March 4, 2021

Mr. Michael Shore
Director of Facilities III
Mahopac Central School District
179 East Lake Boulevard
Mahopac, NY 10541

Subject: **Lead Testing of School Drinking Water at Mahopac Falls Academy**
Project Number: 31402629.013

Dear Mr. Shore:

At your request on behalf of the Mahopac Central School District (CSD), WSP USA Inc. (WSP) has conducted a testing program for lead in water. WSP's team of industrial hygienists performed water sampling on October 7, 2020 and Post Remediation Sampling on December 2, 2020 and January 15, 2021. In addition to this final report, WSP has provided the following New York State Department of Health (NYS DOH) required documentation; Laboratory Results, Exceedance Table, a draft Parents Notification Letter and notification to the local department of health of exceedances, when applicable. When requested by the district, WSP completed required reporting into the NYS Health Electronic Response Data System (HERDS). However, Mahopac Central School District (CSD) retained the Reporter role and completed the HERDS reporting.

BACKGROUND

On September 6, 2016, the Governor signed legislation requiring all school districts in NYS to test potable water systems for lead contamination and to take responsive actions. To implement this new law, the DOH issued emergency regulations, titled Lead Testing in School Drinking Water. On May 9, 2018, the Lead Testing in School Drinking Water final regulation was published in the State Register, replacing the emergency regulation:

- By September 30, 2016, all school buildings serving children in pre-K through grade 5 were required collect a sample from each outlet for testing.
- By October 31, 2016, all school buildings serving children in grades 6 through 12 must collect a sample from each outlet for testing.
- Schools must complete initial first-draw sampling for Compliance Year 2020 between January 1, 2020 – December 31, 2020, and every 5 years thereafter or at an earlier time as determined by the Commissioner of Health. On October 13, 2020, NYS DOH provided an Extension of School Lead Testing Requirements to June 30, 2021.

KEY DEFINITIONS IN THE LAW/REGULATIONS

- Outlet means a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, hose bib, sinks or faucets.
- "Applicable" outlets: Outlets that should be sampled may be located anywhere on school property including external outlets (hose bibs) if the outlet may be used for drinking or cooking (including food preparation). Superintendents or their designees have the responsibility to identify which outlets on a school property meet the regulation requirements for sampling ("applicable outlets"). If a Superintendent or their designee determines that they have outlets that fall outside of the scope of

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the regulation (outlets not used or potentially used for drinking or cooking), the school must remediate or/and have a remedial action plan that includes details on how those outlets will not be accessed and/or utilized for drinking or cooking purposes ("non-applicable outlets").

- "Non-applicable" outlets: The Rule of Thumb is that generally, any outlet in a room or office within a school that is not used by students (pre-kindergarten through grade 12) and does not provide water for drinking or cooking does not require sampling.
- Action level means 15 parts per billion (ppb). Lead test results greater than 15 ppb exceeds the lead action level and requires the outlet to be taken out of service and a remediation action plan be implemented.
- For additional guidance regarding applicable vs. non-applicable outlets, and other requirements please see the Appendices for NYS DOH Lead Testing in School Drinking Water 2020 Compliance Requirements, and NYS DOH Frequently Asked Questions (FAQs).

SAMPLING METHODOLOGY

1 The NYS DOH Emergency Regulation, Section 67-4.3 – Monitoring states:

- First-draw samples shall be collected from all "applicable" outlets. A first-draw sample volume shall be 250 milliliters (mL), collected from a cold-water outlet before any water is used. The water shall be motionless in the pipes for a minimum of 8 hours, but no more than 18 hours, before sample collection. Note: The NYS DOH requires that for outlets which do not have regular use and water remains motionless in the pipes for greater than 18 hours, the outlets were to be sampled as well (to represent "normal use patterns").
- All first-draw samples shall be analyzed by a laboratory approved to perform such analyses by the Department's Environmental Laboratory Approval Program (ELAP).

Although not required by the NYS DOH Emergency Regulation, WSP also followed additional methodologies included in Environmental Protection Agency (EPA) document entitled "3Ts for Reducing Lead in Drinking Water in Schools".

2 Sampling Plan

- In developing a sampling plan before sample collection took place at the School, WSP determined the location of the water service line. Sampling at the School started from a location closest to the service line entrance and proceeded outwards from that point.
- A map, depicting the location of the service line entrance, and arrows indicating the direction of sampling was provided to and used by the sampling team. The sampling team verified the location of the service line entrance prior to sampling.

3 Laboratory Analysis : Samples were submitted to York Analytical (Stratford, CT) and/or EMSL (Cinnaminson, NJ) for analysis under chain-of-custody. The laboratories are certified through the NYS DOH Environmental Laboratory Approval Program (ELAP) and are approved for analysis of lead in potable water.

4 Re-sampling can be performed provided corrective action or remediation options, as reviewed in the Recommendation section, are complete. Proper flushing of new equipment (e.g. pipes, faucets etc.) is recommended.

5 Flushing Program and Resampling: when routine flushing programs are implemented, the school plumbing system should be flushed according to an establish protocol. After flushing and before sampling or resampling, a period of 3-4 days of normal use is recommended. First-draw lead water sampling can be performed after the required hold time of 8-18 hours is completed.

6 In accordance with the NYS DOH, the following post-remediation testing requirements apply:

- Follow-up samples collected after an outlet has been remediated must also be "first-draw" samples. Schools may choose to perform additional sampling (i.e., 30-second flush, etc.) to determine the contribution of lead from plumbing to guide remediation decisions.
- Only those outlets that exceed the action level need to be resampled (following remediation).
- All remediated outlets will likely require flushing before being placed back into service.
- Post-remediation tests results need to be reported in the Department's HERDS application on HCS, and on the school website within the same reporting timeframes/requirements as specified for the initial sampling.

RESULTS DISCUSSION

The Assessment Results Exceedance Table provides details on the date of sampling, sample identification, location and laboratory results that exceeded 15 ppb. A copy of the full laboratory results and the chain of custody are presented at the end of this report in Appendix A. Laboratory approvals can be found in Appendix B.

— Of the **46** samples collected at Mahopac Falls Academy, **23 (50.0%)** had lead concentrations that exceeded 15 ppb. The table below details the sample locations and the laboratory results.

Mahopac Falls Academy				
Sample Date	**Sample ID**	**Floor**	**Location**	**Lead Level (ppb)**
10/7/2020	01-Gymboys-BF-P-01	1st	Bathroom sink 01 (Gym)	30.2
10/7/2020	01-Gymgirls-BF-P-02	1st	Bathroom sink 02 (Girls)	49.8
10/7/2020	01-ladies-BF-P-04	1st	Bathroom sink 04 (Exit C, Right)	20.5
10/7/2020	01-men-BF-P-05	1st	Bathroom sink 05 (Exit C, Left)	34.2
10/7/2020	01-nurse-CF-P-01	1st	Nurse, Class sink 01	25.9
10/7/2020	01-9-CF-P-03	1st	Class sink 03, Room 9	22
10/7/2020	01-10-CF-P-04	1st	Class sink 04, Room 10	26.5
10/7/2020	01-11-CF-P-05	1st	Class sink 05, Room 11	23.7
10/7/2020	01-12-CF-P-06	1st	Class sink 06, Room 12	22.7
10/7/2020	01-13-CF-P-07	1st	Class sink 07, Room 13	25
10/7/2020	01-15-CF-P-08	1st	Class sink 08, Room 15	75.7
10/7/2020	01-16-CF-P-09	1st	Class sink 09, Room 16	21.2
10/7/2020	01-19-CF-P-10	1st	Class sink 10, Room 19	22.8
10/7/2020	01-20-CF-P-11	1st	Class sink 11, Room 20	31.3
10/7/2020	01-20-BF-P-07	1st	Bathroom sink 07, Room 20	15.3
10/7/2020	01-21-CF-P-12	1st	Class sink 12, Room 21	37.4
10/7/2020	01-mens-BF-P-09	1st	Bathroom sink 09 (By entrance, Right)	15.6
10/7/2020	01-3-BF-P-13	1st	Bathroom sink 13, Room 3	29.1
10/7/2020	01-2-CF-P-13	1st	Class sink 13, Behind storage room 2	43
10/7/2020	01-27-CF-P-16	1st	Class sink 16, Room 27	15.8
10/7/2020	01-30-CF-P-18	1st	Class sink 18, Room 30 (Left)	20.8
10/7/2020	01-34-CF-P-25	1st	Class sink 25, Room 34	43.6
10/7/2020	01-39-CF-P-30	1st	Class sink 30, Room 39	18.4

Upon receipt of the results, WSP made the following recommendations to the district as required by Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York:

— Review the Exceedance Table, Laboratory Results and Notification Letter, indicating lead water sample results exceeding the NYSDOH Action Level of 15 ppb, and require the outlet to be taken out of service and a remediation action plan be implemented.

Please see Lead Testing in School Drinking Water, 10 NYCRR Subpart 67-4, adopted May 9, 2018 for applicable requirements (https://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm)

POST-REMEDIATION TESTING RESULTS

The district performed remediation actions which included implementing a systematic flushing program for the outlets which exceeded the Action Level of 15 ppb and installing tempered faucets. Post-remediation testing was performed on December 2, 2020.

- Of the **23** samples collected on December 2, 2020 at Mahopac Falls Academy, **14 (60.9%)** had lead concentrations that exceeded 15 ppb. The water samples were collected several days after a building water system flush was performed. The table below details the sample locations, laboratory results and the previous results for reference.

Mahopac Falls Academy– 1st Round Post Remediation Sampling					
Sample Date	**Sample ID**	**Floor**	**Location**	**Lead Level (ppb)**	**Initial Lead Level (ppb) 10/07/2020**
12/2/2020	01-Gymboys-BF-SSP-01	1	Bathroom sink 01 (Gym)	22.2	30.2
12/2/2020	01-Gymgirls-BF-SSP-02	1	Bathroom sink 02 (Girls)	36.7	49.8
12/2/2020	01-men-BF-SSP-05	1	Bathroom sink 04 (Exit C, Left)	15.2	34.2
12/2/2020	01-nurse-CF-SSP-01	1	Nurse, Class sink 01	62.1	25.9
12/2/2020	01-10-CF-SSP-04	1	Class sink 04, Room 10	43.2	26.5
12/2/2020	01-13-CF-SSP-07	1	Class sink 07, Room 13	64.7	25
12/2/2020	01-15-CF-SSP-08	1	Class sink 08, Room 15	44.4	75.7
12/2/2020	01-16-CF-SSP-09	1	Class sink 09, Room 16	18.1	21.2
12/2/2020	01-19-CF-SSP-10	1	Class sink 10, Room 19	28.5	22.8
12/2/2020	01-20-CF-SSP-11	1	Class sink 11, Room 20	43.9	31.3
12/2/2020	01-21-CF-SSP-12	1	Class sink 12, Room 21	22.1	37.4
12/2/2020	01-3-BF-SSP-13	1	Bathroom sink 13, Room 3	33.8	29.1
12/2/2020	01-2-CF-SSP-13	1	Bathroom sink 13, Behind storage room 2	33.7	43
12/2/2020	01-34-CF-SSP-25	1	Class sink 25, Room 34	29.8	43.6

- Based on these results, WSP returned and performed a second round of post-remediation sampling on January 15, 2021 several days after remediation actions were performed which consisted of the implementation of a system wide flushing protocol and individual outlet flush. Of the **14** samples collected at Mahopac Falls Academy, **12 (85.7%)** had lead concentrations that exceeded 15 ppb. Mahopac Central School District (CSD) has elected to change these exceeded outlets to tempered faucets which would deem them non-applicable. The table below details the sample locations, laboratory results and the previous results for reference.

