

Technical Report

prepared for:

Sullivan County Labs

86 Queen Mountain Road

Ferndale NY, 12734

Attention: Jerry Berger

Report Date: 04/13/2023

Client Project ID: X51060-05/30033

York Project (SDG) No.: 23D0338

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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ClientServices@yorklab.com

Report Date: 04/13/2023
Client Project ID: X51060-05/30033
York Project (SDG) No.: 23D0338

Sullivan County Labs
86 Queen Mountain Road
Ferndale NY, 12734
Attention: Jerry Berger

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 April 06, 2023 and listed below. The project was identified as your project: **X51060-05/30033**.

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>
23D0338-01	S000153395	Drinking Water	04/06/2023	04/06/2023
23D0338-02	S000153397	Drinking Water	04/06/2023	04/06/2023
23D0338-03	S000153405	Drinking Water	04/06/2023	04/06/2023
23D0338-04	S000153406	Drinking Water	04/06/2023	04/06/2023
23D0338-05	S000153407	Drinking Water	04/06/2023	04/06/2023
23D0338-06	S000153418	Drinking Water	04/06/2023	04/06/2023
23D0338-07	S000153421	Drinking Water	04/06/2023	04/06/2023
23D0338-08	S000153422	Drinking Water	04/06/2023	04/06/2023
23D0338-09	S000153429	Drinking Water	04/06/2023	04/06/2023
23D0338-10	S000153433	Drinking Water	04/06/2023	04/06/2023
23D0338-11	S000153435	Drinking Water	04/06/2023	04/06/2023
23D0338-12	S000153441	Drinking Water	04/06/2023	04/06/2023
23D0338-13	S000153444	Drinking Water	04/06/2023	04/06/2023
23D0338-14	S000153446	Drinking Water	04/06/2023	04/06/2023
23D0338-15	S000153447	Drinking Water	04/06/2023	04/06/2023
23D0338-16	S000153451	Drinking Water	04/06/2023	04/06/2023
23D0338-17	S000153452	Drinking Water	04/06/2023	04/06/2023
23D0338-18	S000153455	Drinking Water	04/06/2023	04/06/2023
23D0338-19	S000153457	Drinking Water	04/06/2023	04/06/2023
23D0338-20	S000153463	Drinking Water	04/06/2023	04/06/2023
23D0338-21	S000153465	Drinking Water	04/06/2023	04/06/2023
23D0338-22	S000153469	Drinking Water	04/06/2023	04/06/2023

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23D0338-23	S000153470	Drinking Water	04/06/2023	04/06/2023
23D0338-24	S000153471	Drinking Water	04/06/2023	04/06/2023
23D0338-25	S000153474	Drinking Water	04/06/2023	04/06/2023
23D0338-26	S000153480	Drinking Water	04/06/2023	04/06/2023
23D0338-27	S000153482	Drinking Water	04/06/2023	04/06/2023
23D0338-28	S000153483	Drinking Water	04/06/2023	04/06/2023
23D0338-29	S000153484	Drinking Water	04/06/2023	04/06/2023

General Notes for York Project (SDG) No.: 23D0338

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: 

Date: 04/13/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: S000153395

York Sample ID: 23D0338-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	3.42		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:19	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153397

York Sample ID: 23D0338-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	2.10		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:21	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153405

York Sample ID: 23D0338-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	1.77		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:25	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153406

York Sample ID: 23D0338-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023



Sample Information

Client Sample ID: S000153406

York Sample ID: 23D0338-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	3.37		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:39	04/12/2023 12:26	AJL

Sample Information

Client Sample ID: S000153407

York Sample ID: 23D0338-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	3.67		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:39	04/12/2023 12:27	AJL

Sample Information

Client Sample ID: S000153418

York Sample ID: 23D0338-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	3.36		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:39	04/12/2023 12:29	AJL

Sample Information

Client Sample ID: S000153421

York Sample ID: 23D0338-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:



Sample Information

Client Sample ID: S000153421

York Sample ID: 23D0338-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23D0338	X51060-05/30033	Drinking Water	April 6, 2023 6:05 am	04/06/2023

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	2.27		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:30	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153422

York Sample ID: 23D0338-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23D0338	X51060-05/30033	Drinking Water	April 6, 2023 6:05 am	04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:31	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153429

York Sample ID: 23D0338-09

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23D0338	X51060-05/30033	Drinking Water	April 6, 2023 6:05 am	04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	1.67		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:33	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153433

York Sample ID: 23D0338-10

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23D0338	X51060-05/30033	Drinking Water	April 6, 2023 6:05 am	04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

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: S000153433

York Sample ID: 23D0338-10

York Project (SDG) No.

23D0338

Client Project ID

X51060-05/30033

Matrix

Drinking Water

Collection Date/Time

April 6, 2023 6:05 am

Date Received

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDER,PADEP	04/12/2023 09:39	04/12/2023 12:34	AJL

Sample Information

Client Sample ID: S000153435

York Sample ID: 23D0338-11

York Project (SDG) No.

