.1		"	50.0		110	70-130		3.91	30	
2-Chlorotoluene	49.8		"	50.0		99.7	70-130		2.71	30	
2-Hexanone	45.6		"	50.0		91.1	70-130		1.48	30	
4-Chlorotoluene	48.6		"	50.0		97.1	70-130		1.83	30	
4-Methyl-2-pentanone	47.0		"	50.0		94.1	70-130		1.54	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BB41325 - EPA 5035A										
LCS Dup (BB41325-BSD1)		LCS Dup		Prepared & Analyzed: 02/21/2024						
Acetone	41.8		ug/L	50.0	83.5	70-130			0.0479	30
Acrylonitrile	58.5		"	50.0	117	70-130			1.24	30
Benzene	65.4		"	50.0	131	70-130	High Bias		2.81	30
Bromobenzene	48.4		"	50.0	96.9	70-130			1.75	30
Bromochloromethane	60.7		"	50.0	121	70-130			3.66	30
Bromodichloromethane	51.8		"	50.0	104	70-130			1.99	30
Bromoform	51.5		"	50.0	103	70-130			1.53	30
Bromomethane	72.4		"	50.0	145	70-130	High Bias		1.89	30
Carbon disulfide	62.2		"	50.0	124	70-130			2.21	30
Carbon tetrachloride	62.6		"	50.0	125	70-130			2.21	30
Chlorobenzene	54.8		"	50.0	110	70-130			1.27	30
Chloroethane	69.2		"	50.0	138	70-130	High Bias		1.14	30
Chloroform	63.3		"	50.0	127	70-130			2.27	30
Chloromethane	57.7		"	50.0	115	70-130			2.85	30
cis-1,2-Dichloroethylene	60.1		"	50.0	120	70-130			3.12	30
cis-1,3-Dichloropropylene	49.3		"	50.0	98.6	70-130			2.86	30
Dibromochloromethane	52.8		"	50.0	106	70-130			1.66	30
Dibromomethane	52.6		"	50.0	105	70-130			2.17	30
Dichlorodifluoromethane	59.4		"	50.0	119	70-130			0.862	30
Ethyl Benzene	55.6		"	50.0	111	70-130			2.53	30
Hexachlorobutadiene	46.1		"	50.0	92.1	70-130			0.522	30
Isopropylbenzene	51.2		"	50.0	102	70-130			2.63	30
Methyl Methacrylate	49.6		"	50.0	99.2	70-130			1.32	30
Methyl tert-butyl ether (MTBE)	58.9		"	50.0	118	70-130			2.61	30
Methylene chloride	64.6		"	50.0	129	70-130			3.10	30
Naphthalene	41.7		"	50.0	83.3	70-130			0.409	30
n-Butylbenzene	50.0		"	50.0	99.9	70-130			0.0601	30
n-Propylbenzene	50.7		"	50.0	101	70-130			1.71	30
o-Xylene	52.3		"	50.0	105	70-130			2.42	30
p- & m- Xylenes	114		"	100	114	70-130			2.63	30
p-Isopropyltoluene	50.4		"	50.0	101	70-130			1.78	30
sec-Butylbenzene	51.0		"	50.0	102	70-130			1.64	30
Styrene	53.3		"	50.0	107	70-130			2.55	30
tert-Butylbenzene	49.2		"	50.0	98.4	70-130			1.80	30
Tetrachloroethylene	47.4		"	50.0	94.8	70-130			1.74	30
Tetrahydrofuran	57.1		"	50.0	114	70-130			1.07	30
Toluene	55.7		"	50.0	111	70-130			2.93	30
trans-1,2-Dichloroethylene	59.0		"	50.0	118	70-130			2.19	30
trans-1,3-Dichloropropylene	49.8		"	50.0	99.5	70-130			3.12	30
trans-1,4-dichloro-2-butene	50.7		"	50.0	101	70-130			1.67	30
Trichloroethylene	50.7		"	50.0	101	70-130			2.05	30
Trichlorofluoromethane	72.9		"	50.0	146	70-130	High Bias		1.19	30
Vinyl Chloride	65.6		"	50.0	131	70-130	High Bias		0.904	30
Surrogate: SURRE: 1,2-Dichloroethane-d4	51.6		"	50.0	103	70-130				
Surrogate: SURRE: Toluene-d8	46.9		"	50.0	93.9	70-130				
Surrogate: SURRE: p-Bromofluorobenzene	46.0		"	50.0	91.9	70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Level					Result	

Batch BB41457 - EPA 5030B/1311

Blank (BB41457-BLK1)		Blank										Prepared & Analyzed: 02/22/2024	
1,1-Dichloroethylene	ND	5.0	ug/L										
1,2-Dichloroethane	ND	5.0	"										
1,4-Dichlorobenzene	ND	5.0	"										
2-Butanone	ND	5.0	"										
Benzene	ND	5.0	"										
Carbon tetrachloride	ND	5.0	"										
Chlorobenzene	ND	5.0	"										
Chloroform	ND	5.0	"										
Tetrachloroethylene	ND	5.0	"										
Trichloroethylene	ND	5.0	"										
Vinyl Chloride	ND	5.0	"										
<hr/>													
Surrogate: SURR: 1,2-Dichloroethane-d4	49.2		"	50.0		98.3	77-125						
Surrogate: SURR: p-Bromofluorobenzene	49.9		"	50.0		99.7	84.2-124						
Surrogate: SURR: Toluene-d8	48.9		"	50.0		97.8	85-120						

LCS (BB41457-BS1)		LCS										Prepared & Analyzed: 02/22/2024	
1,1-Dichloroethylene	49		ug/L	50.0		98.4	68-134						
1,2-Dichloroethane	47		"	50.0		95.0	69-133						
1,4-Dichlorobenzene	44		"	50.0		88.3	82-124						
2-Butanone	42		"	50.0		83.9	44-169						
Benzene	49		"	50.0		98.1	72-134						
Carbon tetrachloride	50		"	50.0		99.6	62-145						
Chlorobenzene	47		"	50.0		93.4	85-119						
Chloroform	48		"	50.0		95.1	74-131						
Tetrachloroethylene	35		"	50.0		70.1	78-133	Low Bias					
Trichloroethylene	47		"	50.0		94.9	81-125						
Vinyl Chloride	50		"	50.0		99.2	42-136						
<hr/>													
Surrogate: SURR: 1,2-Dichloroethane-d4	49.5		"	50.0		98.9	77-125						
Surrogate: SURR: p-Bromofluorobenzene	48.8		"	50.0		97.7	84.2-124						
Surrogate: SURR: Toluene-d8	48.7		"	50.0		97.5	85-120						



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BB41457 - EPA 5030B/1311

LCS Dup (BB41457-BSD1)		LCS Dup		Prepared & Analyzed: 02/22/2024									
1,1-Dichloroethylene	52		ug/L	50.0		103	68-134				4.74	30	
1,2-Dichloroethane	50		"	50.0		101	69-133				6.01	30	
1,4-Dichlorobenzene	48		"	50.0		95.3	82-124				7.69	30	
2-Butanone	41		"	50.0		82.1	44-169				2.24	30	
Benzene	53		"	50.0		105	72-134				6.87	30	
Carbon tetrachloride	54		"	50.0		107	62-145				7.31	30	
Chlorobenzene	50		"	50.0		99.3	85-119				6.19	30	
Chloroform	51		"	50.0		101	74-131				6.12	30	
Tetrachloroethylene	38		"	50.0		75.2	78-133	Low Bias			7.08	30	
Trichloroethylene	50		"	50.0		101	81-125				5.95	30	
Vinyl Chloride	50		"	50.0		100	42-136				0.903	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>		48.2		"	50.0	96.3	77-125						
<i>Surrogate: SURR: p-Bromofluorobenzene</i>		49.1		"	50.0	98.2	84.2-124						
<i>Surrogate: SURR: Toluene-d8</i>		48.9		"	50.0	97.8	85-120						

Leach Fluid Blank (BB41457-1) Leach Fluid Blank		Prepared & Analyzed: 02/22/2024											
1,1-Dichloroethylene	ND	50	ug/L										
1,2-Dichloroethane	ND	50	"										
1,4-Dichlorobenzene	ND	50	"										
2-Butanone	ND	50	"										
Benzene	ND	50	"										
Carbon tetrachloride	ND	50	"										
Chlorobenzene	ND	50	"										
Chloroform	ND	50	"										
Tetrachloroethylene	ND	50	"										
Trichloroethylene	ND	50	"										
Vinyl Chloride	ND	50	"										
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>		49.7		"	50.0	99.3	77-125						
<i>Surrogate: SURR: p-Bromofluorobenzene</i>		50.9		"	50.0	102	84.2-124						
<i>Surrogate: SURR: Toluene-d8</i>		48.8		"	50.0	97.5	85-120						



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BB41457 - EPA 5030B/1311

Matrix Spike (BB41457-MS1)	Matrix Spike	*Source sample: 24B1030-01 (Matrix Spike)						Prepared: 02/22/2024 Analyzed: 02/23/2024					
1,1-Dichloroethylene	54		ug/L	50.0	0.0	107	47-150						
1,2-Dichloroethane	52		"	50.0	0.0	104	57-139						
1,4-Dichlorobenzene	47		"	50.0	0.0	94.1	69-125						
2-Butanone	40		"	50.0	0.0	79.7	42-153						
Benzene	53		"	50.0	0.0	106	55-139						
Carbon tetrachloride	57		"	50.0	0.0	113	51-147						
Chlorobenzene	50		"	50.0	0.0	101	75-120						
Chloroform	52		"	50.0	0.0	103	60-137						
Tetrachloroethylene	38		"	50.0	0.0	75.8	51-140						
Trichloroethylene	50		"	50.0	0.0	99.6	61-133						
Vinyl Chloride	52		"	50.0	0.0	104	25-140						
Surrogate: SURR: 1,2-Dichloroethane-d4	49.2		"	50.0		98.4	77-125						
Surrogate: SURR: p-Bromofluorobenzene	49.2		"	50.0		98.4	84.2-124						
Surrogate: SURR: Toluene-d8	48.8		"	50.0		97.5	85-120						



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41301 - EPA 3510C/1311

Blank (BB41301-BLK1)	Blank	Prepared & Analyzed: 02/21/2024									
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
<hr/>											
Surrogate: SURR: 2-Fluorophenol	67.7		"	100		67.7	10-90.9				
Surrogate: SURR: Phenol-d6	43.0		"	100		43.0	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	47.1		"	50.0		94.1	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	42.4		"	50.0		84.8	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	96.8		"	100		96.8	23-163				
Surrogate: SURR: Terphenyl-d14	50.6		"	50.0		101	25.8-110				