Mahopac Falls Academy– 2nd Round Post Remediation Sampling						
Sample Date	**Sample ID**	**Floor**	**Location**	**Lead Level (ppb)**	**Lead Level (ppb) 12/02/2020**	**Initial Lead Level (ppb) 10/07/2020**
1/15/21	01-Gymboys-BF-SSP-01	1	Bathroom sink 01 (Gym)	64.9	22.2	30.2
1/15/21	01-Gymgirls-BF-SSP-02	1	Bathroom sink 02 (Girls)	55.5	36.7	49.8

Mahopac Falls Academy– 2nd Round Post Remediation Sampling						
Sample Date	Sample ID	Floor	Location	Lead Level (ppb)	Lead Level (ppb) 12/02/2020	Initial Lead Level (ppb) 10/07/2020
1/15/21	01-men-BF-SSP-05	1	Bathroom sink 04 (Exit C, Left)	17.1	15.2	34.2
1/15/21	01-nurse-CF-SSP-01	1	Nurse, Class sink 01	18.3	62.1	25.9
1/15/21	01-10-CF-SSP-04	1	Class sink 04, Room 10	24.2	43.2	26.5
1/15/21	01-13-CF-SSP-07	1	Class sink 07, Room 13	21.2	64.7	25
1/15/21	01-15-CF-SSP-08	1	Class sink 08, Room 15	16.6	44.4	75.7
1/15/21	01-19-CF-SSP-10	1	Class sink 10, Room 19	27.3	28.5	22.8
1/15/21	01-20-CF-SSP-11	1	Class sink 11, Room 20	26.2	43.9	31.3
1/15/21	01-21-CF-SSP-12	1	Class sink 12, Room 21	23.1	22.1	37.4
1/15/21	01-2-CF-SSP-13	1	Bathroom sink 13, Behind storage room 2	21.6	33.7	43
1/15/21	01-34-CF-SSP-25	1	Class sink 25, Room 34	51.6	29.8	43.6

RECOMMENDATIONS

If lead concentrations exceeded 15 ppb, WSP offers the following recommendations to Mahopac Central School District (CSD) for remediation:

In accordance with Subpart 67-4, Section 67-4.4 Response, the following immediate Response Actions are necessary:

- Prohibit the use of the outlet immediately (take outlet out of service or turn off) until:
  1. A lead remedial action plan is implemented to mitigate the lead level at the outlet, and
  2. Post-remediation test results indicate that the lead levels are at or below the action level;
- Provide building occupants with an adequate supply of water for drinking and cooking until remediation is performed;
- Report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report **(Notification issued by WSP);**
- Notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report **(See Attached Draft Letter for issuance by District).**

If an outlet tested above the "action level", it can still be used for cleaning and handwashing. However, please note:

- Signage must be placed at such outlets stating that the water should not be used for drinking (only handwashing and cleaning).
- Pictures should be used if there are small children using the water outlets, and staff should ensure the children understand what the signs mean and monitor the outlets to ensure they are not used for drinking.

Corrective Actions / Remediation Options

- Permanent removal of an outlet
- Outlet replacement with "lead-free" plumbing materials
- Pipe replacement with "lead-free" plumbing materials
- Remove other sources of lead (lead pipe, lead solder joints, and brass plumbing components with "lead-free" materials)
- Flushing (systematic flushing program)
- Point of Use (POU) Filters*
- Supervision
- Engineering controls
- Education

- Signage. Signage used at outlets are considered to be a temporary measure and cannot be used as a permanent measure.

Non-applicable Outlets

- Tempered Outlets. These outlets should be clearly posted with signs ("Do Not Drink" or equivalent), provide awareness education to students and staff and implement appropriate remedial actions to prevent drinking from these outlets.
- Science/Art sinks: as noted by NYSDOL, typically these classroom settings prohibit eating and/or drinking. The school Superintendent has the authority to determine whether these outlets may be used for drinking or cooking or whether they require sampling. Management controls such as restricted/secured access (e.g. locked doors), signage, required supervision and other management controls are part of the overall safety and health program elements that should be in place.

LIMITATIONS, EXCEPTIONS AND ASSUMPTIONS

Opinions and recommendations presented in this report apply to site conditions and features as they existed at the time of WSP's site visits, and those reasonably foreseeable. They cannot necessarily apply to conditions and features of which WSP is unaware and has not had the opportunity to evaluate. The conclusions presented in this report are professional opinions based solely upon WSP's visual observations of accessible areas and sampling data. These conclusions are intended exclusively for the purpose state herein, at the sites indicated, and for the project indicated. No expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

If you have any questions concerning this information, please feel free to contact us at 212-612-7900. We look forward to working with you in the future.

Report Completed by:

Stephen Gruber

Stephen Gruber
Industrial Hygienist

Report Completed by:

Joseph Kapp

Joseph Kapp, CIH
Industrial Hygiene Manager

Appendix A – Laboratory Results & Chain of Custody
Appendix B - Laboratory ELAP Certifications
Appendix C - NYS DOH Lead Testing in School Drinking Water 2020 Compliance Requirements, and NYS DOH Frequently Asked Questions (FAQs)

CC : P. Saha, C. Napolitano

APPENDIX A

Laboratory Results & Chain of Custody

Technical Report

prepared for:

WSP USA Solutions Inc. (New York, NY)
96 Morton Street, 8th Floor
New York NY, 10011
Attention: Joseph Kapp

Report Date: 10/16/2020
Client Project ID: 31402629.013.02
York Project (SDG) No.: 20J0342

Report Date: 10/16/2020
Client Project ID: 31402629.013.02
York Project (SDG) No.: 20J0342

WSP USA Solutions Inc. (New York, NY)
96 Morton Street, 8th Floor
New York NY, 10011
Attention: Joseph Kapp

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 October 07, 2020 and listed below. The project was identified as your project: **31402629.013.02**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20J0342-01	01-Gymboys-BF-P-01	Drinking Water	10/07/2020	10/07/2020
20J0342-02	01-Gymgirls-BF-P-02	Drinking Water	10/07/2020	10/07/2020
20J0342-03	01-ladies-BF-P-03	Drinking Water	10/07/2020	10/07/2020
20J0342-04	01-ladies-BF-P-04	Drinking Water	10/07/2020	10/07/2020
20J0342-05	01-men-BF-P-05	Drinking Water	10/07/2020	10/07/2020
20J0342-06	01-men-BF-P-06	Drinking Water	10/07/2020	10/07/2020
20J0342-07	01-nurse-CF-P-01	Drinking Water	10/07/2020	10/07/2020
20J0342-08	01-8-CF-P-02	Drinking Water	10/07/2020	10/07/2020
20J0342-09	01-9-CF-P-03	Drinking Water	10/07/2020	10/07/2020
20J0342-10	01-10-CF-P-04	Drinking Water	10/07/2020	10/07/2020
20J0342-11	01-11-CF-P-05	Drinking Water	10/07/2020	10/07/2020
20J0342-12	01-12-CF-P-06	Drinking Water	10/07/2020	10/07/2020
20J0342-13	01-13-CF-P-07	Drinking Water	10/07/2020	10/07/2020
20J0342-14	01-Kitchen-KF-P-01	Drinking Water	10/07/2020	10/07/2020
20J0342-15	01-15-CF-P-08	Drinking Water	10/07/2020	10/07/2020
20J0342-16	01-16-CF-P-09	Drinking Water	10/07/2020	10/07/2020
20J0342-17	01-19-CF-P-10	Drinking Water	10/07/2020	10/07/2020
20J0342-18	01-20-CF-P-11	Drinking Water	10/07/2020	10/07/2020
20J0342-19	01-20-BF-P-07	Drinking Water	10/07/2020	10/07/2020
20J0342-20	01-21-CF-P-12	Drinking Water	10/07/2020	10/07/2020
20J0342-21	01-mens-BF-P-08	Drinking Water	10/07/2020	10/07/2020
20J0342-22	01-mens-BF-P-09	Drinking Water	10/07/2020	10/07/2020

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20J0342-23	01-ladies-BF-P-10	Drinking Water	10/07/2020	10/07/2020
20J0342-24	01-ladies-BF-P-11	Drinking Water	10/07/2020	10/07/2020
20J0342-25	01-1-BF-P-12	Drinking Water	10/07/2020	10/07/2020
20J0342-26	01-3-BF-P-13	Drinking Water	10/07/2020	10/07/2020
20J0342-27	01-2-CF-P-13	Drinking Water	10/07/2020	10/07/2020
20J0342-28	01-100-BF-P-14	Drinking Water	10/07/2020	10/07/2020
20J0342-29	01-100-BF-P-15	Drinking Water	10/07/2020	10/07/2020
20J0342-30	01-25-CF-P-14	Drinking Water	10/07/2020	10/07/2020
20J0342-31	01-20-CF-P-15	Drinking Water	10/07/2020	10/07/2020
20J0342-32	01-27-CF-P-16	Drinking Water	10/07/2020	10/07/2020
20J0342-33	01-28-CF-P-17	Drinking Water	10/07/2020	10/07/2020
20J0342-34	01-30-CF-P-18	Drinking Water	10/07/2020	10/07/2020
20J0342-35	01-30-CF-P-19	Drinking Water	10/07/2020	10/07/2020
20J0342-36	01-31-CF-P-20	Drinking Water	10/07/2020	10/07/2020
20J0342-37	01-31-CF-P-21	Drinking Water	10/07/2020	10/07/2020
20J0342-38	01-32-CF-P-22	Drinking Water	10/07/2020	10/07/2020
20J0342-39	01-32-CF-P-23	Drinking Water	10/07/2020	10/07/2020
20J0342-40	01-33-CF-P-24	Drinking Water	10/07/2020	10/07/2020
20J0342-41	01-34-CF-P-25	Drinking Water	10/07/2020	10/07/2020
20J0342-42	01-35-CF-P-26	Drinking Water	10/07/2020	10/07/2020
20J0342-43	01-36-CF-P-27	Drinking Water	10/07/2020	10/07/2020
20J0342-44	01-37-CF-P-28	Drinking Water	10/07/2020	10/07/2020
20J0342-45	01-38-CF-P-29	Drinking Water	10/07/2020	10/07/2020
20J0342-46	01-39-CF-P-30	Drinking Water	10/07/2020	10/07/2020

General Notes for York Project (SDG) No.: 20J0342

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: 10/16/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 01-Gymboys-BF-P-01 **York Sample ID:** 20J0342-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:13 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**30.2**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-Gymgirls-BF-P-02 **York Sample ID:** 20J0342-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:18 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**49.8**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:46	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-ladies-BF-P-03 **York Sample ID:** 20J0342-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:22 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**11.8**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:47	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-ladies-BF-P-04 **York Sample ID:** 20J0342-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:23 am	10/07/2020

Sample Information

Client Sample ID: 01-ladies-BF-P-04 **York Sample ID:** 20J0342-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:23 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**20.5**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:48	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-men-BF-P-05 **York Sample ID:** 20J0342-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:24 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**34.2**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:49	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-men-BF-P-06 **York Sample ID:** 20J0342-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:25 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**10.2**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:50	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-nurse-CF-P-01 **York Sample ID:** 20J0342-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:28 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-nurse-CF-P-01 **York Sample ID:** 20J0342-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:28 am	10/07/2020

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**	**25.9**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:51	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-8-CF-P-02 **York Sample ID:** 20J0342-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:32 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**8.02**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-9-CF-P-03 **York Sample ID:** 20J0342-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:33 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**22.0**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:55	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-10-CF-P-04 **York Sample ID:** 20J0342-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:35 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-10-CF-P-04 **York Sample ID:** 20J0342-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:35 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**26.5**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-11-CF-P-05 **York Sample ID:** 20J0342-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:36 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**23.7**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-12-CF-P-06 **York Sample ID:** 20J0342-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:38 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**22.7**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 16:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-13-CF-P-07 **York Sample ID:** 20J0342-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:39 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-13-CF-P-07 **York Sample ID:** 20J0342-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:39 am	10/07/2020

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**	**25.0**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:22	10/15/2020 17:00	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-Kitchen-KF-P-01 **York Sample ID:** 20J0342-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:43 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**10.1**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:10	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-15-CF-P-08 **York Sample ID:** 20J0342-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:45 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**75.7**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:13	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-16-CF-P-09 **York Sample ID:** 20J0342-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:47 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-16-CF-P-09 **York Sample ID:** 20J0342-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:47 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**21.2**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-19-CF-P-10 **York Sample ID:** 20J0342-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:49 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**22.8**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-20-CF-P-11 **York Sample ID:** 20J0342-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:51 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**31.3**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-20-BF-P-07 **York Sample ID:** 20J0342-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:52 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-20-BF-P-07 **York Sample ID:** 20J0342-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:52 am	10/07/2020

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**	**15.3**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-21-CF-P-12 **York Sample ID:** 20J0342-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:53 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**37.4**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-mens-BF-P-08 **York Sample ID:** 20J0342-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:54 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**7.67**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-mens-BF-P-09 **York Sample ID:** 20J0342-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:55 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-mens-BF-P-09 **York Sample ID:** 20J0342-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:55 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**15.6**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-ladies-BF-P-10 **York Sample ID:** 20J0342-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:57 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**13.7**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-ladies-BF-P-11 **York Sample ID:** 20J0342-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 4:58 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**8.39**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:25	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-1-BF-P-12 **York Sample ID:** 20J0342-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:01 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-1-BF-P-12 **York Sample ID:** 20J0342-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:01 am	10/07/2020

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**	**7.80**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-3-BF-P-13 **York Sample ID:** 20J0342-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:03 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**29.1**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-2-CF-P-13 **York Sample ID:** 20J0342-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:06 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**43.0**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-100-BF-P-14 **York Sample ID:** 20J0342-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:10 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-100-BF-P-14 **York Sample ID:** 20J0342-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:10 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**13.6**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-100-BF-P-15 **York Sample ID:** 20J0342-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:12 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**6.12**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-25-CF-P-14 **York Sample ID:** 20J0342-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:15 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**14.8**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-20-CF-P-15 **York Sample ID:** 20J0342-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:16 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-20-CF-P-15 **York Sample ID:** 20J0342-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:16 am	10/07/2020