23D0338

Client Project ID

X51060-05/30033

Matrix

Drinking Water

Collection Date/Time

April 6, 2023 6:05 am

Date Received

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDER,PADEP	04/12/2023 09:39	04/12/2023 12:35	AJL

Sample Information

Client Sample ID: S000153441

York Sample ID: 23D0338-12

York Project (SDG) No.

23D0338

Client Project ID

X51060-05/30033

Matrix

Drinking Water

Collection Date/Time

April 6, 2023 6:05 am

Date Received

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDER,PADEP	04/12/2023 09:39	04/12/2023 12:37	AJL

Sample Information

Client Sample ID: S000153444

York Sample ID: 23D0338-13

York Project (SDG) No.

23D0338

Client Project ID

X51060-05/30033

Matrix

Drinking Water

Collection Date/Time

April 6, 2023 8:05 am

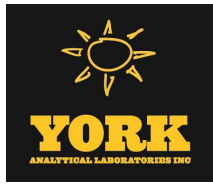
Date Received

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:



Sample Information

Client Sample ID: S000153444

York Sample ID: 23D0338-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 8:05 am

04/06/2023

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	1.03		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:41	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153446

York Sample ID: 23D0338-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes:

PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	1.11		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:42	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153447

York Sample ID: 23D0338-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes:

PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	8.17		ug/L	1.00	1	EPA 200.8	04/12/2023 09:39	04/12/2023 12:44	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: S000153451

York Sample ID: 23D0338-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes:

PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

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: S000153451

York Sample ID: 23D0338-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 12:50	AJL

Sample Information

Client Sample ID: S000153452

York Sample ID: 23D0338-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	4.44		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 12:53	AJL

Sample Information

Client Sample ID: S000153455

York Sample ID: 23D0338-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	3.77		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 12:57	AJL

Sample Information

Client Sample ID: S000153457

York Sample ID: 23D0338-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:



Sample Information

Client Sample ID: S000153457

York Sample ID: 23D0338-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 12:58	AJL

Sample Information

Client Sample ID: S000153463

York Sample ID: 23D0338-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes:

PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	1.31		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:00	AJL

Sample Information

Client Sample ID: S000153465

York Sample ID: 23D0338-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes:

PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:01	AJL

Sample Information

Client Sample ID: S000153469

York Sample ID: 23D0338-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes:

PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

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: S000153469

York Sample ID: 23D0338-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	2.38		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:02	AJL

Sample Information

Client Sample ID: S000153470

York Sample ID: 23D0338-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	4.99		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:03	AJL

Sample Information

Client Sample ID: S000153471

York Sample ID: 23D0338-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	4.82		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:05	AJL

Sample Information

Client Sample ID: S000153474

York Sample ID: 23D0338-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23D0338

X51060-05/30033

Drinking Water

April 6, 2023 6:05 am

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:



Sample Information

Client Sample ID: S000153474

York Sample ID: 23D0338-25

<u>York Project (SDG) No.</u> 23D0338	<u>Client Project ID</u> X51060-05/30033	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 6, 2023 6:05 am	<u>Date Received</u> 04/06/2023
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Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	6.75		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:06	AJL

Sample Information

Client Sample ID: S000153480

York Sample ID: 23D0338-26

<u>York Project (SDG) No.</u> 23D0338	<u>Client Project ID</u> X51060-05/30033	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 6, 2023 6:05 am	<u>Date Received</u> 04/06/2023
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Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:07	AJL

Sample Information

Client Sample ID: S000153482

York Sample ID: 23D0338-27

<u>York Project (SDG) No.</u> 23D0338	<u>Client Project ID</u> X51060-05/30033	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 6, 2023 6:05 am	<u>Date Received</u> 04/06/2023
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Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	24.1	M-PbE X	ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:09	AJL

Sample Information

Client Sample ID: S000153483

York Sample ID: 23D0338-28

<u>York Project (SDG) No.</u> 23D0338	<u>Client Project ID</u> X51060-05/30033	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> April 6, 2023 6:05 am	<u>Date Received</u> 04/06/2023
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Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

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: S000153483

York Sample ID: 23D0338-28

York Project (SDG) No.

23D0338

Client Project ID

X51060-05/30033

Matrix

Drinking Water

Collection Date/Time

April 6, 2023 6:05 am

Date Received

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:13	AJL

Sample Information

Client Sample ID: S000153484

York Sample ID: 23D0338-29

York Project (SDG) No.

23D0338

Client Project ID

X51060-05/30033

Matrix

Drinking Water

Collection Date/Time

April 6, 2023 6:05 am

Date Received

04/06/2023

Lead by EPA 200.8

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	2.94		ug/L	1.00	1	EPA 200.8 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	04/12/2023 09:46	04/12/2023 13:14	AJL





Sample and Data Qualifiers Relating to This Work Order

PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
M-PbEX	Lead result exceeds regulatory limit

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 current NELAC/TNI 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.