LCS (BB41301-BS1)	LCS	Prepared & Analyzed: 02/21/2024									
1,4-Dichlorobenzene	33.7	10.0	ug/L	50.0		67.5	42.7-102				
2,4,5-Trichlorophenol	39.7	10.0	"	50.0		79.4	33-141				
2,4,6-Trichlorophenol	39.0	10.0	"	50.0		78.0	35-138				
2,4-Dinitrotoluene	39.6	10.0	"	50.0		79.1	38.6-153				
2-Methylphenol	37.3	10.0	"	50.0		74.6	34.7-106				
3- & 4-Methylphenols	33.1	20.0	"	50.0		66.2	30.1-94				
Cresols, total	70.4	30.0	"	100		70.4	30.1-106				
Hexachlorobenzene	38.3	10.0	"	50.0		76.6	38.9-109				
Hexachlorobutadiene	29.7	10.0	"	50.0		59.4	24.3-132				
Hexachloroethane	32.9	10.0	"	50.0		65.9	36.7-102				
Nitrobenzene	42.3	10.0	"	50.0		84.6	33.3-122				
Pentachlorophenol	29.3	10.0	"	50.0		58.5	22.2-137				
Pyridine	13.2	10.0	"	70.0		18.9	14.9-73.5				
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Surrogate: SURR: 2-Fluorophenol	71.9		"	100		71.9	10-90.9				
Surrogate: SURR: Phenol-d6	50.8		"	100		50.8	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	48.9		"	50.0		97.8	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	44.8		"	50.0		89.6	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	98.0		"	100		98.0	23-163				
Surrogate: SURR: Terphenyl-d14	50.7		"	50.0		101	25.8-110				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41301 - EPA 3510C/1311

LCS Dup (BB41301-BS1)	LCS Dup	Prepared & Analyzed: 02/21/2024									
1,4-Dichlorobenzene	33.8	10.0	ug/L	50.0		67.7	42.7-102		0.296	21.2	
2,4,5-Trichlorophenol	36.7	10.0	"	50.0		73.4	33-141		7.80	22.9	
2,4,6-Trichlorophenol	35.5	10.0	"	50.0		71.0	35-138		9.50	23.4	
2,4-Dinitrotoluene	37.1	10.0	"	50.0		74.2	38.6-153		6.47	24.8	
2-Methylphenol	34.4	10.0	"	50.0		68.9	34.7-106		8.03	25.9	
3- & 4-Methylphenols	30.2	20.0	"	50.0		60.5	30.1-94		8.97	24.9	
Cresols, total	64.7	30.0	"	100		64.7	30.1-106		8.47	25.9	
Hexachlorobenzene	36.9	10.0	"	50.0		73.8	38.9-109		3.83	27.1	
Hexachlorobutadiene	31.7	10.0	"	50.0		63.3	24.3-132		6.46	22	
Hexachloroethane	33.4	10.0	"	50.0		66.8	36.7-102		1.39	20.4	
Nitrobenzene	40.3	10.0	"	50.0		80.7	33.3-122		4.70	24.1	
Pentachlorophenol	27.3	10.0	"	50.0		54.6	22.2-137		6.93	36.9	
Pyridine	7.64	10.0	"	70.0		10.9	14.9-73.5	Low Bias	53.6	50	Non-dir.
Surrogate: SURR: 2-Fluorophenol	66.7		"	100		66.7	10-90.9				
Surrogate: SURR: Phenol-d6	47.0		"	100		47.0	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	47.6		"	50.0		95.2	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	41.7		"	50.0		83.4	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	94.8		"	100		94.8	23-163				
Surrogate: SURR: Terphenyl-d14	49.4		"	50.0		98.7	25.8-110				

Leach Fluid Blank (BB41301-)	Leach Fluid Blank	Prepared & Analyzed: 02/21/2024									
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: SURR: 2-Fluorophenol	65.4		"	100		65.4	10-90.9				
Surrogate: SURR: Phenol-d6	40.2		"	100		40.2	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	44.7		"	50.0		89.4	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	39.2		"	50.0		78.3	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	94.6		"	100		94.6	23-163				
Surrogate: SURR: Terphenyl-d14	52.6		"	50.0		105	25.8-110				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41301 - EPA 3510C/1311

Matrix Spike (BB41301-MS1)	Matrix Spike	*Source sample: 24B0975-02 (Matrix Spike)					Prepared & Analyzed: 02/21/2024					
1,4-Dichlorobenzene	42.0	10.0	ug/L	50.0	ND	84.0	26-95					
2,4,5-Trichlorophenol	43.6	10.0	"	50.0	ND	87.2	44-96					
2,4,6-Trichlorophenol	41.6	10.0	"	50.0	ND	83.2	39-107					
2,4-Dinitrotoluene	45.0	10.0	"	50.0	ND	89.9	26-120					
2-Methylphenol	41.5	10.0	"	50.0	ND	82.9	10-118					
3- & 4-Methylphenols	34.7	20.0	"	50.0	ND	69.4	10-102					
Cresols, total	76.2	30.0	"	100	ND	76.2	30-130					
Hexachlorobenzene	41.8	10.0	"	50.0	ND	83.6	24-120					
Hexachlorobutadiene	38.7	10.0	"	50.0	ND	77.4	26-98					
Hexachloroethane	41.9	10.0	"	50.0	ND	83.8	11-102					
Nitrobenzene	48.4	10.0	"	50.0	ND	96.8	25-107					
Pentachlorophenol	32.1	10.0	"	50.0	ND	64.2	10-181					
Pyridine	25.4	10.0	"	70.0	ND	36.3	10-73					
Surrogate: SURR: 2-Fluorophenol	78.9		"	100		78.9	10-90.9					
Surrogate: SURR: Phenol-d6	57.0		"	100		57.0	10-69.2					
Surrogate: SURR: Nitrobenzene-d5	52.2		"	50.0		104	19.2-141					
Surrogate: SURR: 2-Fluorobiphenyl	47.6		"	50.0		95.3	24.8-127					
Surrogate: SURR: 2,4,6-Tribromophenol	108		"	100		108	23-163					
Surrogate: SURR: Terphenyl-d14	55.0		"	50.0		110	25.8-110					

Batch BB41345 - EPA 3546- SVOA RCP

Blank (BB41345-BLK1)	Blank	Prepared: 02/21/2024 Analyzed: 02/22/2024										
1,2,4,5-Tetrachlorobenzene	ND	249	ug/kg wet									
1,2,4-Trichlorobenzene	ND	249	"									
1-Methylnaphthalene	ND	249	"									
2,4,5-Trichlorophenol	ND	249	"									
2,4,6-Trichlorophenol	ND	249	"									
2,4-Dichlorophenol	ND	249	"									
2,4-Dimethylphenol	ND	249	"									
2,4-Dinitrophenol	ND	249	"									
2,4-Dinitrotoluene	ND	249	"									
2,6-Dinitrotoluene	ND	249	"									
2-Chloronaphthalene	ND	249	"									
2-Chlorophenol	ND	249	"									
2-Methylnaphthalene	ND	249	"									
2-Methylphenol	ND	249	"									
2-Nitroaniline	ND	249	"									
2-Nitrophenol	ND	249	"									
3- & 4-Methylphenols	ND	249	"									
3,3-Dichlorobenzidine	ND	249	"									
3-Nitroaniline	ND	249	"									
4,6-Dinitro-2-methylphenol	ND	249	"									
4-Bromophenyl phenyl ether	ND	249	"									
4-Chloro-3-methylphenol	ND	249	"									
4-Chloroaniline	ND	249	"									
4-Chlorophenyl phenyl ether	ND	249	"									
4-Nitroaniline	ND	249	"									
4-Nitrophenol	ND	249	"									
Acenaphthene	ND	249	"									
Acenaphthylene	ND	249	"									



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41345 - EPA 3546- SVOA RCP

Blank (BB41345-BLK1) Blank Prepared: 02/21/2024 Analyzed: 02/22/2024

Aniline	ND	249	ug/kg wet								
Anthracene	ND	249	"								
Benzo(a)anthracene	ND	249	"								
Benzo(a)pyrene	ND	249	"								
Benzo(b)fluoranthene	ND	249	"								
Benzo(g,h,i)perylene	ND	249	"								
Benzo(k)fluoranthene	ND	249	"								
Benzyl butyl phthalate	ND	249	"								
Bis(2-chloroethoxy)methane	ND	249	"								
Bis(2-chloroethyl)ether	ND	249	"								
Bis(2-chloroisopropyl)ether	ND	249	"								
Bis(2-ethylhexyl)phthalate	ND	249	"								
Carbazole	ND	249	"								
Chrysene	ND	249	"								
Dibenzo(a,h)anthracene	ND	249	"								
Dibenzofuran	ND	249	"								
Diethyl phthalate	ND	249	"								
Dimethyl phthalate	ND	249	"								
Di-n-butyl phthalate	ND	249	"								
Di-n-octyl phthalate	ND	249	"								
Fluoranthene	ND	249	"								
Fluorene	ND	249	"								
Hexachlorobenzene	ND	249	"								
Hexachlorobutadiene	ND	249	"								
Hexachlorocyclopentadiene	ND	498	"								
Hexachloroethane	ND	249	"								
Indeno(1,2,3-cd)pyrene	ND	249	"								
Isophorone	ND	249	"								
Naphthalene	ND	249	"								
Nitrobenzene	ND	249	"								
N-nitroso-di-n-propylamine	ND	249	"								
N-Nitrosodiphenylamine	ND	249	"								
Pentachloronitrobenzene	ND	249	"								
Pentachlorophenol	ND	249	"								
Phenanthrene	ND	249	"								
Phenol	ND	249	"								
Pyrene	ND	249	"								
Pyridine	ND	249	"								
Surrogate: SURRE: 2-Fluorophenol	2670		"	2490		108	30-130				
Surrogate: SURRE: Phenol-d6	2580		"	2490		104	30-130				
Surrogate: SURRE: Nitrobenzene-d5	1360		"	1240		110	30-130				
Surrogate: SURRE: 2-Fluorobiphenyl	1200		"	1240		96.5	30-130				
Surrogate: SURRE: 2,4,6-Tribromophenol	2440		"	2490		97.9	30-130				
Surrogate: SURRE: Terphenyl-d14	1330		"	1240		107	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41345 - EPA 3546- SVOA RCP