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**	**9.02**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-27-CF-P-16 **York Sample ID:** 20J0342-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:18 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**15.8**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/15/2020 17:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-28-CF-P-17 **York Sample ID:** 20J0342-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:20 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**10.7**	B	ug/L	1.00	1	EPA 200.8	10/09/2020 13:26	10/16/2020 12:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-30-CF-P-18 **York Sample ID:** 20J0342-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:21 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-30-CF-P-18 **York Sample ID:** 20J0342-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:21 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**20.8**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:18	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-30-CF-P-19 **York Sample ID:** 20J0342-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:22 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**8.81**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-31-CF-P-20 **York Sample ID:** 20J0342-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:23 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**12.4**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:22	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-31-CF-P-21 **York Sample ID:** 20J0342-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:24 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-31-CF-P-21 **York Sample ID:** 20J0342-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:24 am	10/07/2020

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**	**7.78**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:23	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-32-CF-P-22 **York Sample ID:** 20J0342-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:25 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**5.03**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:26	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-32-CF-P-23 **York Sample ID:** 20J0342-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:26 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**5.42**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:27	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-33-CF-P-24 **York Sample ID:** 20J0342-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:29 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-33-CF-P-24 **York Sample ID:** 20J0342-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:29 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**14.1**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-34-CF-P-25 **York Sample ID:** 20J0342-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:30 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**43.6**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:29	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-35-CF-P-26 **York Sample ID:** 20J0342-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:32 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**7.43**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:30	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-36-CF-P-27 **York Sample ID:** 20J0342-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:33 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-36-CF-P-27 **York Sample ID:** 20J0342-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:33 am	10/07/2020

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**	**4.38**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:31	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-37-CF-P-28 **York Sample ID:** 20J0342-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:35 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**10.8**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:33	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-38-CF-P-29 **York Sample ID:** 20J0342-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:37 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**11.7**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:34	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-39-CF-P-30 **York Sample ID:** 20J0342-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:39 am	10/07/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: **01-39-CF-P-30** **York Sample ID:** **20J0342-46**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J0342	31402629.013.02	Drinking Water	October 7, 2020 5:39 am	10/07/2020

Lead by EPA 200.8

Log-in Notes:

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**	**18.4**		ug/L	1.00	1	EPA 200.8	10/09/2020 13:32	10/16/2020 12:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BJ00544 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
20J0342-01	01-Gymboys-BF-P-01	10/09/20
20J0342-02	01-Gymgirls-BF-P-02	10/09/20
20J0342-03	01-ladies-BF-P-03	10/09/20
20J0342-04	01-ladies-BF-P-04	10/09/20
20J0342-05	01-men-BF-P-05	10/09/20
20J0342-06	01-men-BF-P-06	10/09/20
20J0342-07	01-nurse-CF-P-01	10/09/20
20J0342-08	01-8-CF-P-02	10/09/20
20J0342-09	01-9-CF-P-03	10/09/20
20J0342-10	01-10-CF-P-04	10/09/20
20J0342-11	01-11-CF-P-05	10/09/20
20J0342-12	01-12-CF-P-06	10/09/20
20J0342-13	01-13-CF-P-07	10/09/20
BJ00544-BLK1	Blank	10/09/20
BJ00544-BS1	LCS	10/09/20
BJ00544-DUP1	Duplicate	10/09/20
BJ00544-MS1	Matrix Spike	10/09/20

Batch ID: BJ00545 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
20J0342-14	01-Kitchen-KF-P-01	10/09/20
20J0342-15	01-15-CF-P-08	10/09/20
20J0342-16	01-16-CF-P-09	10/09/20
20J0342-17	01-19-CF-P-10	10/09/20
20J0342-18	01-20-CF-P-11	10/09/20
20J0342-19	01-20-BF-P-07	10/09/20
20J0342-20	01-21-CF-P-12	10/09/20
20J0342-21	01-mens-BF-P-08	10/09/20
20J0342-22	01-mens-BF-P-09	10/09/20
20J0342-23	01-ladies-BF-P-10	10/09/20
20J0342-24	01-ladies-BF-P-11	10/09/20
20J0342-25	01-1-BF-P-12	10/09/20
20J0342-26	01-3-BF-P-13	10/09/20
20J0342-27	01-2-CF-P-13	10/09/20
20J0342-28	01-100-BF-P-14	10/09/20
20J0342-29	01-100-BF-P-15	10/09/20
20J0342-30	01-25-CF-P-14	10/09/20
20J0342-31	01-20-CF-P-15	10/09/20
20J0342-32	01-27-CF-P-16	10/09/20
20J0342-33	01-28-CF-P-17	10/09/20
BJ00545-BLK1	Blank	10/09/20
BJ00545-BS1	LCS	10/09/20
BJ00545-DUP1	Duplicate	10/09/20
BJ00545-MS1	Matrix Spike	10/09/20
BJ00545-MS2	Matrix Spike	10/09/20

Batch ID: BJ00546 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
20J0342-34	01-30-CF-P-18	10/09/20
20J0342-35	01-30-CF-P-19	10/09/20
20J0342-36	01-31-CF-P-20	10/09/20
20J0342-37	01-31-CF-P-21	10/09/20
20J0342-38	01-32-CF-P-22	10/09/20
20J0342-39	01-32-CF-P-23	10/09/20
20J0342-40	01-33-CF-P-24	10/09/20
20J0342-41	01-34-CF-P-25	10/09/20
20J0342-42	01-35-CF-P-26	10/09/20
20J0342-43	01-36-CF-P-27	10/09/20
20J0342-44	01-37-CF-P-28	10/09/20
20J0342-45	01-38-CF-P-29	10/09/20
20J0342-46	01-39-CF-P-30	10/09/20
BJ00546-BLK1	Blank	10/09/20
BJ00546-BS1	LCS	10/09/20
BJ00546-MS2	Matrix Spike	10/09/20

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ00544 - EPA 200.8											
Blank (BJ00544-BLK1)								Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	ND	1.00	ug/L								
LCS (BJ00544-BS1)								Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	44.2		ug/L	50.0		88.3	85-115				
Duplicate (BJ00544-DUP1)	*Source sample: 20J0342-13 (01-13-CF-P-07)							Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	26.7	1.00	ug/L		25.0				6.66	20	
Matrix Spike (BJ00544-MS1)	*Source sample: 20J0342-13 (01-13-CF-P-07)							Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	67.1		ug/L	50.0	25.0	84.1	75-125				
Batch BJ00545 - EPA 200.8											
Blank (BJ00545-BLK1)								Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	1.05	1.00	ug/L								
LCS (BJ00545-BS1)								Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	44.3		ug/L	50.0		88.7	85-115				
Duplicate (BJ00545-DUP1)	*Source sample: 20J0342-33 (01-28-CF-P-17)							Prepared: 10/09/2020 Analyzed: 10/16/2020			
Lead	10.5	1.00	ug/L		10.7				1.38	20	
Matrix Spike (BJ00545-MS1)	*Source sample: 20J0342-33 (01-28-CF-P-17)							Prepared: 10/09/2020 Analyzed: 10/16/2020			
Lead	53.9		ug/L	50.0	10.7	86.4	75-125				
Matrix Spike (BJ00545-MS2)	*Source sample: 20J0342-14 (01-Kitchen-KF-P-01)							Prepared: 10/09/2020 Analyzed: 10/15/2020			
Lead	51.5		ug/L	50.0	10.1	82.8	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ00546 - EPA 200.8											
Blank (BJ00546-BLK1)									Prepared: 10/09/2020 Analyzed: 10/16/2020		
Lead	ND	1.00	ug/L								
LCS (BJ00546-BS1)									Prepared: 10/09/2020 Analyzed: 10/16/2020		
Lead	45.0		ug/L	50.0		90.0	85-115				
Matrix Spike (BJ00546-MS2)	*Source sample: 20J0342-34 (01-30-CF-P-18)								Prepared: 10/09/2020 Analyzed: 10/16/2020		
Lead	59.0		ug/L	50.0	20.8	76.5	75-125				

Sample and Data Qualifiers Relating to This Work Order

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

20J0342

Lead (Pb) Chain of Custody

Client: Mahopac School District

Location Sampled: Mahopac Falls

Date: 10/7/2020 **Address:** 100 Myrtle Ave, Mahopac, NY 10541

Report To (Name): Joseph Kapp Sampled by: Liam Bastol, Steve Gruber

Email Address: Joseph.Kapp@wsp.com; LB.LabResults@wsp.com; Alexander.Smolyar@wsp.com

Project Number: 31402629.013.02

Turnaround Time (TAT) Options* - Please Check

3 Hour	6 Hour	24 Hour	48 Hour	72 Hour	X 120 Hour	1 Week	2 Week

Drinking Water Preserved with HNO_3 pH < 2

Sample ID	Lab ID	Sample Description	Volume	Date/Time Sampled
Ex. 003-312-DW-P-015		Floor, Room Name, Room Number, Type, Type Number	250 mL	~~7:13~~
01-Gym boys-BF-P-01	01	1st, Bathroom Sink 01 (Gym)	250 mL	4:13 am
01-Gym girls-BF-P-02	02	1st, Bathroom Sink 02 (Girls)	250 mL	4:18 am
01-~~boys~~ ladies-BF-P-03	03	1st, Bathroom Sink 03 (Exit C, Left)	250 mL	4:22 am
01-ladies-BF-P-04	04	1st, Bathroom Sink 04 (Exit C, Right)	250 mL	4:23 am
01-men-BF-P-~~04~~ 05	05	1st, Bathroom Sink 05 (Exit C, Left)	250 mL	4:24 am
01-men-BF-P-06	06	1st, Bathroom Sink 06 (Exit C, Right)	250 mL	4:25 am
01-nurse-CF-P-07	07	1st, ~~Class~~ Nurse, Class Sink 01	250 mL	4:28 am
01-8-CF-P-02	08	1st, Class Sink 02 Rm 8	250 mL	4:32 am
01-9-CF-P-03	09	1st, Class Sink 03 Rm 9	250 mL	4:33 am
01-10-CF-P-04	10	1st, Class Sink 04 Rm 10	250 mL	4:35 am
01-11-CF-P-05	11	1st, Class Sink 05 Rm 11	250 mL	4:36 am
01-12-CF-P-06	12	1st, Class Sink 06 Rm 12	250 mL	4:38 am
01-13-CF-P-07	13	1st, Class Sink 07 Rm 13	250 mL	4:39 am
01-Kitchen-KF-P-01	14	1st, Kitchen Sink 01	250 mL	4:43 am
01-15-CF-P-08	15	1st, Class Sink 08 Rm 15	250 mL	4:45 am
01-16-CF-P-09	16	1st, Class Sink 09 Rm 16	250 mL	4:47 am
01-19-CF-P-10	17	1st, Class Sink 10 Rm 19	250 mL	4:49 am
01-20-CF-P-11	18	1st, Class Sink 11 Rm 20	250 mL	4:51 am
01-20-BF-P-07	19	1st, Bathroom Sink 07 Rm 20	250 mL	4:52 am
01-21-CF-P-12	20	1st, Class Sink 12 Rm 21	250 mL	4:53 am
01-mens-BF-P-08	21	1st, Bathroom Sink 08 (By Entrance, Left)	250 mL	4:54 am

Relinquished by:		STEPHEN GRUBER	**Date:**	~~10~~ 10/7/20	**Time:**	7:30
Received by:		Chris C	**Date:**	10-7-20	**Time:**	7:30

Comments: A first draw sample (P) was taken at a drinking water fountain (DW) on the 3rd floor (003) outside of room 312 (312) and is the 15th outlet counted (015). DW= drinking water fountain. WB= Water Bottle Filler. CF= Classroom Sink Faucet. KF= Kitchen Faucet. BF= Bathroom Sink Faucet. NS= Nurse's Office Faucet.