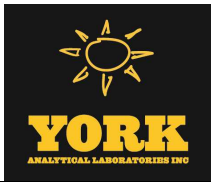
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.



Relinquished by/Company: (Signature) Date/Time: 4/6/23 3:00 PM Received by/Company: (Signature) Date/Time: 4/6/23 1500 Acctnum: Trip Blank Received: Y N NA HCL MeOH TSP Other Template: Prelogin: PM: PB: Non Conformance(s): YES / NO Page: 1 of: 1

2300338

ALL SHADED AREAS are for LAB USE ONLY

CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

YORK ANALYTICAL LABORATORIES INC

Company: AG ENVIRONMENTAL, RSC, LLC. Sullivan County Labs Address: 86 Queen Mountain Road, Ferndale Report To: Billing Information: Email To: results@sullivancountylabs.com

Copy To: Site Collection Info/Address: 115 Brickman Road State: New York County/City: Sullivan Time Zone Collected: JET JCT JET

Customer Project Name/Number: X51060-05 / 30033 Phone: 845.704.8151 Email: info@sullivancountylabs.com Site/Facility ID #: Compliance Monitoring? [] Yes [] No DW PWS ID #: DW Location Code: Immediately Packed on Ice: [] Yes [] No

Collected By (print): Purchase Order #: Quote #: Turnaround Date Required: Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day [] Expedite Charges Apply Analysis: Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Compl/Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
5000153395	DW	G	04/06	06:05am				
5000153397	DW	G	04/06	06:05am				
5000153405	DW	G	04/06	06:05am				
5000153406	DW	G	04/06	06:05am				
5000153407	DW	G	04/06	06:05am				
5000153418	DW	G	04/06	06:05am				
5000153421	DW	G	04/06	06:05am				
5000153422	DW	G	04/06	06:05am				
5000153429	DW	G	04/06	06:05am				
5000153433	DW	G	04/06	06:05am				

Analyses	Container Preservative Type **										Lab Project Manager:
	U	U	U	U	U	U	U	U	U	U	
Lead [First Draw] by EPA 200.7/200.8 method	X										
Lead [First Draw] by EPA 200.7/200.8 method		X									
Lead [First Draw] by EPA 200.7/200.8 method			X								
Lead [First Draw] by EPA 200.7/200.8 method				X							
Lead [First Draw] by EPA 200.7/200.8 method					X						
Lead [First Draw] by EPA 200.7/200.8 method						X					
Lead [First Draw] by EPA 200.7/200.8 method							X				
Lead [First Draw] by EPA 200.7/200.8 method								X			
Lead [First Draw] by EPA 200.7/200.8 method									X		
Lead [First Draw] by EPA 200.7/200.8 method										X	
Lead [First Draw] by EPA 200.7/200.8 method											X

Lab Profile / Line:	
Lab Sample Receipt Checklist:	
Custody Seals Present/Intact	Y
Custody Signatures Present	Y
Collector Signatures Present	Y
Bottles Intact	Y
Correct Bottles	Y
Sufficient Volume	Y
Samples Received on Ice	Y
VOA - Heaspace Acceptable	Y
USDA Regulated Solids	Y
Samples in Holding Time	Y
Residual Chlorine Present	Y
CL Strips:	Y
Sample pH Acceptable	Y
pH Strips:	Y
Sulfide Present	Y
Lead Acetate Strips:	Y
LAB USE ONLY:	
Lab Sample # / Comments:	
211 girls bathroom sink right	
kitchen 3 bay right sink	
Faculty room bath sink at vending machines	
318 boys bathroom sink right	
all gender bathroom sink (across from records room)	
faculty room gender neutral bath sink	
room 418 girls bathroom sink left	
kitchen center island sink	
room 416 boys bath sink center	
girls bathroom sink left	

[illegible]

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Customer Remarks / Special Conditions / Possible Hazards:		Type of Ice Used:		Wet	Blue	Dry	None	SHORT HOLDS PRESENT (<72 hours):		Y	N	N/A	2300338	
<ul style="list-style-type: none"> • LCR Rule - First-Draw Lead • LCR Rule - First-Draw Lead • LCR Rule - First-Draw Lead • LCR Rule - First-Draw Lead • LCR Rule - First-Draw Lead • LCR Rule - First-Draw Lead • LCR Rule - First-Draw Lead 		Packing Material Used:						Lab Tracking #:		LAB Sample Temperature Info: Temp Blank Received: Y N NA Therm ID #: _____ Cooler 1 Temp Upon Receipt: ____oC Cooler 1 Therm Corr. Factor: ____oC Cooler 2 Corrected Temp: ____oC Comments: Code: 869.40				
Radchem samples(s) screened (<500 cpm):		Y	N	NA	Samples received via:		FEDEX		UPS	Client	Courier	Other	18.7	
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		MTJL LAB USE ONLY						
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		Table #:						
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		Date/Time:		Actnum:						
								Template:						
								PM:						
								PB:						
										Trip Blank Received: Y N NA HCL MeOH TSP Other Non Conformance(s): YES / NO Page: 1 of 1				