LCS (BB41345-BS1) LCS Prepared: 02/21/2024 Analyzed: 02/22/2024

1,2,4,5-Tetrachlorobenzene	720	249	ug/kg wet	1240		57.9	40-140				
1,2,4-Trichlorobenzene	752	249	"	1240		60.5	40-140				
1-Methylnaphthalene	762	249	"	1240		61.2	40-140				
2,4,5-Trichlorophenol	795	249	"	1240		63.9	30-130				
2,4,6-Trichlorophenol	761	249	"	1240		61.2	30-130				
2,4-Dichlorophenol	809	249	"	1240		65.0	30-130				
2,4-Dimethylphenol	766	249	"	1240		61.6	30-130				
2,4-Dinitrophenol	493	249	"	1240		39.6	30-130				
2,4-Dinitrotoluene	797	249	"	1240		64.1	40-140				
2,6-Dinitrotoluene	755	249	"	1240		60.7	40-140				
2-Chloronaphthalene	787	249	"	1240		63.2	40-140				
2-Chlorophenol	882	249	"	1240		70.9	30-130				
2-Methylnaphthalene	813	249	"	1240		65.4	40-140				
2-Methylphenol	921	249	"	1240		74.1	30-130				
2-Nitroaniline	887	249	"	1240		71.3	40-140				
2-Nitrophenol	840	249	"	1240		67.5	30-130				
3- & 4-Methylphenols	819	249	"	1240		65.8	40-140				
3,3-Dichlorobenzidine	560	249	"	1240		45.0	40-140				
3-Nitroaniline	731	249	"	1240		58.8	40-140				
4,6-Dinitro-2-methylphenol	776	249	"	1240		62.4	30-130				
4-Bromophenyl phenyl ether	756	249	"	1240		60.8	40-140				
4-Chloro-3-methylphenol	817	249	"	1240		65.7	30-130				
4-Chloroaniline	493	249	"	1240		39.6	40-140	Low Bias			
4-Chlorophenyl phenyl ether	725	249	"	1240		58.3	40-140				
4-Nitroaniline	789	249	"	1240		63.4	40-140				
4-Nitrophenol	693	249	"	1240		55.7	30-130				
Acenaphthene	788	249	"	1240		63.4	40-140				
Acenaphthylene	771	249	"	1240		62.0	40-140				
Aniline	1320	249	"	1240		107	40-140				
Anthracene	810	249	"	1240		65.2	40-140				
Benzo(a)anthracene	843	249	"	1240		67.8	40-140				
Benzo(a)pyrene	771	249	"	1240		62.0	40-140				
Benzo(b)fluoranthene	757	249	"	1240		60.9	40-140				
Benzo(g,h,i)perylene	767	249	"	1240		61.7	40-140				
Benzo(k)fluoranthene	828	249	"	1240		66.6	40-140				
Benzyl butyl phthalate	838	249	"	1240		67.4	40-140				
Bis(2-chloroethoxy)methane	929	249	"	1240		74.7	40-140				
Bis(2-chloroethyl)ether	2060	249	"	1240		165	40-140	High Bias			
Bis(2-chloroisopropyl)ether	1140	249	"	1240		91.8	40-140				
Bis(2-ethylhexyl)phthalate	806	249	"	1240		64.8	40-140				
Carbazole	814	249	"	1240		65.5	40-140				
Chrysene	818	249	"	1240		65.8	40-140				
Dibenzo(a,h)anthracene	767	249	"	1240		61.6	40-140				
Dibenzofuran	792	249	"	1240		63.7	40-140				
Diethyl phthalate	762	249	"	1240		61.3	40-140				
Dimethyl phthalate	775	249	"	1240		62.3	40-140				
Di-n-butyl phthalate	783	249	"	1240		63.0	40-140				
Di-n-octyl phthalate	760	249	"	1240		61.1	40-140				
Fluoranthene	770	249	"	1240		61.9	40-140				
Fluorene	770	249	"	1240		61.9	40-140				
Hexachlorobenzene	833	249	"	1240		67.0	40-140				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41345 - EPA 3546- SVOA RCP

LCS (BB41345-BS1)	LCS	Prepared: 02/21/2024 Analyzed: 02/22/2024									
Hexachlorobutadiene	733	249	ug/kg wet	1240		59.0	40-140				
Hexachlorocyclopentadiene	ND	498	"	1240			40-140	Low Bias			
Hexachloroethane	790	249	"	1240		63.5	40-140				
Indeno(1,2,3-cd)pyrene	809	249	"	1240		65.0	40-140				
Isophorone	942	249	"	1240		75.8	40-140				
Naphthalene	844	249	"	1240		67.8	40-140				
Nitrobenzene	929	249	"	1240		74.7	40-140				
N-nitroso-di-n-propylamine	897	249	"	1240		72.1	40-140				
N-Nitrosodiphenylamine	950	249	"	1240		76.4	40-140				
Pentachloronitrobenzene	729	249	"	1240		58.6	40-140				
Pentachlorophenol	592	249	"	1240		47.6	30-130				
Phenanthrene	818	249	"	1240		65.8	40-140				
Phenol	1040	249	"	1240		83.7	30-130				
Pyrene	893	249	"	1240		71.8	40-140				
Pyridine	708	249	"	1240		57.0	40-140				
Surrogate: SURR: 2-Fluorophenol	1900		"	2490		76.3	30-130				
Surrogate: SURR: Phenol-d6	1940		"	2490		77.8	30-130				
Surrogate: SURR: Nitrobenzene-d5	931		"	1240		74.9	30-130				
Surrogate: SURR: 2-Fluorobiphenyl	820		"	1240		65.9	30-130				
Surrogate: SURR: 2,4,6-Tribromophenol	1710		"	2490		68.9	30-130				
Surrogate: SURR: Terphenyl-d14	861		"	1240		69.2	30-130				

Matrix Spike (BB41345-MS1)	Matrix Spike	*Source sample: 24B1014-04 (CMS_WC_Fill2) Prepared: 02/21/2024 Analyzed: 02/22/2024									
1,2,4,5-Tetrachlorobenzene	904	574	ug/kg dry	1440	ND	63.0	40-140				
1,2,4-Trichlorobenzene	882	574	"	1440	ND	61.4	40-140				
1-Methylnaphthalene	945	574	"	1440	ND	65.8	40-140				
2,4,5-Trichlorophenol	964	574	"	1440	ND	67.1	30-130				
2,4,6-Trichlorophenol	921	574	"	1440	ND	64.2	30-130				
2,4-Dichlorophenol	956	574	"	1440	ND	66.6	30-130				
2,4-Dimethylphenol	900	574	"	1440	ND	62.7	30-130				
2,4-Dinitrophenol	418	574	"	1440	ND	29.1	30-130	Low Bias			
2,4-Dinitrotoluene	1010	574	"	1440	ND	70.2	40-140				
2,6-Dinitrotoluene	930	574	"	1440	ND	64.8	40-140				
2-Chloronaphthalene	1000	574	"	1440	ND	69.7	40-140				
2-Chlorophenol	1040	574	"	1440	ND	72.2	30-130				
2-Methylnaphthalene	996	574	"	1440	ND	69.4	40-140				
2-Methylphenol	1070	574	"	1440	ND	74.4	30-130				
2-Nitroaniline	1120	574	"	1440	ND	77.7	40-140				
2-Nitrophenol	1010	574	"	1440	ND	70.0	30-130				
3- & 4-Methylphenols	1000	574	"	1440	ND	69.9	40-140				
3,3-Dichlorobenzidine	750	574	"	1440	ND	52.2	40-140				
3-Nitroaniline	1000	574	"	1440	ND	69.8	40-140				
4,6-Dinitro-2-methylphenol	927	574	"	1440	ND	64.6	30-130				
4-Bromophenyl phenyl ether	930	574	"	1440	ND	64.8	40-140				
4-Chloro-3-methylphenol	1010	574	"	1440	ND	70.1	30-130				
4-Chloroaniline	717	574	"	1440	ND	49.9	40-140				
4-Chlorophenyl phenyl ether	933	574	"	1440	ND	65.0	40-140				
4-Nitroaniline	1050	574	"	1440	ND	72.8	40-140				
4-Nitrophenol	996	574	"	1440	ND	69.4	30-130				
Acenaphthene	1000	574	"	1440	ND	69.8	40-140				
Acenaphthylene	959	574	"	1440	ND	66.8	40-140				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41345 - EPA 3546- SVOA RCP

Matrix Spike (BB41345-MS1) Matrix Spike *Source sample: 24B1014-04 (CMS WC Fill2) Prepared: 02/21/2024 Analyzed: 02/22/2024