Rel Chris C 10-7-20 1450 Lab-Zgalk 10/7/2020 1450 19.9°C

wsp

205 0342

Sample ID	Lab ID	Sample Description	Volume	Date/Time Sampled
01 - mens - BF - P-09	22	1st, Bathroom Sink 09 (By Entrance, Right)	250 mL	4:55 am
01 - ladies - BF - P-10	23	1st, Bathroom Sink 10 (by Entrance, Left)	250 mL	4:57 am
01 - ladies - BF - P-11	24	1st, Bathroom Sink 11 (by Entrance, Right)	250 mL	4:58 am
01 - 1 - BF - P-12	25	1st, Bathroom Sink 12 Rm 1	250 mL	5:01 am
01 - 3 - BF - P-13	26	1st, Bathroom Sink 13 Rm 3	250 mL	5:03 am
01 - 2 - CF - P-13	27	1st, Class Sink 13 Behind stage Rm 2	250 mL	5:06 am
01 - 100 - BF - P-14	28	1st, Bathroom Sink 14 Rm 100 (Reception)	250 mL	5:10 am
01 - 100 - BF - P-15	29	1st, Bathroom Sink 15 Rm 100 (Back of office)	250 mL	5:12 am
01 - 25 - CF - P-14	30	1st, Class Sink 14 Rm 25	250 mL	5:15 am
01 - 26 - CF - P-15	31	1st, Class Sink 15 Rm 26	250 mL	5:16 am
01 - 27 - CF - P-16	32	1st, Class Sink 16 Rm 27	250 mL	5:18 am
01 - 28 - CF - P-17	33	1st, Class Sink 17 Rm 28	250 mL	5:20 am
01 - 30 - CF - P-18	34	1st, Class Sink 18 Rm 30 (left)	250 mL	5:21 am
01 - 30 - CF - P-19	35	1st, Class Sink 19 Rm 30 (Right)	250 mL	5:22 am
01 - 31 - CF - P-20	36	1st, Class Sink 20 Rm 31 (left)	250 mL	5:23 am
01 - 31 - CF - P-21	37	1st, Class Sink 21 Rm 31 (Right)	250 mL	5:24 am
01 - 32 - CF - P-22	38	1st, Class Sink 22 Rm 32 (left)	250 mL	5:25 am
01 - 32 - CF - P-23	39	1st, Class Sink 23 Rm 32 (Right)	250 mL	5:26 am

Relinquished by:	STEPHEN GAGNE	**Date:**	10/7/20	**Time:**	7:30
Received by:	Chris C	**Date:**	10-7-20	**Time:**	7:30

Comments:

Rel Chris C 10-7-20 1450

Lab-Gale 10/7/2020 1450 19.9°C

Page 2 of 3 pages

20J0342

Sample ID	Lab ID	Sample Description	Volume	Date/Time Sampled
01-33-CF-P-24	40	1st, Class Sink 24 Rm 33	250 mL	5:29 am
01-34-CF-P-25	41	1st, Class Sink 25 Rm 34	250 mL	5:30 am
01-35-CF-P-26	42	1st, Class Sink 26 Rm 35	250 mL	5:32 am
01-36-CF-P-27	43	1st, Class Sink 27 Rm 36	250 mL	5:33 am
01-37-CF-P-28	44	1st, Class Sink 28 Rm 37	250 mL	5:35 am
01-38-CF-P-29	45	1st, Class Sink 29 Rm 38	250 mL	5:37 am
01-39-CF-P-30	46	1st, Class Sink 30 Rm 39	250 mL	5:39 am
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	

Relinquished by:	STEPHEN GRUBER	**Date:**	10/7/20	**Time:**	7:30
Received by:	Chris C	**Date:**	10-7-20	**Time:**	7:30

Comments:

Rel Chris C 10-7-20 1450 Lab. 7Gale 10/7/2020 1450 19.9°C

Technical Report

prepared for:

WSP USA Solutions Inc. (New York, NY)
96 Morton Street, 8th Floor
New York NY, 10011
Attention: Joseph Kapp

Report Date: 12/11/2020
Client Project ID: 31402629.013.02.00
York Project (SDG) No.: 20L0084

Report Date: 12/11/2020
Client Project ID: 31402629.013.02.00
York Project (SDG) No.: 20L0084

WSP USA Solutions Inc. (New York, NY)
96 Morton Street, 8th Floor
New York NY, 10011
Attention: Joseph Kapp

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 December 02, 2020 and listed below. The project was identified as your project: **31402629.013.02.00**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20L0084-01	01-Gymboys-BF-SSP-01	Drinking Water	12/02/2020	12/02/2020
20L0084-02	01-Gymgirls-BF-SSP-02	Drinking Water	12/02/2020	12/02/2020
20L0084-03	01-ladies-BF-SSP-04	Drinking Water	12/02/2020	12/02/2020
20L0084-04	01-men-BF-SSP-05	Drinking Water	12/02/2020	12/02/2020
20L0084-05	01-nurse-CF-SSP-01	Drinking Water	12/02/2020	12/02/2020
20L0084-06	01-9-CF-SSP-03	Drinking Water	12/02/2020	12/02/2020
20L0084-07	01-10-CF-SSP-04	Drinking Water	12/02/2020	12/02/2020
20L0084-08	01-11-CF-SSP-05	Drinking Water	12/02/2020	12/02/2020
20L0084-09	01-12-CF-SSP-06	Drinking Water	12/02/2020	12/02/2020
20L0084-10	01-13-CF-SSP-07	Drinking Water	12/02/2020	12/02/2020
20L0084-11	01-15-CF-SSP-08	Drinking Water	12/02/2020	12/02/2020
20L0084-12	01-16-CF-SSP-09	Drinking Water	12/02/2020	12/02/2020
20L0084-13	01-19-CF-SSP-10	Drinking Water	12/02/2020	12/02/2020
20L0084-14	01-20-CF-SSP-11	Drinking Water	12/02/2020	12/02/2020
20L0084-15	01-20-BF-SSP-07	Drinking Water	12/02/2020	12/02/2020
20L0084-16	01-21-CF-SSP-12	Drinking Water	12/02/2020	12/02/2020
20L0084-17	01-mens-BF-SSP-09	Drinking Water	12/02/2020	12/02/2020
20L0084-18	01-3-BF-SSP-13	Drinking Water	12/02/2020	12/02/2020
20L0084-19	01-2-CF-SSP-13	Drinking Water	12/02/2020	12/02/2020
20L0084-20	01-27-CF-SSP-16	Drinking Water	12/02/2020	12/02/2020
20L0084-21	01-30-CF-SSP-18	Drinking Water	12/02/2020	12/02/2020
20L0084-22	01-34-CF-SSP-25	Drinking Water	12/02/2020	12/02/2020

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
20L0084-23	01-39-CF-SSP-30	Drinking Water	12/02/2020	12/02/2020

General Notes for York Project (SDG) No.: 20L0084

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: 12/11/2020

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 01-Gymboys-BF-SSP-01 **York Sample ID:** 20L0084-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:35 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**22.2**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/10/2020 17:28	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-Gymgirls-BF-SSP-02 **York Sample ID:** 20L0084-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:35 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**36.7**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/10/2020 17:30	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-ladies-BF-SSP-04 **York Sample ID:** 20L0084-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:36 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**12.5**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/10/2020 17:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-men-BF-SSP-05 **York Sample ID:** 20L0084-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:36 am	12/02/2020

Sample Information

Client Sample ID: 01-men-BF-SSP-05 **York Sample ID:** 20L0084-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:36 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**15.2**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/10/2020 17:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-nurse-CF-SSP-01 **York Sample ID:** 20L0084-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:37 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**62.1**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:32	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-9-CF-SSP-03 **York Sample ID:** 20L0084-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:37 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**11.9**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:34	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-10-CF-SSP-04 **York Sample ID:** 20L0084-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:38 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-10-CF-SSP-04 **York Sample ID:** 20L0084-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:38 am	12/02/2020

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**	**43.2**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:35	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-11-CF-SSP-05 **York Sample ID:** 20L0084-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:39 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**13.8**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:39	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-12-CF-SSP-06 **York Sample ID:** 20L0084-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:40 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**12.4**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:40	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-13-CF-SSP-07 **York Sample ID:** 20L0084-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:40 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: **01-13-CF-SSP-07** **York Sample ID:** **20L0084-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:40 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**64.7**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **01-15-CF-SSP-08** **York Sample ID:** **20L0084-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:41 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**44.4**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:42	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **01-16-CF-SSP-09** **York Sample ID:** **20L0084-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:41 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**18.1**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:43	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **01-19-CF-SSP-10** **York Sample ID:** **20L0084-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:42 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-19-CF-SSP-10 **York Sample ID:** 20L0084-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:42 am	12/02/2020

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**	**28.5**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:02	12/09/2020 19:45	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-20-CF-SSP-11 **York Sample ID:** 20L0084-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:42 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**43.9**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 17:54	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-20-BF-SSP-07 **York Sample ID:** 20L0084-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:43 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**4.98**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 17:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-21-CF-SSP-12 **York Sample ID:** 20L0084-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:44 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-21-CF-SSP-12 **York Sample ID:** 20L0084-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:44 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**22.1**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 17:57	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-mens-BF-SSP-09 **York Sample ID:** 20L0084-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:44 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**4.45**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 17:58	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-3-BF-SSP-13 **York Sample ID:** 20L0084-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:45 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**33.8**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 17:59	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-2-CF-SSP-13 **York Sample ID:** 20L0084-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:45 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-2-CF-SSP-13 **York Sample ID:** 20L0084-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:45 am	12/02/2020

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**	**33.7**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 18:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-27-CF-SSP-16 **York Sample ID:** 20L0084-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:47 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**12.0**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 18:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-30-CF-SSP-18 **York Sample ID:** 20L0084-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:49 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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**	**13.8**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 18:05	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-34-CF-SSP-25 **York Sample ID:** 20L0084-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:52 am	12/02/2020

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-34-CF-SSP-25 **York Sample ID:** 20L0084-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:52 am	12/02/2020

Lead by EPA 200.8

Log-in Notes:

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**	**29.8**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 18:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-39-CF-SSP-30 **York Sample ID:** 20L0084-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20L0084	31402629.013.02.00	Drinking Water	December 2, 2020 6:55 am	12/02/2020

Lead by EPA 200.8

Log-in Notes:

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**	**12.2**		ug/L	1.00	1	EPA 200.8	12/09/2020 16:07	12/10/2020 18:08	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BL00539 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
20L0084-01	01-Gymboys-BF-SSP-01	12/09/20
20L0084-02	01-Gymgirls-BF-SSP-02	12/09/20
20L0084-03	01-ladies-BF-SSP-04	12/09/20
20L0084-04	01-men-BF-SSP-05	12/09/20
20L0084-05	01-nurse-CF-SSP-01	12/09/20
20L0084-06	01-9-CF-SSP-03	12/09/20
20L0084-07	01-10-CF-SSP-04	12/09/20
20L0084-08	01-11-CF-SSP-05	12/09/20
20L0084-09	01-12-CF-SSP-06	12/09/20
20L0084-10	01-13-CF-SSP-07	12/09/20
20L0084-11	01-15-CF-SSP-08	12/09/20
20L0084-12	01-16-CF-SSP-09	12/09/20
20L0084-13	01-19-CF-SSP-10	12/09/20
BL00539-BLK1	Blank	12/09/20
BL00539-BS1	LCS	12/09/20
BL00539-DUP1	Duplicate	12/09/20
BL00539-MS1	Matrix Spike	12/09/20

Batch ID: BL00540 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
20L0084-14	01-20-CF-SSP-11	12/09/20
20L0084-15	01-20-BF-SSP-07	12/09/20
20L0084-16	01-21-CF-SSP-12	12/09/20
20L0084-17	01-mens-BF-SSP-09	12/09/20
20L0084-18	01-3-BF-SSP-13	12/09/20
20L0084-19	01-2-CF-SSP-13	12/09/20
20L0084-20	01-27-CF-SSP-16	12/09/20
20L0084-21	01-30-CF-SSP-18	12/09/20
20L0084-22	01-34-CF-SSP-25	12/09/20
20L0084-23	01-39-CF-SSP-30	12/09/20
BL00540-BLK1	Blank	12/09/20
BL00540-BS1	LCS	12/09/20
BL00540-MS2	Matrix Spike	12/09/20

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL00539 - EPA 200.8											
Blank (BL00539-BLK1)								Prepared: 12/09/2020 Analyzed: 12/10/2020			
Lead	ND	1.00	ug/L								
LCS (BL00539-BS1)								Prepared: 12/09/2020 Analyzed: 12/10/2020			
Lead	52.6		ug/L	50.0		105	85-115				
Duplicate (BL00539-DUP1)	*Source sample: 20L0084-13 (01-19-CF-SSP-10)							Prepared & Analyzed: 12/09/2020			
Lead	28.8	1.00	ug/L		28.5				1.15	20	
Matrix Spike (BL00539-MS1)	*Source sample: 20L0084-13 (01-19-CF-SSP-10)							Prepared & Analyzed: 12/09/2020			
Lead	57.0		ug/L	50.0	28.5	57.2	75-125	Low Bias			
Batch BL00540 - EPA 200.8											
Blank (BL00540-BLK1)								Prepared: 12/09/2020 Analyzed: 12/10/2020			
Lead	ND	1.00	ug/L								
LCS (BL00540-BS1)								Prepared: 12/09/2020 Analyzed: 12/10/2020			
Lead	52.6		ug/L	50.0		105	85-115				
Matrix Spike (BL00540-MS2)	*Source sample: 20L0084-14 (01-20-CF-SSP-11)							Prepared: 12/09/2020 Analyzed: 12/10/2020			
Lead	53.5		ug/L	50.0	43.9	19.2	75-125	Low Bias			

Sample and Data Qualifiers Relating to This Work Order

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.