Aniline	1610	574	ug/kg dry	1440	ND	112	40-140				
Anthracene	1030	574	"	1440	ND	72.0	40-140				
Benzo(a)anthracene	1100	574	"	1440	ND	76.6	40-140				
Benzo(a)pyrene	1030	574	"	1440	ND	71.6	40-140				
Benzo(b)fluoranthene	1010	574	"	1440	ND	70.2	40-140				
Benzo(g,h,i)perylene	999	574	"	1440	ND	69.6	40-140				
Benzo(k)fluoranthene	1010	574	"	1440	ND	70.6	40-140				
Benzyl butyl phthalate	1050	574	"	1440	ND	73.2	40-140				
Bis(2-chloroethoxy)methane	1130	574	"	1440	ND	79.0	40-140				
Bis(2-chloroethyl)ether	2490	574	"	1440	ND	174	40-140	High Bias			
Bis(2-chloroisopropyl)ether	1410	574	"	1440	ND	98.2	40-140				
Bis(2-ethylhexyl)phthalate	1030	574	"	1440	ND	71.8	40-140				
Carbazole	1080	574	"	1440	ND	74.9	40-140				
Chrysene	1090	574	"	1440	ND	75.7	40-140				
Dibenzo(a,h)anthracene	1000	574	"	1440	ND	69.8	40-140				
Dibenzofuran	985	574	"	1440	ND	68.6	40-140				
Diethyl phthalate	988	574	"	1440	ND	68.8	40-140				
Dimethyl phthalate	979	574	"	1440	ND	68.2	40-140				
Di-n-butyl phthalate	1020	574	"	1440	ND	71.0	40-140				
Di-n-octyl phthalate	956	574	"	1440	ND	66.6	40-140				
Fluoranthene	1070	574	"	1440	ND	74.4	40-140				
Fluorene	977	574	"	1440	ND	68.1	40-140				
Hexachlorobenzene	1060	574	"	1440	ND	73.9	40-140				
Hexachlorobutadiene	880	574	"	1440	ND	61.3	40-140				
Hexachlorocyclopentadiene	ND	1150	"	1440	ND		40-140	Low Bias			
Hexachloroethane	950	574	"	1440	ND	66.2	40-140				
Indeno(1,2,3-cd)pyrene	1040	574	"	1440	ND	72.3	40-140				
Isophorone	1080	574	"	1440	ND	75.2	40-140				
Naphthalene	1020	574	"	1440	ND	70.9	40-140				
Nitrobenzene	1150	574	"	1440	ND	79.8	40-140				
N-nitroso-di-n-propylamine	1090	574	"	1440	ND	76.2	40-140				
N-Nitrosodiphenylamine	1190	574	"	1440	ND	83.2	40-140				
Pentachloronitrobenzene	949	574	"	1440	ND	66.1	40-140				
Pentachlorophenol	752	574	"	1440	ND	52.4	30-130				
Phenanthrene	1060	574	"	1440	ND	73.9	40-140				
Phenol	1260	574	"	1440	ND	88.1	30-130				
Pyrene	1150	574	"	1440	ND	80.1	40-140				
Pyridine	764	574	"	1440	ND	53.2	40-140				
Surrogate: SURRE: 2-Fluorophenol	2280		"	2870		79.4	30-130				
Surrogate: SURRE: Phenol-d6	2290		"	2870		79.9	30-130				
Surrogate: SURRE: Nitrobenzene-d5	1150		"	1440		80.2	30-130				
Surrogate: SURRE: 2-Fluorobiphenyl	1020		"	1440		71.1	30-130				
Surrogate: SURRE: 2,4,6-Tribromophenol	2100		"	2870		73.1	30-130				
Surrogate: SURRE: Terphenyl-d14	1100		"	1440		76.6	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41345 - EPA 3546- SVOA RCP											
Matrix Spike Dup (BB41345-1) Matrix Spike Dup						Source sample: 24B1014-04 (CMS WC Fill2) Prepared: 02/21/2024 Analyzed: 02/22/2024					
1,2,4,5-Tetrachlorobenzene	880	574	ug/kg dry	1440	ND	61.3	40-140		2.70	30	
1,2,4-Trichlorobenzene	888	574	"	1440	ND	61.8	40-140		0.649	30	
1-Methylnaphthalene	976	574	"	1440	ND	68.0	40-140		3.23	30	
2,4,5-Trichlorophenol	1080	574	"	1440	ND	75.2	30-130		11.4	30	
2,4,6-Trichlorophenol	941	574	"	1440	ND	65.5	30-130		2.10	30	
2,4-Dichlorophenol	998	574	"	1440	ND	69.5	30-130		4.35	30	
2,4-Dimethylphenol	925	574	"	1440	ND	64.4	30-130		2.64	30	
2,4-Dinitrophenol	629	574	"	1440	ND	43.8	30-130		40.4	30	Non-dir.
2,4-Dinitrotoluene	1080	574	"	1440	ND	74.9	40-140		6.51	30	
2,6-Dinitrotoluene	992	574	"	1440	ND	69.1	40-140		6.45	30	
2-Chloronaphthalene	992	574	"	1440	ND	69.1	40-140		0.807	30	
2-Chlorophenol	1020	574	"	1440	ND	71.0	30-130		1.56	30	
2-Methylnaphthalene	1020	574	"	1440	ND	71.0	40-140		2.28	30	
2-Methylphenol	1070	574	"	1440	ND	74.4	30-130		0.00	30	
2-Nitroaniline	1150	574	"	1440	ND	79.8	40-140		2.64	30	
2-Nitrophenol	1020	574	"	1440	ND	71.2	30-130		1.70	30	
3- & 4-Methylphenols	1010	574	"	1440	ND	70.3	40-140		0.570	30	
3,3-Dichlorobenzidine	829	574	"	1440	ND	57.8	40-140		10.0	30	
3-Nitroaniline	1030	574	"	1440	ND	71.7	40-140		2.60	30	
4,6-Dinitro-2-methylphenol	980	574	"	1440	ND	68.2	30-130		5.54	30	
4-Bromophenyl phenyl ether	996	574	"	1440	ND	69.4	40-140		6.80	30	
4-Chloro-3-methylphenol	1110	574	"	1440	ND	77.3	30-130		9.77	30	
4-Chloroaniline	795	574	"	1440	ND	55.4	40-140		10.3	30	
4-Chlorophenyl phenyl ether	964	574	"	1440	ND	67.1	40-140		3.27	30	
4-Nitroaniline	1110	574	"	1440	ND	77.1	40-140		5.76	30	
4-Nitrophenol	1020	574	"	1440	ND	70.7	30-130		1.94	30	
Acenaphthene	983	574	"	1440	ND	68.5	40-140		1.85	30	
Acenaphthylene	1000	574	"	1440	ND	69.8	40-140		4.34	30	
Aniline	1540	574	"	1440	ND	107	40-140		4.16	30	
Anthracene	1090	574	"	1440	ND	75.6	40-140		4.88	30	
Benzo(a)anthracene	1180	574	"	1440	ND	82.5	40-140		7.44	30	
Benzo(a)pyrene	1100	574	"	1440	ND	76.3	40-140		6.38	30	
Benzo(b)fluoranthene	1040	574	"	1440	ND	72.7	40-140		3.58	30	
Benzo(g,h,i)perylene	1040	574	"	1440	ND	72.4	40-140		3.94	30	
Benzo(k)fluoranthene	1050	574	"	1440	ND	73.3	40-140		3.67	30	
Benzyl butyl phthalate	1170	574	"	1440	ND	81.3	40-140		10.5	30	
Bis(2-chloroethoxy)methane	1130	574	"	1440	ND	79.0	40-140		0.00	30	
Bis(2-chloroethyl)ether	2390	574	"	1440	ND	166	40-140	High Bias	4.19	30	
Bis(2-chloroisopropyl)ether	1400	574	"	1440	ND	97.8	40-140		0.327	30	
Bis(2-ethylhexyl)phthalate	1140	574	"	1440	ND	79.1	40-140		9.76	30	
Carbazole	1120	574	"	1440	ND	78.2	40-140		4.39	30	
Chrysene	1160	574	"	1440	ND	80.6	40-140		6.35	30	
Dibenzo(a,h)anthracene	1060	574	"	1440	ND	73.8	40-140		5.46	30	
Dibenzofuran	1030	574	"	1440	ND	72.0	40-140		4.78	30	
Diethyl phthalate	1050	574	"	1440	ND	72.9	40-140		5.76	30	
Dimethyl phthalate	1050	574	"	1440	ND	72.8	40-140		6.58	30	
Di-n-butyl phthalate	1100	574	"	1440	ND	76.9	40-140		8.01	30	
Di-n-octyl phthalate	1030	574	"	1440	ND	71.4	40-140		7.07	30	
Fluoranthene	1160	574	"	1440	ND	80.8	40-140		8.25	30	
Fluorene	1040	574	"	1440	ND	72.4	40-140		6.15	30	
Hexachlorobenzene	1100	574	"	1440	ND	76.6	40-140		3.51	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	
		Limit		Level	Result	%REC			RPD	Limit

Batch BB41345 - EPA 3546- SVOA RCP

Matrix Spike Dup (BB41345-1) Matrix Spike Dup Source sample: 24B1014-04 (CMS WC Fill2) Prepared: 02/21/2024 Analyzed: 02/22/2024

Hexachlorobutadiene	861	574	ug/kg dry	1440	ND	60.0	40-140		2.11	30
Hexachlorocyclopentadiene	ND	1150	"	1440	ND		40-140	Low Bias		30
Hexachloroethane	914	574	"	1440	ND	63.7	40-140		3.82	30
Indeno(1,2,3-cd)pyrene	1100	574	"	1440	ND	76.9	40-140		6.11	30
Isophorone	1120	574	"	1440	ND	77.7	40-140		3.24	30
Naphthalene	1020	574	"	1440	ND	70.9	40-140		0.00	30
Nitrobenzene	1140	574	"	1440	ND	79.2	40-140		0.705	30
N-nitroso-di-n-propylamine	1130	574	"	1440	ND	78.7	40-140		3.20	30
N-Nitrosodiphenylamine	1230	574	"	1440	ND	85.4	40-140		2.66	30
Pentachloronitrobenzene	1020	574	"	1440	ND	70.7	40-140		6.78	30
Pentachlorophenol	824	574	"	1440	ND	57.4	30-130		9.04	30
Phenanthrene	1120	574	"	1440	ND	78.3	40-140		5.78	30
Phenol	1270	574	"	1440	ND	88.4	30-130		0.363	30
Pyrene	1270	574	"	1440	ND	88.5	40-140		9.97	30
Pyridine	805	574	"	1440	ND	56.1	40-140		5.27	30
Surrogate: SURR: 2-Fluorophenol	2220		"	2870		77.2	30-130			
Surrogate: SURR: Phenol-d6	2340		"	2870		81.6	30-130			
Surrogate: SURR: Nitrobenzene-d5	1170		"	1440		81.2	30-130			
Surrogate: SURR: 2-Fluorobiphenyl	1000		"	1440		69.8	30-130			
Surrogate: SURR: 2,4,6-Tribromophenol	2260		"	2870		78.6	30-130			
Surrogate: SURR: Terphenyl-d14	1180		"	1440		82.5	30-130			



Organochlorine Pesticides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41212 - EPA 3546 PCB-RCP

Blank (BB41212-BLK1)	Blank	Prepared: 02/20/2024 Analyzed: 02/22/2024									
4,4'-DDD	ND	0.00246	mg/kg wet								
4,4'-DDE	ND	0.00246	"								
4,4'-DDT	ND	0.00246	"								
Alachlor	ND	0.00246	"								
Aldrin	ND	0.00246	"								
alpha-BHC	ND	0.00246	"								
beta-BHC	ND	0.00246	"								
Chlordane, total	ND	0.0328	"								
delta-BHC	ND	0.00246	"								
Dieldrin	ND	0.00246	"								
Endosulfan I	ND	0.00246	"								
Endosulfan II	ND	0.00246	"								
Endosulfan sulfate	ND	0.00246	"								
Endrin	ND	0.00246	"								
Endrin aldehyde	ND	0.00246	"								
Endrin ketone	ND	0.00246	"								
gamma-BHC (Lindane)	ND	0.00246	"								
Heptachlor	ND	0.00246	"								
Heptachlor epoxide	ND	0.00246	"								
Methoxychlor	ND	0.0123	"								
Toxaphene	ND	0.124	"								