Lead (Pb) Chain of Custody

2020084

Client: Mahopac Central School District

Location Sampled: Mahopac Falls Academy

Date: 12/2/2020 | Address: 100 Myrtle Ave, Mahopac, NY 10541

Report To (Name): Joseph Kapp — Sampled by: Nick Casale, Mike Levay

Email Address: Joseph.Kapp@wsp.com; LB.LabResults@wsp.com

Project Number: 31402629.013.02.00

Turnaround Time (TAT) Options* - Please Check

3 Hour	6 Hour	24 Hour	48 Hour	72 Hour	X 120 Hour	1 Week	2 Week

Drinking Water Preserved with HNO_3 pH < 2

Sample ID	Lab ID	Sample Description	Volume	Date/Time Sampled
Ex. 003-312-DW-SSP-015		Floor, Room Name, Room Number, Type, Type Number	250 mL	
01-Gymboys-BF-SSP-01	47	1st Floor, Bathroom sink 01 (Gym)	250 mL	6:35 am
01-Gymgirls-BF-SSP-02	48	1st Floor, Bathroom sink 02 (Girls)	250 mL	6:35 am
01-ladies-BF-SSP-04	49	1st Floor, Bathroom sink 04 (Exit C, Right)	250 mL	6:36 am
01-men-BF-SSP-05	50	1st Floor, Bathroom sink 04 (Exit C, Left)	250 mL	6:36 am
01-nurse-CF-SSP-01	51	1st Floor, Nurse, Class sink 01	250 mL	6:37 am
01-9-CF-SSP-03	52	1st Floor, Class sink 03, Room 9	250 mL	6:37 am
01-10-CF-SSP-04	53	1st Floor, Class sink 04, Room 10	250 mL	6:38 am
01-11-CF-SSP-05	54	1st Floor, Class sink 05, Room 11	250 mL	6:39 am
01-12-CF-SSP-06	55	1st Floor, Class sink 06, Room 12	250 mL	6:40 am
01-13-CF-SSP-07	56	1st Floor, Class sink 07, Room 13	250 mL	6:40 am
01-15-CF-SSP-08	57	1st Floor, Class sink 08, Room 15	250 mL	6:41 am
01-16-CF-SSP-09	58	1st Floor, Class sink 09, Room 16	250 mL	6:41 am
01-19-CF-SSP-10	59	1st Floor, Class sink 10, Room 19	250 mL	6:42 am
01-20-CF-SSP-11	60	1st Floor, Class sink 11, Room 20	250 mL	6:42 am
01-20-BF-SSP-07	61	1st Floor, Bathroom sink 07, Room 20	250 mL	6:43 am
01-21-CF-SSP-12	62	1st Floor, Class sink 12, Room 21	250 mL	6:44 am
01-mens-BF-SSP-09	63	1st Floor, Bathroom sink 09 (By entrance, Right)	250 mL	6:44 am
01-3-BF-SSP-13	64	1st Floor, Bathroom sink 13, Room 3	250 mL	6:45 am
01-2-CF-SSP-13	65	1st Floor, Bathroom sink 13, Behind storage room 2	250 mL	6:45 am
01-27-CF-SSP-16	66	1st Floor, Class sink 16, Room 27	250 mL	6:47 am
01-30-CF-SSP-18	67	1st Floor, Class sink 18, Room 30 (Left)	250 mL	6:49 am

Relinquished by:	Nicholas Casale	Date:	12/2/20	Time:	9:00 am
Received by:	Chris C	Date:	12-2-20	Time:	9:00

Comments: A first draw sample (P) was taken at a drinking water fountain (DW) on the 3rd floor (003) outside of room 312 (312) and is the 15th outlet counted (015). DW= drinking water fountain. WB= Water Bottle Filler. CF= Classroom Sink Faucet. KF= Kitchen Faucet. BF= Bathroom Sink Faucet. NS= Nurse's Office Faucet. 18-30c Rec. KBlock

Rel. Chris C 12-2-20 1546 — Rec. KBlock 12/2/20 1546

wsp

20L0084

Sample ID	Lab ID	Sample Description	Volume	Date/Time Sampled
01-34-CF-SSP-25	68	1st Floor, Class sink 25, Room 34	250 mL	6:52 am
01-39-CF-SSP-30	69	1st Floor, Class sink 30, Room 39	250 mL	6:55
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	

Relinquished by:	Nick	**Date:**	12-2-20	**Time:**	9:00
Received by:	Chris C	**Date:**	12-2-20	**Time:**	9:00
Comments:			18.3°C	Rec. KBlackph	
	Rel. Chris C	12-2-20 1546		12/2/20 1546	

Page 2 of 2 pages

Technical Report

prepared for:

WSP USA Solutions Inc. (New York, NY)
96 Morton Street, 8th Floor
New York NY, 10011
Attention: Joseph Kapp

Report Date: 01/22/2021
Client Project ID: 31402629.013.02.00
York Project (SDG) No.: 21A0568

Report Date: 01/22/2021
Client Project ID: 31402629.013.02.00
York Project (SDG) No.: 21A0568

WSP USA Solutions Inc. (New York, NY)
96 Morton Street, 8th Floor
New York NY, 10011
Attention: Joseph Kapp

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 January 15, 2021 and listed below. The project was identified as your project: **31402629.013.02.00**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21A0568-01	01-Gymboys-BF-SSP-01	Drinking Water	01/15/2021	01/15/2021
21A0568-02	01-Gymgirls-BF-SSP-02	Drinking Water	01/15/2021	01/15/2021
21A0568-03	01-men-BF-SSP-05	Drinking Water	01/15/2021	01/15/2021
21A0568-04	01-nurse-CF-SSP-01	Drinking Water	01/15/2021	01/15/2021
21A0568-05	01-10-CF-SSP-04	Drinking Water	01/15/2021	01/15/2021
21A0568-06	01-13-CF-SSP-07	Drinking Water	01/15/2021	01/15/2021
21A0568-07	01-15-CF-SSP-08	Drinking Water	01/15/2021	01/15/2021
21A0568-08	01-16-CF-SSP-09	Drinking Water	01/15/2021	01/15/2021
21A0568-09	01-19-CF-SSP-10	Drinking Water	01/15/2021	01/15/2021
21A0568-10	01-20-CF-SSP-11	Drinking Water	01/15/2021	01/15/2021
21A0568-11	01-21-CF-SSP-12	Drinking Water	01/15/2021	01/15/2021
21A0568-12	01-3-BF-SSP-13	Drinking Water	01/15/2021	01/15/2021
21A0568-13	01-2-BF-SSP-13	Drinking Water	01/15/2021	01/15/2021
21A0568-14	01-34-CF-SSP-25	Drinking Water	01/15/2021	01/15/2021

General Notes for York Project (SDG) No.: 21A0568

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: 01/22/2021

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 01-Gymboys-BF-SSP-01 **York Sample ID:** 21A0568-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:24 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**64.9**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:06	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-Gymgirls-BF-SSP-02 **York Sample ID:** 21A0568-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:25 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**55.5**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:09	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-men-BF-SSP-05 **York Sample ID:** 21A0568-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:27 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**17.1**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:11	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-nurse-CF-SSP-01 **York Sample ID:** 21A0568-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:32 am	01/15/2021

Sample Information

Client Sample ID: 01-nurse-CF-SSP-01 **York Sample ID:** 21A0568-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:32 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**18.3**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:12	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-10-CF-SSP-04 **York Sample ID:** 21A0568-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:34 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**24.2**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:13	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-13-CF-SSP-07 **York Sample ID:** 21A0568-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:35 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**21.2**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:14	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-15-CF-SSP-08 **York Sample ID:** 21A0568-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:33 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: 01-15-CF-SSP-08 **York Sample ID:** 21A0568-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:33 am	01/15/2021

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**	**16.6**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:15	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-16-CF-SSP-09 **York Sample ID:** 21A0568-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:31 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**13.7**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-19-CF-SSP-10 **York Sample ID:** 21A0568-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:28 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**27.3**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:18	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-20-CF-SSP-11 **York Sample ID:** 21A0568-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:29 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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

Sample Information

Client Sample ID: 01-20-CF-SSP-11 **York Sample ID:** 21A0568-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:29 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**26.2**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:19	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-21-CF-SSP-12 **York Sample ID:** 21A0568-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:30 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**23.1**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-3-BF-SSP-13 **York Sample ID:** 21A0568-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:22 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**9.81**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 01-2-BF-SSP-13 **York Sample ID:** 21A0568-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:23 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: **01-2-BF-SSP-13** **York Sample ID:** **21A0568-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:23 am	01/15/2021

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**	**21.6**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:35	01/21/2021 16:25	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **01-34-CF-SSP-25** **York Sample ID:** **21A0568-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21A0568	31402629.013.02.00	Drinking Water	January 15, 2021 6:20 am	01/15/2021

Lead by EPA 200.8 **Log-in Notes:** **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**	**51.6**		ug/L	1.00	1	EPA 200.8	01/21/2021 11:42	01/21/2021 16:41	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BA10971 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
21A0568-01	01-Gymboys-BF-SSP-01	01/21/21
21A0568-02	01-Gymgirls-BF-SSP-02	01/21/21
21A0568-03	01-men-BF-SSP-05	01/21/21
21A0568-04	01-nurse-CF-SSP-01	01/21/21
21A0568-05	01-10-CF-SSP-04	01/21/21
21A0568-06	01-13-CF-SSP-07	01/21/21
21A0568-07	01-15-CF-SSP-08	01/21/21
21A0568-08	01-16-CF-SSP-09	01/21/21
21A0568-09	01-19-CF-SSP-10	01/21/21
21A0568-10	01-20-CF-SSP-11	01/21/21
21A0568-11	01-21-CF-SSP-12	01/21/21
21A0568-12	01-3-BF-SSP-13	01/21/21
21A0568-13	01-2-BF-SSP-13	01/21/21
BA10971-BLK1	Blank	01/21/21
BA10971-BS1	LCS	01/21/21

Batch ID: BA10972 **Preparation Method:** EPA 200.8 **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
21A0568-14	01-34-CF-SSP-25	01/21/21
BA10972-BLK1	Blank	01/21/21
BA10972-BS1	LCS	01/21/21
BA10972-MS2	Matrix Spike	01/21/21

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA10971 - EPA 200.8											
Blank (BA10971-BLK1)								Prepared & Analyzed: 01/21/2021			
Lead	ND	1.00	ug/L								
LCS (BA10971-BS1)								Prepared & Analyzed: 01/21/2021			
Lead	52.2		ug/L	50.0		104	85-115				
Batch BA10972 - EPA 200.8											
Blank (BA10972-BLK1)								Prepared & Analyzed: 01/21/2021			
Lead	ND	1.00	ug/L								
LCS (BA10972-BS1)								Prepared & Analyzed: 01/21/2021			
Lead	52.7		ug/L	50.0		105	85-115				
Matrix Spike (BA10972-MS2)	*Source sample: 21A0568-14 (01-34-CF-SSP-25)							Prepared & Analyzed: 01/21/2021			
Lead	53.4		ug/L	50.0	51.6	3.76	75-125	Low Bias			

Sample and Data Qualifiers Relating to This Work Order

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.

21 A 0568

Lead (Pb) Chain of Custody

Client: Mahopac Central School District

Location Sampled: Mahopac Falls Academy

Date: 1/15/2021 **Address:** 100 Myrtle Ave, Mahopac, NY 10541

Report To (Name): Joseph Kapp Sampled By: Nicholas Casale (N.C. 2/23/21)

Email Address: Joseph.Kapp@wsp.com; LB.LabResults@wsp.com

Project Number: 31402629.013.02.00

Turnaround Time (TAT) Options* - Please Check

3 Hour	6 Hour	24 Hour	48 Hour	72 Hour	X 120 Hour	1 Week	2 Week

Drinking Water Preserved with HNO_3 pH < 2

Sample ID	Lab ID	Sample Description	Volume	Date/Time Sampled
Ex. 003-312-DW-SSP-015		Floor, Room Name, Room Number, Type, Type Number	250 mL	
01-Gymboys-BF-SSP-01	70	1st Floor, Bathroom sink 01 (Gym)	250 mL	6:24 am
01-Gymgirls-BF-SSP-02	71	1st Floor, Bathroom sink 02 (Girls)	250 mL	6:25 am
01-men-BF-SSP-05	72	1st Floor, Bathroom sink 04 (Exit C, Left)	250 mL	6:27am
01-nurse-CF-SSP-01	73	1st Floor, Nurse, Class sink 01	250 mL	6:32am
01-10-CF-SSP-04	74	1st Floor, Class sink 04, Room 10	250 mL	6:34am
01-13-CF-SSP-07	75	1st Floor, Class sink 07, Room 13	250 mL	6:35am
01-15-CF-SSP-08	76	1st Floor, Class sink 08, Room 15	250 mL	6:33am
01-16-CF-SSP-09	77	1st Floor, Class sink 09, Room 16	250 mL	6:31am
01-19-CF-SSP-10	78	1st Floor, Class sink 10, Room 19	250 mL	6:28 am
01-20-CF-SSP-11	79	1st Floor, Class sink 11, Room 20	250 mL	6:29am
01-21-CF-SSP-12	80	1st Floor, Class sink 12, Room 21	250 mL	6:30am
01-3-BF-SSP-13	81	1st Floor, Bathroom sink 13, Room 3	250 mL	6:22 am
01-2-CF-SSP-13	82	1st Floor, Bathroom sink 13, Behind storage room 2	250 mL	6:23am
01-34-CF-SSP-25	83	1st Floor, Class sink 25, Room 34	250 mL	6:20am
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	
			250 mL	

Relinquished by:	Nicholas Casale	**Date:**	1/15/21	**Time:**	8:30am
Received by:		**Date:**	1-15-21	**Time:**	8am

Comments: A first draw sample (P) was taken at a drinking water fountain (DW) on the 3rd floor (003) outside of room 312 (312) and is the 15th outlet counted (015). DW= drinking water fountain. WB= Water Bottle Filler. CF= Classroom Sink Faucet. KF= Kitchen Faucet. BF= Bathroom Sink Faucet. NS= Nurse's Office Faucet.