Surrogate: Decachlorobiphenyl	0.113		"	0.0995		114	30-150				
Surrogate: Tetrachloro-m-xylene	0.0972		"	0.0995		97.7	30-150				

LCS (BB41212-BS1)	LCS	Prepared: 02/20/2024 Analyzed: 02/22/2024									
4,4'-DDD	0.0474	0.00246	mg/kg wet	0.0498		95.3	40-140				
4,4'-DDE	0.0493	0.00246	"	0.0498		99.0	40-140				
4,4'-DDT	0.0429	0.00246	"	0.0498		86.3	40-140				
Alachlor	0.0566	0.00246	"	0.0498		114	40-140				
Aldrin	0.0422	0.00246	"	0.0498		84.8	40-140				
alpha-BHC	0.0417	0.00246	"	0.0498		83.8	40-140				
beta-BHC	0.0383	0.00246	"	0.0498		77.0	40-140				
delta-BHC	0.0401	0.00246	"	0.0498		80.6	40-140				
Dieldrin	0.0501	0.00246	"	0.0498		101	40-140				
Endosulfan I	0.0534	0.00246	"	0.0498		107	40-140				
Endosulfan II	0.0552	0.00246	"	0.0498		111	40-140				
Endosulfan sulfate	0.0443	0.00246	"	0.0498		89.1	40-140				
Endrin	0.0449	0.00246	"	0.0498		90.2	40-140				
Endrin aldehyde	0.0473	0.00246	"	0.0498		95.0	40-140				
Endrin ketone	0.0476	0.00246	"	0.0498		95.6	40-140				
gamma-BHC (Lindane)	0.0420	0.00246	"	0.0498		84.5	40-140				
Heptachlor	0.0443	0.00246	"	0.0498		89.1	40-140				
Heptachlor epoxide	0.0514	0.00246	"	0.0498		103	40-140				
Methoxychlor	0.0593	0.0123	"	0.0498		119	40-140				

Surrogate: Decachlorobiphenyl	0.106		"	0.0995		106	30-150				
Surrogate: Tetrachloro-m-xylene	0.0885		"	0.0995		89.0	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41212 - EPA 3546 PCB-RCP

Matrix Spike (BB41212-MS1)	Matrix Spike	*Source sample: 24B1014-03 (CMS_WC_Fill1)					Prepared: 02/20/2024 Analyzed: 02/22/2024				
4,4'-DDD	0.0499	0.00297	mg/kg dry	0.0601	ND	83.1	30-150				
4,4'-DDE	0.0489	0.00297	"	0.0601	ND	81.4	30-150				
4,4'-DDT	0.0507	0.00297	"	0.0601	ND	84.3	30-150				
Alachlor	0.0657	0.00297	"	0.0601	ND	109	30-150				
Aldrin	0.0441	0.00297	"	0.0601	ND	73.4	30-150				
alpha-BHC	0.0440	0.00297	"	0.0601	ND	73.2	30-150				
beta-BHC	0.0438	0.00297	"	0.0601	ND	72.9	30-150				
delta-BHC	0.0434	0.00297	"	0.0601	ND	72.2	30-150				
Dieldrin	0.0492	0.00297	"	0.0601	ND	81.8	30-150				
Endosulfan I	0.0513	0.00297	"	0.0601	ND	85.3	30-150				
Endosulfan II	0.0543	0.00297	"	0.0601	ND	90.4	30-150				
Endosulfan sulfate	0.0467	0.00297	"	0.0601	ND	77.8	30-150				
Endrin	0.0513	0.00297	"	0.0601	ND	85.4	30-150				
Endrin aldehyde	0.0501	0.00297	"	0.0601	ND	83.3	30-150				
Endrin ketone	0.0502	0.00297	"	0.0601	ND	83.6	30-150				
gamma-BHC (Lindane)	0.0448	0.00297	"	0.0601	ND	74.5	30-150				
Heptachlor	0.0474	0.00297	"	0.0601	ND	79.0	30-150				
Heptachlor epoxide	0.0505	0.00297	"	0.0601	ND	84.0	30-150				
Methoxychlor	0.0616	0.0149	"	0.0601	ND	102	30-150				
Surrogate: Decachlorobiphenyl	0.103		"	0.120		85.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.0956		"	0.120		79.6	30-150				

Matrix Spike Dup (BB41212-MS1)	Matrix Spike Dup	*Source sample: 24B1014-03 (CMS_WC_Fill1)					Prepared: 02/20/2024 Analyzed: 02/22/2024				
4,4'-DDD	0.0391	0.00297	mg/kg dry	0.0601	ND	65.0	30-150	24.4	30		
4,4'-DDE	0.0415	0.00297	"	0.0601	ND	69.1	30-150	16.2	30		
4,4'-DDT	0.0387	0.00297	"	0.0601	ND	64.4	30-150	26.7	30		
Alachlor	0.0466	0.00297	"	0.0601	ND	77.6	30-150	33.9	30	Non-dir.	
Aldrin	0.0362	0.00297	"	0.0601	ND	60.3	30-150	19.7	30		
alpha-BHC	0.0352	0.00297	"	0.0601	ND	58.6	30-150	22.2	30		
beta-BHC	0.0337	0.00297	"	0.0601	ND	56.1	30-150	26.1	30		
delta-BHC	0.0348	0.00297	"	0.0601	ND	57.9	30-150	22.0	30		
Dieldrin	0.0421	0.00297	"	0.0601	ND	70.1	30-150	15.4	30		
Endosulfan I	0.0443	0.00297	"	0.0601	ND	73.7	30-150	14.6	30		
Endosulfan II	0.0450	0.00297	"	0.0601	ND	74.9	30-150	18.8	30		
Endosulfan sulfate	0.0370	0.00297	"	0.0601	ND	61.5	30-150	23.3	30		
Endrin	0.0397	0.00297	"	0.0601	ND	66.1	30-150	25.5	30		
Endrin aldehyde	0.0422	0.00297	"	0.0601	ND	70.2	30-150	17.0	30		
Endrin ketone	0.0407	0.00297	"	0.0601	ND	67.8	30-150	20.9	30		
gamma-BHC (Lindane)	0.0359	0.00297	"	0.0601	ND	59.7	30-150	22.1	30		
Heptachlor	0.0366	0.00297	"	0.0601	ND	61.0	30-150	25.7	30		
Heptachlor epoxide	0.0432	0.00297	"	0.0601	ND	71.8	30-150	15.6	30		
Methoxychlor	0.0546	0.0149	"	0.0601	ND	90.9	30-150	12.0	30		
Surrogate: Decachlorobiphenyl	0.0905		"	0.120		75.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.0784		"	0.120		65.2	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41570 - EPA 3510C/1311

Blank (BB41570-BLK1)		Blank		Prepared: 02/24/2024 Analyzed: 02/26/2024							
Chlordane, total	ND	0.200	ug/L								
Endrin	ND	0.0400	"								
gamma-BHC (Lindane)	ND	0.0400	"								
Heptachlor	ND	0.0400	"								
Heptachlor epoxide	ND	0.0400	"								
Methoxychlor	ND	0.0400	"								
Toxaphene	ND	1.00	"								
<i>Surrogate: Decachlorobiphenyl</i>	1.81		"	2.00		90.6	30-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	1.81		"	2.00		90.7	30-120				

LCS (BB41570-BS1)		LCS		Prepared: 02/24/2024 Analyzed: 02/26/2024							
Endrin	1.00	0.0400	ug/L	1.00	100	40-120					
gamma-BHC (Lindane)	0.905	0.0400	"	1.00	90.5	40-120					
Heptachlor	1.13	0.0400	"	1.00	113	40-120					
Heptachlor epoxide	0.944	0.0400	"	1.00	94.4	40-120					
Methoxychlor	1.14	0.0400	"	1.00	114	40-120					
<i>Surrogate: Decachlorobiphenyl</i>	1.96		"	2.00	98.2	30-120					
<i>Surrogate: Tetrachloro-m-xylene</i>	1.97		"	2.00	98.7	30-120					

LCS Dup (BB41570-BSD1)		LCS Dup		Prepared: 02/24/2024 Analyzed: 02/26/2024							
Endrin	0.926	0.0400	ug/L	1.00	92.6	40-120		8.01	30		
gamma-BHC (Lindane)	0.848	0.0400	"	1.00	84.8	40-120		6.49	30		
Heptachlor	1.05	0.0400	"	1.00	105	40-120		7.18	30		
Heptachlor epoxide	0.884	0.0400	"	1.00	88.4	40-120		6.57	30		
Methoxychlor	1.06	0.0400	"	1.00	106	40-120		7.22	30		
<i>Surrogate: Decachlorobiphenyl</i>	1.75		"	2.00	87.3	30-120					
<i>Surrogate: Tetrachloro-m-xylene</i>	1.78		"	2.00	89.0	30-120					



Organochlorine Pesticides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BB41570 - EPA 3510C/1311

Leach Fluid Blank (BB41570) Leach Fluid Blank Prepared: 02/24/2024 Analyzed: 02/26/2024

Chlordane, total	ND	0.286	ug/L										
Endrin	ND	0.0571	"										
gamma-BHC (Lindane)	ND	0.0571	"										
Heptachlor	ND	0.0571	"										
Heptachlor epoxide	ND	0.0571	"										
Methoxychlor	ND	0.0571	"										
Toxaphene	ND	1.43	"										
<i>Surrogate: Decachlorobiphenyl</i>	2.67		"	2.86		93.3		30-120					
<i>Surrogate: Tetrachloro-m-xylene</i>	2.53		"	2.86		88.5		30-120					

Matrix Spike (BB41570-MS1) Matrix Spike *Source sample: 24B1030-01 (Matrix Spike) Prepared: 02/24/2024 Analyzed: 02/26/2024

Endrin	1.38	0.0500	ug/L	1.25	ND	110		30-150					
gamma-BHC (Lindane)	1.13	0.0500	"	1.25	ND	90.1		30-150					
Heptachlor	1.46	0.0500	"	1.25	ND	117		30-150					
Heptachlor epoxide	1.24	0.0500	"	1.25	ND	99.6		30-150					
Methoxychlor	1.65	0.0500	"	1.25	ND	132		30-150					
<i>Surrogate: Decachlorobiphenyl</i>	2.52		"	2.50		101		30-120					
<i>Surrogate: Tetrachloro-m-xylene</i>	2.12		"	2.50		84.9		30-120					

Batch BC41705 - EPA 3510C/1312

Blank (BC41705-BLK1) Blank Prepared: 03/24/2024 Analyzed: 03/27/2024

4,4'-DDD	ND	0.00100	ug/L										
4,4'-DDE	ND	0.00100	"										
4,4'-DDT	ND	0.00100	"										
<i>Surrogate: Decachlorobiphenyl</i>	0.167		"	0.200		83.7		30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.123		"	0.200		61.3		30-150					



Organochlorine Pesticides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC41705 - EPA 3510C/1312											
LCS (BC41705-BS1)	LCS						Prepared: 03/24/2024 Analyzed: 03/27/2024				
4,4'-DDD	0.0753	0.00100	ug/L	0.100		75.3	40-140				
4,4'-DDE	0.0694	0.00100	"	0.100		69.4	40-140				
4,4'-DDT	0.0863	0.00100	"	0.100		86.3	40-140				
Surrogate: Decachlorobiphenyl	0.172		"	0.200		85.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.140		"	0.200		70.0	30-150				
LCS Dup (BC41705-BS1)	LCS Dup						Prepared: 03/24/2024 Analyzed: 03/27/2024				
4,4'-DDD	0.0718	0.00100	ug/L	0.100		71.8	40-140		4.69	30	
4,4'-DDE	0.0655	0.00100	"	0.100		65.5	40-140		5.76	30	
4,4'-DDT	0.0820	0.00100	"	0.100		82.0	40-140		5.06	30	
Surrogate: Decachlorobiphenyl	0.174		"	0.200		87.1	30-150				
Surrogate: Tetrachloro-m-xylene	0.131		"	0.200		65.6	30-150				
Leach Fluid Blank (BC41705-)	Leach Fluid Blank						Prepared: 03/24/2024 Analyzed: 03/27/2024				
4,4'-DDD	ND	0.00111	ug/L								
4,4'-DDE	ND	0.00111	"								
4,4'-DDT	ND	0.00111	"								
Surrogate: Decachlorobiphenyl	0.196		"	0.222		88.1	30-150				
Surrogate: Tetrachloro-m-xylene	0.142		"	0.222		63.9	30-150				
Matrix Spike (BC41705-MS1)	Matrix Spike						Prepared: 03/24/2024 Analyzed: 03/27/2024				
		*Source sample: 24B1014-02 (CMS_WC_Subbase)									
4,4'-DDD	0.0735	0.00111	ug/L	0.111	ND	66.2	30-150				
4,4'-DDE	0.0569	0.00111	"	0.111	ND	51.2	30-150				
4,4'-DDT	0.0737	0.00111	"	0.111	ND	66.4	30-150				
Surrogate: Decachlorobiphenyl	0.0660		"	0.222		29.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.130		"	0.222		58.4	30-150				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD		
		Limit								Level	Result	Limit
Batch BB41212 - EPA 3546 PCB-RCP												
Blank (BB41212-BLK2)	Blank										Prepared: 02/20/2024 Analyzed: 02/21/2024	
Aroclor 1016	ND	0.0250	mg/kg wet									
Aroclor 1221	ND	0.0250	"									
Aroclor 1232	ND	0.0250	"									
Aroclor 1242	ND	0.0250	"									
Aroclor 1248	ND	0.0250	"									
Aroclor 1254	ND	0.0250	"									
Aroclor 1260	ND	0.0250	"									
Aroclor 1262	ND	0.0250	"									
Aroclor 1268	ND	0.0250	"									
Total PCBs	ND	0.0250	"									
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.112</i>		<i>"</i>	<i>0.100</i>		<i>112</i>		<i>30-150</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0945</i>		<i>"</i>	<i>0.100</i>		<i>94.5</i>		<i>30-150</i>				
LCS (BB41212-BS2)	LCS										Prepared: 02/20/2024 Analyzed: 02/21/2024	
Aroclor 1016	0.519	0.0249	mg/kg wet	0.498		104		40-140				
Aroclor 1260	0.608	0.0249	"	0.498		122		40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0985</i>		<i>"</i>	<i>0.0995</i>		<i>99.0</i>		<i>30-150</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0881</i>		<i>"</i>	<i>0.0995</i>		<i>88.5</i>		<i>30-150</i>				
Matrix Spike (BB41212-MS2)	Matrix Spike	*Source sample: 24B1014-03 (CMS_WC_Fill1)										Prepared: 02/20/2024 Analyzed: 02/21/2024
Aroclor 1016	0.209	0.0300	mg/kg dry	0.601	ND	34.9		40-140	Low Bias			
Aroclor 1260	0.411	0.0300	"	0.601	ND	68.3		40-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0998</i>		<i>"</i>	<i>0.120</i>		<i>83.0</i>		<i>30-150</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0841</i>		<i>"</i>	<i>0.120</i>		<i>70.0</i>		<i>30-150</i>				
Matrix Spike Dup (BB41212-MS2)	Matrix Spike Dup	*Source sample: 24B1014-03 (CMS_WC_Fill1)										Prepared: 02/20/2024 Analyzed: 02/21/2024
Aroclor 1016	0.141	0.0300	mg/kg dry	0.601	ND	23.4		40-140	Low Bias	39.2	50	
Aroclor 1260	0.233	0.0300	"	0.601	ND	38.8		40-140	Low Bias	55.2	50 Non-dir.	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0673</i>		<i>"</i>	<i>0.120</i>		<i>56.0</i>		<i>30-150</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0529</i>		<i>"</i>	<i>0.120</i>		<i>44.0</i>		<i>30-150</i>				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BB41205 - EPA 3550C/8151A												
Blank (BB41205-BLK1)	Blank								Prepared & Analyzed: 02/20/2024			
2,4,5-T	ND	0.0199	mg/kg wet									
2,4,5-TP (Silvex)	ND	0.0199	"									
2,4-D	ND	0.0199	"									
Dalapon	ND	0.0199	"									
Dicamba	ND	0.0199	"									
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	0.414		"	0.415		99.6	21-150					
LCS (BB41205-BS1)	LCS								Prepared & Analyzed: 02/20/2024			
2,4,5-T	0.0922	0.0199	mg/kg wet	0.133		69.4	10-120					
2,4,5-TP (Silvex)	0.110	0.0199	"	0.133		82.5	10-120					
2,4-D	0.104	0.0199	"	0.133		78.1	10-118					
Dalapon	0.115	0.0199	"	0.133		86.2	10-128					
Dicamba	0.105	0.0199	"	0.133		79.4	12-117					
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	0.337		"	0.415		81.2	21-150					
Matrix Spike (BB41205-MS1)	Matrix Spike	*Source sample: 24B1018-01 (Matrix Spike)						Prepared & Analyzed: 02/20/2024				
2,4,5-T	0.120	0.0221	mg/kg dry	0.147	ND	81.3	10-120					
2,4,5-TP (Silvex)	0.120	0.0221	"	0.147	ND	81.3	10-120					
2,4-D	0.144	0.0221	"	0.147	ND	98.1	10-118					
Dalapon	0.135	0.0221	"	0.147	ND	91.9	10-150					
Dicamba	0.123	0.0221	"	0.147	ND	83.7	12-117					
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	0.411		"	0.460		89.4	21-150					
Matrix Spike Dup (BB41205-MS1)	Matrix Spike Dup	*Source sample: 24B1018-01 (Matrix Spike Dup)						Prepared & Analyzed: 02/20/2024				
2,4,5-T	0.111	0.0224	mg/kg dry	0.149	ND	74.4	10-120		7.52	35		
2,4,5-TP (Silvex)	0.114	0.0224	"	0.149	ND	76.2	10-120		5.03	35		
2,4-D	0.127	0.0224	"	0.149	ND	85.0	10-118		13.0	35		
Dalapon	0.121	0.0224	"	0.149	ND	81.3	10-150		11.0	35		
Dicamba	0.111	0.0224	"	0.149	ND	74.4	12-117		10.5	35		
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	0.395		"	0.466		84.8	21-150					



Chlorinated Herbicides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41337 - EPA 3535A/1311											
Blank (BB41337-BLK1)	Blank										Prepared & Analyzed: 02/21/2024
2,4,5-TP (Silvex)	ND	5.00	ug/L								
2,4-D	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	50.5		"	125		40.4	10-150				
LCS (BB41337-BS1)	LCS										Prepared & Analyzed: 02/21/2024
2,4,5-TP (Silvex)	21.2	5.00	ug/L	40.0		53.1	10-139				
2,4-D	23.8	5.00	"	40.0		59.4	10-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	48.2		"	125		38.6	10-150				
Leach Fluid Blank (BB41337-)	Leach Fluid Blank										Prepared & Analyzed: 02/21/2024
2,4,5-TP (Silvex)	ND	5.00	ug/L								
2,4-D	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	33.8		"	125		27.0	10-150				
Matrix Spike (BB41337-MS1)	Matrix Spike *Source sample: 24B1014-03 (CMS WC Fill1)										Prepared & Analyzed: 02/21/2024
2,4,5-TP (Silvex)	23.5	5.00	ug/L	40.0	ND	58.8	20-140				
2,4-D	28.5	5.00	"	40.0	ND	71.2	20-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	32.2		"	125		25.8	10-150				



Gas Chromatography/Flame Ionization Detector - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BB41209 - EPA 3550C												
Blank (BB41209-BLK1)	Blank										Prepared & Analyzed: 02/20/2024	
Total Petroleum Hydrocarbons-DRO	ND	9.90	mg/kg wet									
<i>Surrogate: Triacontane</i>	7.41		"	9.90		74.8	30-150					
LCS (BB41209-BS1)	LCS										Prepared & Analyzed: 02/20/2024	
Total Petroleum Hydrocarbons-DRO	149	9.90	mg/kg wet	170		87.6	40-140					
<i>Surrogate: Triacontane</i>	7.68		"	9.90		77.6	30-150					
Matrix Spike (BB41209-MS1)	Matrix Spike	*Source sample: 24B1014-01 (CMS_WC_Topsoil)										Prepared & Analyzed: 02/20/2024
Total Petroleum Hydrocarbons-DRO	177	12.6	mg/kg dry	217	15.6	74.4	30-150					
<i>Surrogate: Triacontane</i>	9.54		"	12.6		75.7	30-150					
Matrix Spike Dup (BB41209-MS1)	Matrix Spike Dup	*Source sample: 24B1014-01 (CMS_WC_Topsoil)										Prepared & Analyzed: 02/20/2024
Total Petroleum Hydrocarbons-DRO	179	12.9	mg/kg dry	221	15.6	73.9	30-150		1.17	30		
<i>Surrogate: Triacontane</i>	9.34		"	12.9		72.7	30-150					
Batch BB41246 - EPA 5035A												
Blank (BB41246-BLK1)	Blank										Prepared & Analyzed: 02/20/2024	
Total Petroleum Hydrocarbons-GRO	ND	80.0	mg/kg wet									
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	180		ug/L	200		89.9	52-146					
Duplicate (BB41246-DUP1)	Duplicate	*Source sample: 24B1014-01 (CMS_WC_Topsoil)										Prepared & Analyzed: 02/20/2024
Total Petroleum Hydrocarbons-GRO	ND	107	mg/kg dry		ND					30		
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	182		ug/L	200		90.9	52-146					
Reference (BB41246-SRM1)	Reference										Prepared & Analyzed: 02/20/2024	
Total Petroleum Hydrocarbons-GRO	133	20.0	mg/kg wet	178		74.6	24.9-150					
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	189		ug/L	200		94.6	52-146					