1/15/21 - 1516

Rel. 1-15-21-1516 Rec'd: J. York/YORK

APPENDIX B

Laboratory ELAP Certifications

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Fuel Additives	
Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2
Metals I	
Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Metals II	
Aluminum, Total	EPA 200.7 Rev. 4.4
Antimony, Total	EPA 200.8 Rev. 5.4
Metals II	
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Molybdenum, Total	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Metals III	
Calcium, Total	EPA 200.7 Rev. 4.4
Magnesium, Total	EPA 200.7 Rev. 4.4
Potassium, Total	EPA 200.7 Rev. 4.4
Sodium, Total	EPA 200.7 Rev. 4.4
Miscellaneous	
Turbidity	EPA 180.1 Rev. 2.0
Non-Metals	
Alkalinity	SM 21-23 2320B (-97)
Calcium Hardness	EPA 200.7 Rev. 4.4
Chloride	EPA 300.0 Rev. 2.1
Color	SM 21-23 2120B (-01)
Fluoride, Total	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	EPA 300.0 Rev. 2.1
	SM 19, 21-23 4500-P E (-99)
Solids, Total Dissolved	SM 21-23 2540C (-97)

Serial No.: 61203

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MR. ROBERT Q. BRADLEY
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120 RESEARCH DRIVE
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NY Lab Id No: 10854

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All approved analytes are listed below:

Non-Metals	
Specific Conductance	EPA 120.1 Rev. 1982
Sulfate (as SO4)	EPA 300.0 Rev. 2.1
Trihalomethanes	
Bromodichloromethane	EPA 524.2
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2
Volatile Aromatics	
1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
Volatile Aromatics	
p-Isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2
Total Xylenes	EPA 524.2
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2

Serial No.: 61203

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2021
Issued April 01, 2020

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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NY Lab Id No: 10854

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All approved analytes are listed below:

Volatile Halocarbons

cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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Serial No.: 61203

NELAP RECOGNIZED TNI ACCREDITATION BODY

APPENDIX C

NYS DOH Lead Testing in School Drinking Water 2020 Compliance Requirements and NYS DOH Frequently Asked Questions (FAQs)

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Lead Testing in School Drinking Water
2020 Compliance Requirements

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Center for Environmental Health

Background

- On September 6, 2016, Governor Cuomo signed into law a bill passed by the New York State Legislature (A10740/S8158).

- The law requires the New York State Department of Health (Department) to develop regulations to require all public school districts and Boards of Cooperative Educational Services (BOCES) - collectively, “schools” - to test all potable water outlets for lead contamination, and to take action if lead levels exceed 15 micrograms per deciliter.

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Regulation

- The Department established regulation to conform with the law - introduced as an emergency regulation, effective on September 6, 2016

- Title: ***Lead Testing in School Drinking Water***
  10 NYCRR Subpart 67-4 (Subpart 67-4)

- The final regulation was adopted on May 9, 2018

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Who Must Comply with Subpart 67-4?

- All NYS public school districts
  - Including those schools who are classified as a public water system (PWS)
- BOCES
- All buildings owned or leased by a public school

The regulation *does not apply* to:

- private, charter, or Indian Nation schools
- daycare facilities

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“Lead-Free” Buildings

Any school building, facility, addition, or wing with internal plumbing that meets the new definition of “lead-free”, as defined by Section 1417 of the Federal Safe Drinking Water Act, is exempt from sampling.

A building is deemed lead-free if:

- The building was built after January 4, 2014, - OR -
- A NYS Professional Engineer or Architect certifies the building to be lead-free.

Exemptions from sampling:

- Do not apply to individual outlets
- For an existing building, renovated wing (portion of a building), or an addition to a building to be exempt from sampling - all internal plumbing and service line connections must be “lead-free”

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Key elements of Subpart 67-4

- Monitoring
- Response
- Public Notification
- Reporting
- Recordkeeping

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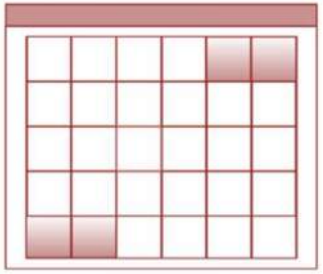
Monitoring

Sampling Schedule

- First round of testing in accordance with Subpart 67-4 was performed in 2016
- Next round to be performed in 2020 (NYC performing testing now)
- Every 5 years thereafter or at an earlier time as determined by the Commissioner of Health



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Compliance Year 2020
Second Round of Testing

Schools must complete *initial first-draw* sampling for Compliance Year 2020 between:

- January 1, 2020 – December 31, 2020

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Sampling Locations

Outlets that should be sampled may be located anywhere on school property including external outlets (hose bibs) if the outlet may be used for drinking or cooking (including food preparation). Samples must be collected at all outlets used or potentially used for drinking or cooking, including but not limited to:

- bubblers/drinking fountains
- classroom sinks
- classroom combination sinks and drinking fountains
- kitchen sinks
- kitchen kettle filler outlets
- bathroom sinks
- family and consumer sciences room sinks
- teachers' lounge sinks
- nurse's office sinks
- athletic field outlets and any other sink known to be or potentially used for consumption (e.g., coffeemaker or cups are nearby).

“Applicable” vs. “Non-applicable” outlets

Superintendents or their designees have the responsibility to identify which outlets on a school property meet the regulation requirements for sampling (“applicable outlets”).

If a Superintendent or their designee determines that they have outlets that fall outside of the scope of the regulation (outlets not used or potentially used for drinking or cooking), the school must have a remedial action plan that includes details on how those outlets will not be accessed and/or utilized for drinking or cooking purposes (“non-applicable outlets”).

Other Examples of "Applicable outlets"

- **Food washing sinks:** Food washing faucets must be sampled as they are used for cooking (including food preparation) and potentially for drinking
- **Ice machines:** The ice made in an ice machine should be sampled for lead
- **Combination bottle fill station and drinking fountain:** A sample should be collected from both outlets. The Department recommends sampling the outlet that is most frequently used first
- **Hand washing outlets:** In general, all hand washing outlets in a bathroom should be sampled as bathroom outlets may be used to obtain water for drinking and/or food preparation. The Department recognizes that there are many different types of outlets in the bathroom that present challenges for sampling. Guidance has been developed to assist with sampling the various outlets. *This Guidance is coming soon.*
- **Foot level operated multi-outlet gang sink:** In general, samples should be collected from each outlet of a gang sink, however, if the gang sink design does not allow sample collection from each outlet, the schools should contact the local health department or the Department to discuss.
- **Traditional outlet with hot and cold water handle:** Samples must be collected from each outlet but only the cold water should be turned on for sampling

"Non-applicable outlets"

Rule of Thumb:

In general, any outlet in a room or office within a school that is not used by students (pre-kindergarten through grade 12) *and* does not provide water for drinking or cooking does not require sampling.

Examples of possible “Non-applicable outlets”

- **Dishwashing sinks:** If an outlet is designated for dish washing only and involves no opportunity for drinking or cooking (including food preparation), the outlet does not require sampling
- **Bus garage:** Outlets in bus garage buildings do not require sampling for lead unless the building is occupied by students (e.g., BOCES classes)
- **Point of entry:** Samples from the point of entry are not required under Subpart 67-4. Point of entry is the location where water *enters* the building from the distribution system of a public water system
- **Science/Art sinks:** Typically, classrooms in these settings prohibit eating and/or drinking. The school Superintendent has the authority to determine whether these outlets may be used for drinking or cooking and whether they require sampling

NEW Guidance Concerning Tempered Outlets "Non-applicable outlets"

Tempered Outlets:

The Department and the US EPA recommend that hot or tempered water ***not*** be used for drinking or cooking as warm or hot water increase the leaching of lead into the water.

Tempered outlets do not require sampling.

However, all tempered water outlets should be clearly posted with signs ("Do Not Drink" or equivalent), education should be provided to the students and staff to ensure awareness, and the remedial action plan should address, document, and describe continued management of the controls in place for these outlets.

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Sample Collector Qualifications

- Any individual who is familiar with the regulation and a “first-draw” sampling protocol may collect samples. This includes but is not limited to:
  - a school staff member,
  - a laboratory representative, or
  - a consultant.

- The individual collecting the sample must be able to maintain quality assurance and control over the sampling, and must ensure the chain of custody of the water samples is maintained.
- The school Superintendent or designee is ultimately responsible for ensuring that the samples are collected in accordance with Subpart 67-4.

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“First-draw” Samples

Any sample collected for compliance under Subpart 67-4 must be a “first-draw” sample.

First-draw sample:

- A water sample collected from a cold water outlet before any water is used from that outlet
- Water must be motionless in pipes for a minimum of 8-hours and maximum of 18-hours before sample collection
  - This timeframe represents water that would be consumed during normal operating conditions on any school day.

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Sampling Collection Guidance

- **Pre-stagnation flushing:** The Department does not allow for pre-stagnation flushing prior to sampling unless a school is directed to do so by the Department or local health department
- **Aerators**: Aerators should not be removed prior to sampling
- Required **sample volume** = 250 milliliters (mL)
  - Department recommends using wide mouth 250 mL plastic containers
  - Ensure laboratory is aware of sample volume
  - Note: This sample volume differs from the 1 liter requirement under the Lead and Copper Rule (LCR)

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Environmental Laboratory Qualifications

- Samples must be analyzed by a laboratory that is approved to perform lead testing of drinking water samples by the Department's Environmental Laboratory Approval Program (ELAP)
- A listing of approved laboratories can be found at: http://www.wadsworth.org/regulatory/elap/certified-labs

To find a laboratory, select the following criteria to narrow your search:

- For lab type: select "commercial"
- For matrix: select "potable water"
- For analyte: select "lead, total"

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Interpreting Results

Lead Action Level

The action level for lead in school drinking water is 15 micrograms per liter or parts per billion (ppb).

- Lead test results ≤ 15 ppb do *not* exceed the lead action level, and therefore do not require further testing or remediation.
- Lead test results > 15 ppb (i.e., 15.1 ppb, or greater) *exceeds* the lead action level and requires the outlet to be taken out of service and a remediation action plan be implemented.

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Can Sample Results be Invalidated?

All lead test results *regardless of circumstances* must be reported on the school's website and to the Department, the NY State Education Department, and the local health department using the Department's HERDS application on the Health Commerce System (HCS). *(Additional reporting requirements are covered in next section)*

If a sample result is suspected to be erroneous, a complete explanation of the circumstance should be retained with other related records in the central repository at the school. In such cases, schools should retest the specific outlet(s) to determine the level of lead in water.

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Response and Corrective Actions

Steps following an Action Level Exceedance

Immediate Response

- Prohibit the use of the outlet immediately (take outlet out of service or turn off) until:
  (1) A lead remedial action plan is implemented to mitigate the lead level at the outlet, and
  (2) Post-remediation test results indicate that the lead levels are at or below the action level;
- Provide building occupants with an adequate supply of water for drinking and cooking until remediation is performed;
- Report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report;
- Notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.

If an outlet tested above the “action level”, can it still be used for cleaning and handwashing?

- Yes
- Signage must be placed at such outlets stating that the water should not be used for drinking (only handwashing and cleaning)
- Pictures should be used if there are small children using the water outlets, and staff should ensure the children understand what the signs mean and monitor the outlets to ensure they are not used for drinking

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Corrective Actions / Remediation Options

- Permanent removal of an outlet
- Outlet replacement with “lead-free” plumbing materials
- Pipe replacement with “lead-free” plumbing materials
- Remove other sources of lead (lead pipe, lead solder joints, and brass plumbing components with “lead-free” materials)
- Flushing (systematic flushing program)
- Point of Use (POU) Filters*
- Supervision
- Engineering controls
- Education
- Signage

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Corrective Actions / Remediation Options

- Signage

Post-Remediation Testing

- Follow-up samples collected after an outlet has been remediated must also be “first-draw” samples. Schools may choose to perform additional sampling (i.e., 30-second flush, etc.) to determine the contribution of lead from plumbing to guide remediation decisions.
- Only those outlets that exceed the action level need to be resampled (following remediation).
- All remediated outlets will likely require flushing prior to being placed back into service.
- Post-remediation tests results need to be reported:
  - in the Department’s HERDS application on HCS, and
  - on the school’s website within the same reporting timeframes/requirements as specified for the initial sampling *(addressed in next section).*

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Public Notification

Public Notification Requirements

- Within 1 business day of receipt of laboratory reports:
  - ✓ Report any and all exceedances (lead result greater than 15 ppb) to the local health department
- Within 10 business days of receipt of laboratory reports:
  - ✓ Report all exceedances to all staff, parents, and guardians in writing.
  - ✓ Report test results (including post-remediation results) in the Department's electronic reporting system, HERDS accessed through HCS. This information is posted on the Department's website for the public
- Within 6 weeks of receipt of laboratory reports:
  - ✓ Post numeric test results of all lead testing and information about remediation actions taken to address outlets where lead exceeded the action level on the school's website. This should remain posted on the school's website for the duration of the compliance period (i.e. 2020-2024)
- Report any lead-free buildings on the school's website

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Public Notification Requirements (continued)

- Within 6 weeks of receipt of laboratory reports:
  - ✓ Post numeric test results of all lead testing and information about remediation actions taken to address outlets where lead exceeded the action level on the school's website. This should remain posted on the school's website for the duration of the compliance period (i.e. 2020-2024)

> *Required per Section 67-4.5(b)(1) "The school shall make available, on the school's website, the results of all lead testing performed and lead remediation plans implemented pursuant to this Subpart, as soon as practicable, but no more than 6 weeks after the school received the laboratory reports."*

- The Department has created a template to assist schools with reporting the pertinent result information on their website.

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Example of Website Posting

(Template to be released in Guidance)

date last updated:

School Name: Elementary School ABC

Lab ELAP id#: 777777 **Method of analysis:** EPA Method 200.7

Lab ID#	School sample id	collection date	Sample location	Outlet description	Initial/post remediation	Lead result ug/L (ppb)	lab report receipt date	Action Taken
A-1EnvLab	001	1/15/2020	Room 104	cold water outlet	initial	6	1/29/2020	n/a
A-1EnvLab	002	1/15/2020	Gym	drinking fountain	initial	9	1/29/2020	n/a
A-1EnvLab	003	1/25/2020	Kitchen food prep sink	cold water outlet	post remediation	LT 1.0	2/10/2020	replaced

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Electronic Reporting

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Electronic Reporting in HCS/HERDS

- ✓ Within 10 business days of receipt of laboratory reports:
  Summary data must be reported in the Department's electronic reporting system, HERDS accessed through HCS. Summary data includes:
  - General information (lead-free status, website address)
  - Sampling information
  - Lead analysis results
  - Response and remediation

Do not submit laboratory reports directly to the Department or local health department unless otherwise directed.

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New and *Improved* HERDS Reporting Format for 2020

- One form for each building (no longer 3 forms!)
- Simplified format

Note: The 2020 reporting form will not be accessible until January 1st 2020.

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HCS/HERDS Access - for School Lead in Drinking Water Reporters

1. Have an HCS Account
    1. To register:
        1. Internet search engine: 'NYS HCS' and click the link
        2. Click 

        3. Follow the prompts to create an account
        4. Print the confirmation email and bring to your HCS Coordinator who must finalize your account
        5. Sign into HCS to verify access
2. Be assigned the **School Lead in Drinking Water Reporter role** by an HCS Coordinator for **each building** they are to report under

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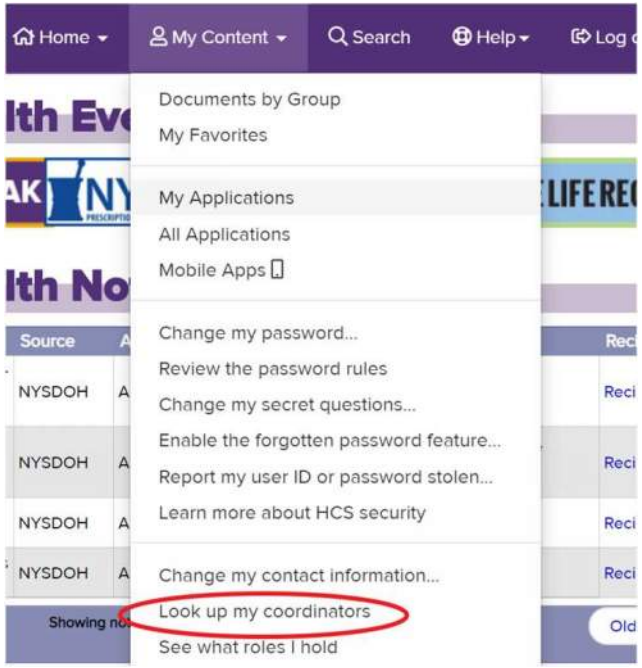
How to look up your HCS Coordinator

If you have an HCS Account:

- Sign into HCS
- Click ‘My Content’
- Click ‘Look up My Coordinators’
  - You’ll see each HCS Coordinator’s name, phone, and email in a table. Any of those individuals can assist you.

If you do **not** have an HCS Account:

- Ask a colleague with HCS access
  - they can sign into HCS and follow the steps above
- Call Commerce Accounts Management Unit ((CAMU) 1-866-529-1890 option 1)
- Call your LHD, or
- Email the Department for a list of your school’s HCS Coordinators.



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New and *Improved* HERDS Reporting Format for 2020

Live Demo

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Recordkeeping

Recordkeeping Requirements

- Schools must retain all records of:
  - Test results
  - Remedial action plans
  - Determinations that a building is lead-free; and
  - Waiver requests (only applicable to compliance year 2016)
- Per Subpart 67-4, schools must retain records for 10 years following document creation (Note: other agencies may have additional records retention requirements, i.e., NYS Department of Labor)
- Copies of documents must be provided to the Department, the NY State Education Department, or the local health department upon request
- Department recommends that all records be kept in a centrally located and accessible repository for each school building

Claims and Reimbursement

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NY State Education Department Reimbursement

- For testing costs only, pursuant to Education Law 3602 (6-h.), claims may be submitted for State Aid using Form FB Schedule W (similar to 2016). These claims may be submitted for expenditures in the 2019-20 school year and every year thereafter.
- No remediation costs may be claimed for building aid on Form FB Schedule W.
- Remediation costs may be eligible for building aid reimbursement. The scope would need to qualify as approved capital construction and claimed as such pursuant to Education Law 3602(6.).
- *Claims for the Lead Testing in School Drinking Water program are not reimbursed as part of the Building Condition Survey.*

(Information provided by NYS Education Department)

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Enforcement

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Enforcement

- Upon reasonable notice to a school, an employee of the Department or the local health department may enter any building for the purpose of determining compliance with Subpart 67-4.
- If a school does not comply with the Subpart 67-4, the Department or the local health department may take any action authorized by law.

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Best Management Practices

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Best Management Practices to Reduce Lead in Drinking Water

- Aerator cleaning
- Routine flushing practices (after vacations and long weekends)
- Use only certified lead-free materials when performing plumbing work
- Follow the manufacturer's recommendations for water softener settings to ensure an appropriate level of hardness
- Temperature control
- Educating staff and students of the benefits of running water at a tap briefly prior to using it for drinking or food preparation. Letting the water run for 30-60 seconds or until the water feels cold can reduce the potential levels of lead in the drinking water

Next Steps

Next Steps

- Release of updated Guidance, to be posted at: https://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm
- Perform lead testing between January 1 and December 31, 2020
- Enter data in HERDS within 10 days of receipt of laboratory results

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Questions?

Contact us:

Email:lead.in.school.drinking.water@health.ny.gov

Phone: 518-402-7650

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FREQUENTLY ASKED QUESTIONS
For School Buildings and Grounds Personnel
Lead in NYS School Drinking Water
November 1, 2016

Background

The "on-again, off-again" nature of water use at most schools can raise lead levels in school drinking water. Water that remains in pipes overnight, over a weekend, or over vacation periods stays in contact with lead pipes or lead solder and could contain higher levels of lead. It is important to identify and address elevated levels of lead in drinking water in schools as part of reducing a child's overall exposure to lead in the environment.

General Information

REVISED

1. What is the new lead testing in school drinking water legislation?

The New York State Legislature recently passed a bill (A10740/S8158) which requires the Department to develop regulations to require all school districts and boards of cooperative educational services (BOCES)—collectively, "schools"—to test all potable water outlets for lead contamination, and to take responsive actions. Governor Cuomo signed the proposed legislation, and the DOH adopted emergency regulations, titled *Lead Testing in School Drinking Water* -10 NYCRR Subpart 67-4 (Subpart 67-4), on September 6, 2016. The legislation includes all buildings owned or leased by a school.

2. Where can I find the regulations?

The regulation can be found at: http://health.ny.gov/regulations/emergency/docs/2016-09-06_lead_testing_in_school_drinking_water.pdf.

REVISED

3. Are private, charter, or Indian nation schools required to conduct lead testing under this regulation?

No. Only NYS schools districts and boards of cooperative educational services (BOCES) are required to test for lead under this regulation. Note: The regulation includes all buildings owned or leased by a school.

Monitoring

4. Where must samples be collected?

Samples must be collected at all outlets within the school. An outlet is a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to bubblers, drinking fountains and faucets. Faucets may be located anywhere on school property where drinking water is currently or potentially obtained, including but not limited to the athletic field.

NEW

5. What are the acceptable types of laboratory containers for collecting samples?

The required sample volume for analysis of lead in school drinking water is 250 milliliters (mL). DOH recommends wide mouth 250 ml containers. New York State Environmental Laboratory Approval Program (ELAP) certified laboratories have been notified of the 250 mL container requirement and should supply the correct sampling containers. Note: Nitric acid is added to lead sample bottles by the lab as a sample preservative. As a safety precaution, due to the potential for accidental contact with the nitric acid which could burn skin and clothing, schools may request their contract lab send out bottles without the nitric acid preservative. The lab will add the nitric acid upon receipt of the samples in the laboratory. Schools will need to discuss this option with their lab in advance of the bottles being shipped.

NEW

6. Are samples collected prior to September 6, 2016, using 1-liter bottles, acceptable under Subpart 67-4?

No. Samples collected using 1-liter sample bottles will not be accepted.

NEW

7. Does a school need to sample outlets that <u>are not</u> used (or potentially used) for drinking or cooking purposes?

If the school has evaluated and determined that an outlet is not currently or potentially used for cooking or drinking purposes, then sampling is not required under Subpart 67-4.

NEW

8. Should aerators be removed before collecting samples?

Aerators should be left in place.

NEW

9. Is a point of entry sample a requirement in Subpart 67-4?

No, point of entry samples are not required under Subpart 67-4.

NEW

10. What is the proper sampling protocol for collecting samples from ice machines? Which bottles should be used?

Refer to the USEPA 3T's sample collection procedures, exhibit 4.7, initial screening sample 1E. https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf

The required sampling container size is a 250 ml bottle. Wide mouth bottles are recommended.

NEW

11. Should a foot lever operated multi-outlet gang sink in a school bathroom be sampled? Is one sample from one outlet representative of all outlets on the gang sink?

All fixtures that are currently or potentially used for cooking or drinking should be sampled. Representative sampling or composite sampling are not allowed. Note: The school is responsible for determining if an outlet is currently or potentially used for cooking or drinking.

NEW

12. What is the protocol for collecting samples from fixtures that are tempered?

All outlets that are currently or potentially used for cooking or drinking purposes should be evaluated/sampled pursuant to a normal operating conditions scenario. Please refer to The Department's Recommended Sampling Instructions for Lead Testing in School Drinking Water. http://www.health.ny.gov/environmental/water/drinking/lead/docs/sampling_instructions_10_04_16.pdf

NEW

13. The Department recently updated its guidance regarding tempered outlets to reflect the outlet being monitored under normal operations, and stated that hot water feeds should not be turned off. What should a school do if they have already collected a sample from a tempered fixture with the hot water feed turned off?

The Department does not recommend turning off hot water feeds. The school is not required to resample unless directed by the Department or local health department. All future monitoring must follow the most current sampling protocols.

NEW

14. Should drinking fountains with bottle fills be sampled from both the fill and from the fountain portion? If so does it matter which is collected first?