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BB41454 - EPA 3050B

Blank (BB41454-BLK1)		Blank		Prepared: 02/22/2024 Analyzed: 02/26/2024								
Antimony	ND	1.74	mg/kg wet									
Arsenic	ND	1.04	"									
Barium	ND	1.73	"									
Beryllium	ND	0.0350	"									
Cadmium	ND	0.208	"									
Chromium	ND	0.348	"									
Copper	ND	1.39	"									
Lead	ND	0.348	"									
Nickel	ND	0.692	"									
Selenium	ND	1.74	"									
Silver	ND	0.350	"									
Thallium	ND	1.74	"									
Vanadium	ND	0.692	"									
Zinc	ND	1.73	"									

Duplicate (BB41454-DUP1)		Duplicate		*Source sample: 24B1034-13 (Duplicate)		Prepared: 02/22/2024 Analyzed: 02/26/2024						
Antimony	ND	2.69	mg/kg dry	ND								35
Arsenic	11.3	1.62	"	12.4						8.58		35
Barium	1090	2.69	"	412						90.5		35 Non-dir.
Beryllium	0.296	0.0543	"	0.182						47.8		35 Non-dir.
Cadmium	1.65	0.323	"	0.364						128		35 Non-dir.
Chromium	56.8	0.539	"	43.3						27.0		35
Copper	90.4	2.16	"	79.8						12.5		35
Lead	492	0.539	"	276						56.4		35 Non-dir.
Nickel	32.9	1.07	"	29.1						12.3		35
Selenium	4.59	2.69	"	6.85						39.4		35 Non-dir.
Silver	ND	0.543	"	ND								35
Thallium	ND	2.69	"	ND								35
Vanadium	18.7	1.07	"	11.6						47.0		35 Non-dir.
Zinc	530	2.68	"	294						57.3		35 Non-dir.



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result					Limit			

Batch BB41454 - EPA 3050B

Matrix Spike (BB41454-MS1)	Matrix Spike	*Source sample: 24B1034-13 (Matrix Spike)						Prepared: 02/22/2024 Analyzed: 02/26/2024					
Antimony	16.9	2.69	mg/kg dry	32.3	ND	52.1	75-125	Low Bias					
Arsenic	275	1.62	"	259	12.4	102	75-125						
Barium	1510	2.69	"	259	412	423	75-125	High Bias					
Beryllium	7.04	0.0543	"	6.47	0.182	106	75-125						
Cadmium	8.50	0.323	"	6.47	0.364	126	75-125	High Bias					
Chromium	85.9	0.539	"	25.9	43.3	165	75-125	High Bias					
Copper	123	2.16	"	32.3	79.8	135	75-125	High Bias					
Lead	667	0.539	"	64.7	276	605	75-125	High Bias					
Nickel	104	1.07	"	64.7	29.1	115	75-125						
Selenium	255	2.69	"	259	6.85	95.9	75-125						
Silver	5.65	0.543	"	6.47	ND	87.4	75-125						
Thallium	242	2.69	"	259	ND	93.5	75-125						
Vanadium	87.5	1.07	"	64.7	11.6	117	75-125						
Zinc	748	2.68	"	64.7	294	702	75-125	High Bias					

Post Spike (BB41454-PS1)	Post Spike	*Source sample: 24B1034-13 (Post Spike)						Prepared: 02/22/2024 Analyzed: 02/26/2024					
Antimony	0.270		ug/mL	0.250	0.0174	101	75-125						
Arsenic	2.29		mg/L	2.00	0.096	110	75-125						
Barium	5.40		"	2.00	3.18	111	75-125						
Beryllium	0.0559		ug/mL	0.0500	0.00140	109	75-125						
Cadmium	0.056		mg/L	0.0500	0.003	106	75-125						
Chromium	0.550		"	0.200	0.335	107	75-125						
Copper	0.917		"	0.250	0.617	120	75-125						
Lead	2.66		"	0.500	2.13	106	75-125						
Nickel	0.772		"	0.500	0.225	110	75-125						
Selenium	2.21		"	2.00	0.053	108	75-125						
Silver	0.036		"	0.0500	-0.013	71.9	75-125	Low Bias					
Thallium	2.02		ug/mL	2.00	0.0142	100	75-125						
Vanadium	0.635		"	0.500	0.0897	109	75-125						
Zinc	2.77		mg/L	0.500	2.27	99.4	75-125						



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BB41454 - EPA 3050B

Reference (BB41454-SRM1)	Reference	Prepared: 02/22/2024 Analyzed: 02/26/2024											
Antimony	63.6	1.74	mg/kg wet	276		23.0	2.17-110						
Arsenic	174	1.04	"	223		78.0	70.4-102.2						
Barium	400	1.73	"	445		90.0	77.9-110.8						
Beryllium	106	0.0350	"	131		80.9	76.3-107.6						
Cadmium	181	0.208	"	226		79.9	88.1-104.9	Low Bias					
Chromium	198	0.348	"	230		86.0	73.5-107						
Copper	223	1.39	"	239		93.4	75.3-105.9						
Lead	224	0.348	"	275		81.3	74.2-108						
Nickel	101	0.692	"	118		85.5	72-104.2						
Selenium	116	1.74	"	137		84.3	70.9-108.8						
Silver	62.3	0.350	"	75.3		82.7	72-110.1						
Thallium	131	1.74	"	165		79.6	70.9-106.7						
Vanadium	151	0.692	"	183		82.3	67.2-106.6						
Zinc	237	1.73	"	286		82.7	75.9-111.5						

Batch BB41510 - EPA 3015A/1311

Blank (BB41510-BLK1)	Blank	Prepared: 02/23/2024 Analyzed: 02/26/2024											
Arsenic	ND	0.017	mg/L										
Barium	ND	0.028	"										
Cadmium	ND	0.003	"										
Chromium	ND	0.006	"										
Lead	ND	0.006	"										
Selenium	ND	0.028	"										
Silver	ND	0.006	"										

LCS (BB41510-BS1)	LCS	Prepared: 02/23/2024 Analyzed: 02/26/2024											
Arsenic	2.15		ug/mL	2.00		108	80-120						
Barium	2.21		"	2.00		110	80-120						
Cadmium	0.058		"	0.0500		115	80-120						
Chromium	0.217		"	0.200		109	80-120						
Lead	0.539		"	0.500		108	80-120						
Selenium	2.18		"	2.00		109	80-120						
Silver	0.050		"	0.0500		99.8	80-120						



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit		Level	Result					Limit	

Batch BB41510 - EPA 3015A/1311

Duplicate (BB41510-DUP1)	Duplicate	*Source sample: 24B0975-02 (Duplicate)						Prepared: 02/23/2024 Analyzed: 02/26/2024			
Arsenic	ND	0.375	mg/L	ND						20	
Barium	ND	0.625	"	ND						20	
Cadmium	ND	0.075	"	ND						20	
Chromium	ND	0.125	"	ND						20	
Lead	ND	0.125	"	ND						20	
Selenium	ND	0.625	"	ND						20	
Silver	ND	0.125	"	ND						20	

Leach Fluid Blank (BB41510-)	Leach Fluid Blank	*Source sample: 24B0975-02 (Matrix Spike)						Prepared: 02/23/2024 Analyzed: 02/26/2024			
Arsenic	ND	0.375	mg/L								
Barium	ND	0.625	"								
Cadmium	ND	0.075	"								
Chromium	ND	0.125	"								
Lead	ND	0.125	"								
Selenium	ND	0.625	"								
Silver	ND	0.125	"								

Matrix Spike (BB41510-MS1)	Matrix Spike	*Source sample: 24B0975-02 (Matrix Spike)						Prepared: 02/23/2024 Analyzed: 02/26/2024			
Arsenic	54.5	0.375	mg/L	50.0	ND	109	75-125				
Barium	55.9	0.625	"	50.0	ND	112	75-125				
Cadmium	1.45	0.075	"	1.25	ND	116	75-125				
Chromium	5.47	0.125	"	5.00	ND	109	75-125				
Lead	13.5	0.125	"	12.5	ND	108	75-125				
Selenium	56.1	0.625	"	50.0	ND	112	75-125				
Silver	1.24	0.125	"	1.25	ND	99.4	75-125				

Post Spike (BB41510-PS1)	Post Spike	*Source sample: 24B0975-02 (Post Spike)						Prepared: 02/23/2024 Analyzed: 02/26/2024			
Arsenic	2.38		ug/mL	2.00	-0.011	119	75-125				
Barium	2.36		"	2.00	0.022	117	75-125				
Cadmium	0.062		"	0.0500	0.0004	124	75-125				
Chromium	0.235		"	0.200	-0.00005	118	75-125				
Lead	0.590		"	0.500	-0.001	118	75-125				
Selenium	2.38		"	2.00	-0.003	119	75-125				
Silver	0.045		"	0.0500	-0.0002	90.9	75-125				



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BB41400 - EPA SW846-7470A												
Blank (BB41400-BLK1)	Blank										Prepared & Analyzed: 02/22/2024	
Mercury	ND	0.000200	mg/L									
Blank (BB41400-BLK2)	Blank										Prepared & Analyzed: 02/22/2024	
Mercury	ND	0.000200	mg/L									
LCS (BB41400-BS1)	LCS										Prepared & Analyzed: 02/22/2024	
Mercury	0.00185	0.000200	mg/L	0.00200		92.6	80-120					
LCS (BB41400-BS2)	LCS										Prepared & Analyzed: 02/22/2024	
Mercury	0.00180	0.000200	mg/L	0.00200		89.8	80-120					
Leach Fluid Blank (BB41400-¹)	Leach Fluid Blank										Prepared & Analyzed: 02/22/2024	
Mercury	ND	0.000200	mg/L									
Batch BB41621 - EPA 7473 soil												
Blank (BB41621-BLK1)	Blank										Prepared & Analyzed: 02/26/2024	
Mercury	ND	0.0300	mg/kg wet									
Duplicate (BB41621-DUP1)	Duplicate	*Source sample: 24B1004-01 (Duplicate)										Prepared & Analyzed: 02/26/2024
Mercury	0.599	0.0359	mg/kg dry		0.0411				174	35	Non-dir.	
Matrix Spike (BB41621-MS1)	Matrix Spike	*Source sample: 24B1004-01 (Matrix Spike)										Prepared & Analyzed: 02/26/2024
Mercury	0.0166		mg/kg	0.500	0.0343	NR	75-125	Low Bias				
Reference (BB41621-SRM1)	Reference										Prepared & Analyzed: 02/26/2024	
Mercury	22.979		mg/kg	18.2		126	59.9-140.1					



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			
Batch BB41622 - EPA 7473 soil												
Blank (BB41622-BLK1)	Blank									Prepared & Analyzed: 02/26/2024		
Mercury	ND	0.0300	mg/kg wet									
Duplicate (BB41622-DUP1)	Duplicate	*Source sample: 24B1014-03 (CMS_WC_Fill1)						Prepared & Analyzed: 02/26/2024				
Mercury	ND	0.0362	mg/kg dry		ND							35
Matrix Spike (BB41622-MS1)	Matrix Spike	*Source sample: 24B1014-03 (CMS_WC_Fill1)						Prepared & Analyzed: 02/26/2024				
Mercury	0.490		mg/kg	0.500	0.0208	93.9	75-125					
Reference (BB41622-SRM1)	Reference	Prepared & Analyzed: 02/26/2024										
Mercury	24.706		mg/kg	18.2		136	59.9-140.1					



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BB41261 - Analysis Preparation												
Duplicate (BB41261-DUP1)	Duplicate	*Source sample: 24B0994-23 (Duplicate)					Prepared & Analyzed: 02/20/2024					
pH	7.81	0.500	pH units		7.99				2.28	10		
Batch BB41292 - Analysis Preparation												
Blank (BB41292-BLK1)	Blank						Prepared & Analyzed: 02/21/2024					
Conductivity	ND	1.000	umhos/cm									
LCS (BB41292-BS1)	LCS						Prepared & Analyzed: 02/21/2024					
Conductivity	102.6		umhos/cm	100		103	90-110					
Duplicate (BB41292-DUP1)	Duplicate	*Source sample: 24B1075-06 (Duplicate)					Prepared & Analyzed: 02/21/2024					
Conductivity	3.793	1.000	umhos/cm		3.796				0.0791	5		
Batch BB41391 - EPA SW846-3060												
Blank (BB41391-BLK1)	Blank						Prepared & Analyzed: 02/22/2024					
Chromium, Hexavalent	ND	0.500	mg/kg wet									
Duplicate (BB41391-DUP1)	Duplicate	*Source sample: 24B1005-02 (Duplicate)					Prepared & Analyzed: 02/22/2024					
Chromium, Hexavalent	ND	0.530	mg/kg dry		ND					35		
Matrix Spike (BB41391-MS1)	Matrix Spike	*Source sample: 24B1005-02 (Matrix Spike)					Prepared & Analyzed: 02/22/2024					
Chromium, Hexavalent	17.6	0.530	mg/kg dry	21.2	ND	83.2	75-125					
Matrix Spike Dup (BB41391-MS1-DUP)	Matrix Spike Dup	*Source sample: 24B1005-02 (Matrix Spike Dup)					Prepared & Analyzed: 02/22/2024					
Chromium, Hexavalent	18.5	0.530	mg/kg dry	21.2	ND	87.2	75-125		4.69	200		



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41391 - EPA SW846-3060											
Reference (BB41391-SRM1)	Reference								Prepared & Analyzed: 02/22/2024		
Chromium, Hexavalent	116		mg/L	126		92.4	33.1-203.9				
Batch BB41433 - Analysis Preparation											
Duplicate (BB41433-DUP1)	Duplicate								Prepared & Analyzed: 02/22/2024		
pH	5.05	0.500	pH units		5.15				1.96	10	
Batch BB41466 - EPA SW846-3060											
Blank (BB41466-BLK1)	Blank								Prepared & Analyzed: 02/22/2024		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB41466-DUP1)	Duplicate								Prepared & Analyzed: 02/22/2024		
Chromium, Hexavalent	ND	0.577	mg/kg dry		ND					35	
Matrix Spike (BB41466-MS1)	Matrix Spike								Prepared & Analyzed: 02/22/2024		
Chromium, Hexavalent	6.28	0.577	mg/kg dry	23.1	ND	27.2	75-125	Low Bias			
Matrix Spike Dup (BB41466-MS1)	Matrix Spike Dup								Prepared & Analyzed: 02/22/2024		
Chromium, Hexavalent	5.13	0.577	mg/kg dry	23.1	ND	22.2	75-125	Low Bias	20.2	200	
Reference (BB41466-SRM1)	Reference								Prepared & Analyzed: 02/22/2024		
Chromium, Hexavalent	144		mg/L	126		114	33.1-203.9				
Batch BB41551 - Analysis Preparation											
Blank (BB41551-BLK1)	Blank								Prepared & Analyzed: 02/23/2024		
Reactivity - Cyanide	ND	0.250	mg/kg								



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag	
Batch BB41552 - Analysis Preparation												
Blank (BB41552-BLK1)	Blank								Prepared & Analyzed: 02/23/2024			
Reactivity - Sulfide	ND	15.0	mg/kg									
Duplicate (BB41552-DUP1)	Duplicate	*Source sample: 24B1116-10 (Duplicate)								Prepared & Analyzed: 02/23/2024		
Reactivity - Sulfide	72.0	15.0	mg/kg		56.0				25.0	50		



Miscellaneous Physical Parameters - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB41485 - % Solids Prep

Duplicate (BB41485-DUP1)	Duplicate	*Source sample: 24B1006-03 (Duplicate)						Prepared & Analyzed: 02/23/2024			
% Solids	88.3	0.100	%		88.3				0.0203	20	



Leachate Preparations - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB41238 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BB41238-BLK1)	TCLP LEACH BLANK										Prepared: 02/20/2024 Analyzed: 02/21/2024
TCLP Extraction	Completed	1.00	N/A								
Batch BB41239 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BB41239-BLK1)	TCLP LEACH BLANK										Prepared: 02/20/2024 Analyzed: 02/21/2024
TCLP Extraction	Completed	1.00	N/A								
Batch BB41240 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BB41240-BLK1)	TCLP LEACH BLANK										Prepared: 02/20/2024 Analyzed: 02/21/2024
TCLP Extraction	Completed	1.00	N/A								
Batch BC41538 - EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb											
Blank (BC41538-BLK1)	SPLP LEACH BLANK										Prepared: 03/21/2024 Analyzed: 03/22/2024
SPLP Extraction	Completed	1.00	N/A								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24B1014-01	CMS_WC_Topsoil	40mL Vial with Stir Bar-Cool 4° C
24B1014-01	CMS_WC_Topsoil	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
24B1014-02	CMS_WC_Subbase	40mL Vial with Stir Bar-Cool 4° C
24B1014-02	CMS_WC_Subbase	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
24B1014-03	CMS_WC_Fill1	40mL Vial with Stir Bar-Cool 4° C
24B1014-03	CMS_WC_Fill1	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
24B1014-03	CMS_WC_Fill1	1000mL WM Clear Glass Cool to 4° C
24B1014-04	CMS_WC_Fill2	40mL Vial with Stir Bar-Cool 4° C
24B1014-04	CMS_WC_Fill2	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
24B1014-05	CMS_WC_Fill3	40mL Vial with Stir Bar-Cool 4° C
24B1014-05	CMS_WC_Fill3	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C





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.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
EXT-COMP	Completed
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
HT-04	NON-COMPLIANT- Client requested analysis be conducted outside of holding times.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
IGN-01	Non-Ignit.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
PF-01	No Free Liquid
QL-02	This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

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.

Revision Description: modified the version to include DDD



York Analytical Laboratories, Inc.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418

clientservices@yorklab.com

www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.

24B1014

Page 1 of 1

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Langan CT		Company: Same		Company: Same		140265101		RUSH - Next Day	
Address: 555 Long Wharf Dr New Haven CT 06511		Address:		Address:		YOUR Project Name		RUSH - Two Day	
Phone: 860-930-3689		Phone:		Phone:		Central Middle School		RUSH - Three Day	
Contact: Elyssa Schwendy		Contact:		Contact:		YOUR PO#:		RUSH - Four Day	
E-mail: eschwendy@langan.com		E-mail:		E-mail:				Standard (5-7 Day) <input checked="" type="checkbox"/>	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Elyssa Schwendy

Samples Collected by: (print your name above and sign below)

Elyssa S Schwendy

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	<input checked="" type="checkbox"/> Summary Report	CT RCP	<input checked="" type="checkbox"/> Standard Excel EDD	Compared to the following Regulation(s): (please fill in) PMC DEC
GW - groundwater	New Jersey	<input type="checkbox"/> QA Report	CT RCP DQA/DUE	EquiS (Standard)	
DW - drinking water	Connecticut	<input checked="" type="checkbox"/>	NY ASP A Package	NYSDEC EquiS	
WW - wastewater	Pennsylvania	<input type="checkbox"/>	NY ASP B Package	NJDEP Reduced Deliverables	
O - Oil ; Other	Other	<input type="checkbox"/>		NJDEP SRP HazSite	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
CMS-WC-Topsoil	S	19 Feb 24 1130	All samples: VOCs, TPH-DRB and GRO, SVOCs, pest, herb, PCBs, RCRA-8 metals, antimony, copper, beryllium, chromium iii and vi, nickel, thallium, vanadium, zinc, conductivity, ignitability, pH, paint filter, reactivity (cyanide +sulfide)	
CMS-WC-Subbase	↓	1115		
CMS-WC-Fill1	↓	1120		
CMS-WC-Fill2	↓	1145		
CMS-WC-Fill3	↓	1200		
			CMS-WC-Fill1: above plus full TCLP	

Comments: RLs must meet CTDEEP RSRs please cc hgriesbach@langan.com	HOLD for additional analysis	Preservation: (check all that apply)			Special Instruction
		HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___	Ascorbic Acid ___	Other: _____	Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	
Langan	19 Feb 24 @ 13:25							
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temp. Received at Lab
						K 2	2/19/24 13:25	2.3

Page 125 of 125

Degrees C