Both fixtures should be sampled if they are used or have the potential to be used for drinking or cooking purposes. The Department recommends sampling the outlet that is most frequently used first.

15. Who can collect the samples?

Any individual who is familiar with the regulation's "first-draw" sampling protocol may collect samples. This includes but is not limited to a school staff member, a laboratory representative, or a consultant. The individual collecting the sample must be able to maintain quality assurance and control over the sampling, and must ensure the chain of custody of the water samples is maintained. However, the school is ultimately responsible for ensuring that the samples are correctly taken.

16. What it is a "first-draw" sample?

A "first-draw" sample is a water sample that is collected from an outlet before any water is used from that outlet. The water shall be motionless in the pipes for a minimum of 8 hours, but not more than 18 hours, before sample collection. The required sample volume for analysis of lead in school drinking water sample is 250 milliliters (mL).

17. What does the "water must be motionless" mean?

The water in the school facility must remain motionless in the plumbing for a minimum of 8 hours but no more than 18 hours. During this time period, no water can be used in the facility. This includes non-drinking water outlets, janitorial sinks, toilets, outside hoses and irrigation systems (unless the irrigation system is served by its own service line). This amount of time was established to ensure that the collected samples are representative of water that typically a student or faculty member may consume. Sampling should be conducted to reflect normal school operating conditions.

NEW

18. Can sample collection be done in stages (i.e. on different days)?

Yes. Samples can be collected in stages as long as sampling is conducted in compliance with Subpart 67-4 and within the compliance dates.

NEW

19. Is pre-stagnation flushing allowed prior to sampling?

The Department does not recommend pre-stagnation flushing prior to sampling unless they are directed to do so by the State or Local Health Department

20. When does a school need to complete initial first-draw sampling?

By September 30, 2016, for any school serving children in any of the levels prekindergarten through grade five.

By October 31, 2016, for any school serving children in any of the levels grades six through twelve that are not also serving students in any of the levels prekindergarten through grade five.

Prior to occupancy for buildings put into service after September 6, 2016.

If your school performed sampling prior to September 6, 2016, please refer to FAQ #51.

NEW

21. My school sampled outlets before September 6, 2016, in accordance with United States Environmental Protection Agency's (USEPA) 3Ts program, but did not include outlets that were considered as not water consumptive, such as bathroom sinks.

All outlets used or potentially used for drinking or cooking purposes must be sampled as outlined in Subpart 67-4. Therefore, any samples that were omitted but required to be tested under Subpart 67-4 must **be sampled**.

For samples taken before September 6, 2016, the school should consult with their local health department to determine if the sampling conducted was in full or substantial compliance with Subpart 67-4. If the sampling was conducted in full compliance with the regulation, only the omitted outlets are required to be sampled. If some outlets were sampled in substantial compliance with the regulation, the school may apply for a waiver for those outlets, but must sample the omitted outlets.

22. Does Subpart 67-4 require schools to test for any other substances?

No. Only testing for lead is required of schools under this regulation.

23. After initial monitoring is complete, will there be periodic monitoring?

Yes. Schools must collect first-draw samples again in 2020, or at an earlier time as determined by the State Commissioner of Health. Sampling will be required at least every five years thereafter.

Laboratory Analysis

24. Who can analyze the samples?

All drinking water samples must be analyzed by an environmental laboratory certified by the Department's Environmental Laboratory Approval Program (ELAP) to conduct lead in drinking water analysis.

25. Where can we find a list of New York certified laboratories?

A listing of approved laboratories can be found at:
http://www.wadsworth.org/regulatory/elap/certified-labs
Once you click the above link, click on the following drop down boxes to narrow your search:
For lab type – select on commercial
For matrix – select potable water
For analyte – select lead, total

NEW

26. Is there a process for sample invalidation, if a school believes the test result is erroneous?

There is no process for sample invalidation. All lead results regardless of circumstances must be reported on the HERDS application on the Health Commerce System (HCS). The HCS link is: https://commerce.health.state.ny.us. A complete explanation of the circumstance should accompany the reporting of the initial and repeat sampling demonstrating the reduction in lead concentration at the outlet.

"Lead-free" plumbing in School Buildings

REVISED

27. Is sampling required for school buildings that are "lead-free"?

Any school building with internal plumbing that meets the new definition of "lead-free," as defined by 1417 of the Federal Safe Drinking Water Act, is exempt from sampling. A building can be deemed lead-free if: (1) it was built after January 4, 2014; or (2) a New York State Professional Engineer or Architect certifies the building to be lead-free.

Note that schools must report their list of lead-free buildings on the schools website by October 31, 2016.

By November 11, 2016, schools must report a list of lead-free building using the Department's designated statewide electronic reporting system (SERS).

NEW

28. Significant renovations were made within our schools. During the renovations most of the fountains and faucets were replaced. If the school can demonstrate that these outlets are "lead free" according to the federal regulations is the school exempt from testing those outlets?

Subpart 67-4.2 (b) exempts buildings with plumbing materials that are lead free as defined in section 1417 of the Federal Safe Drinking Water Act. To qualify for an exemption, all outlets must be lead-free. Exemptions cannot be granted for individual outlets.

Response

NEW

29. What is the "action level" for lead in school drinking water under Subpart 67-4?

The action level for lead in school drinking water is 15 micrograms per liter (mcg/L) or parts per billion (ppb). That is also equivalent to 0.015 milligrams per liter (mg/L) or parts per million (ppm). For the purposes of interpreting analytical laboratory results relative to what constitutes a lead action level exceedance under the Lead Testing in School Drinking Water regulation, the following guidance is provided:

- Lead results reported by the laboratory that are to be equal to, or less than, 15 micrograms per liter (≤ 15) does not constitute a lead action level exceedance, and therefore does not require further testing or remediation.
- Lead results reported by the laboratory that are greater than 15 micrograms per liter (i.e. 15.1 micrograms per liter, or greater) exceeds the lead action level and therefore requires the outlet to be taken out of service and a remediation plan to be implemented.

30. If the lead concentration of water at an outlet exceeds the action level under Subpart 67-4, what does the school need to do?

If the lead concentration of water at an outlet exceeds the action level, the school must:

- prohibit use of the outlet (take out of service or turn off) until:

  (1) A lead remediation plan is implemented to mitigate the lead level of such outlet;
  (2) Test results indicate that the lead levels are at or below the action level;
- provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;
- report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and
- notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report; and, for results of tests performed prior to the effective date of this Subpart, within 10 business days of this regulation's effective date, unless such written notification has already occurred.

NEW

31. What is the required follow up testing protocol for samples above the action level? First-draw or flush-draw?

Initial and follow-up samples collected after an outlet has been remediated must be a first-draw sample, as required by Subpart 67-4 for compliance purposes. Additional sampling (i.e 30-second flush, etc.) may be conducted to determine the plumbing contribution to lead in drinking water test result.

NEW **32. Does the entire building need to be re-sampled for post-remediation testing, or only those outlets that exceeded the action level?**

Only those outlets that exceed the action level need to be resampled following remediation. In accordance with Subpart 67-4, if the lead concentration of water at an individual outlet exceeds the action level, the school must prohibit use of the outlet (take out of service or turn off) until:

(1) A lead remediation plan is implemented to mitigate the lead level of such outlet; and

(2) Test results indicate that the lead levels are at or below the action level.

33. If an outlet has tested above the action level, can the water still be used for cleaning and handwashing?

Yes. The water can be used for handwashing and cleaning. Lead is not absorbed through the skin. Signage should be placed at non-drinking water outlets stating that water should not be used for drinking; only handwashing and cleaning. Pictures should be used if there are small children using the water outlets, and staff should ensure they understand what the signs mean and monitor to ensure that they don't drink the water. Example signage can be found on the department's website at: http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm

NEW

34. Can posting signs be used as a permanent measure for outlets that exceed an action level, rather than taking the outlet out of service?

Signage used at outlets are considered to be a temporary measure and cannot be used as a permanent measure.

NEW

35. Can an outlet be removed from service permanently if determined unnecessary?

Yes. The school is still required to meet SED's requirements for access to potable water. To ensure an outlet is permanently taken out of service the department recommends removing the fixture and/or capping the supply lines before the fixture

NEW

36. Will the Department be providing sample signage for schools to post, e.g., indicating that an outlet is not for drinking use, or is for hand washing only?

Example signage is posted on the Department website at: http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm .

NEW

37. Is the school required to post signage on non-potable water outlets?

There is no requirement to post signage on non-potable outlets in Subpart 67-4. However, if the school deems that an outlet is non-potable it may be prudent to label those outlets as non-potable.

Public Notification to School Community

38. What are a school's public notification requirements?

Schools must list on their website:

- Any lead-free buildings by October 31, 2016.
- The results of all lead testing performed and lead remediation plans implemented as soon as practicable, but no more than 6 weeks after the school received the laboratory reports
- For schools that received lead testing results and implemented lead remediation plans in a manner consistent with the regulation, prior to September 6, 2016, the school shall

make available such information on the school's website, as soon as practicable, or before October 18, 2016.

NEW

39. What level of detail is required when posting lab results on the school's website?

Schools are encouraged to publish as much detail as possible but at a minimum, should include the sampling location (i.e. building, room, outlet, etc.) and the lead result(s). Public notification guidance can be found in the USEPA 3Ts under section III, "Telling" at: https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf

NEW

40. If a district tests an outlet that was not defined within the regulation as requiring testing and the results are above the action level, is there still a required reporting process for this outlet?

Although the posting of information regarding outlets not defined in Subpart 67-4 is not required, schools are encouraged to provide as much information as possible regarding lead testing in their schools on their website.

NEW

41. Will the Department be providing any suggested or required language to be included with the public notification for a lead action level exceedance?

Language for public notification as well as an example that schools can use is available in subsection 6.7 of the USEPA 3T's Guidance document. See: https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf
Additional resources will be posted on the Department's website when available.

NEW

42. Subpart 67-4 requires schools to notify staff and persons in parental relation to students, in writing, when an outlet exceeds the action level, no more than 10 days after the school receives the lab report. Does posting a notice on the school website or through social media count as written notification?

No. Posting on the school website or through social media does not count as written notification. Physical written notification must be distributed to all staff and persons in parental relation to the child, not just those that the school believes where exposed to a particular outlet.

NEW

43. How long do schools need to post testing results on their websites?

Schools should maintain the most recent lead testing results on their website.

Reporting Requirements to: the Department, Local Health Departments and the State Education Department

44. What are a school's general reporting requirements?

Schools must report using DOH's statewide electronic reporting system:

- As soon as practicable, but no later than November 11, 2016:
  - completion of all required first-draw sampling;

- a list of all buildings that are determined to have lead-free plumbing, as defined in section 1417 of the Federal Safe Drinking Water Act.
- for any outlets that were tested prior to September 6, 2016, and for which the school wishes to assert that such testing was in substantial compliance with Subpart 67-4, an attestation that:
  - the school conducted testing that substantially complied with the testing requirements, consistent with guidance issued by the DOH;
  - any needed remediation, including re-testing, has been performed;
  - the lead level in the potable water of the applicable building(s) is currently below the action level; and
  - the school has submitted a waiver request to the local health department, in accordance with the regulation; and

- As soon as practicable, but no more than 10 business days after the school received the laboratory reports, the school shall report data relating to test results to the Department, local health department, and State Education Department, through the Department's designated statewide electronic reporting system.

NEW

45. How does a school report their data in the Statewide Electronic Reporting System (SERS)?

Please view the Department and SED webinar/presentation on HERDS at: http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm.

For more information on obtaining access to Health Commerce System (HCS) log-in, call 1-866-529-1890 or contact your local school HCS coordinator.

NEW

46. For HERDS data base related questions:

Questions regarding access to HCS log-in – Direct the caller to CAMU at 1-866-529-1890 or their local school HCS coordinator.

If CAMU or the school's HCS coordinator could not provide the needed assistance – please submit questions to lead.in.school.drinking.water@health.ny.gov

If it is a survey related question that cannot be answered by the Q&A, contact your local health department – https://www.health.ny.gov/prevention/prevention_agenda/contact_list.htm

47. What are a school's recordkeeping requirements?

The school shall retain all records of test results, lead remediation plans, determinations that a building's plumbing is lead-free, and any waiver requests for ten years following the creation of such documentation. Copies of such documentation shall be immediately provided to the Department, local health department, or State Education Department upon request.

Waivers

NEW

48. What are the criteria the local and State Health Departments will use to issue a waiver for "substantial" compliance?

Waivers may be considered for:

- Prior to sampling, the water in the facility was motionless between 6 hours and 72 hours (rather than between 8 and 18).
- Sample volume less than 250 ml.

Waivers will not be considered for:

- Failure to sample all "outlets," as defined in the regulation.
- Any sample size greater than 250mL.
- Lab testing was not performed by an ELAP-certified testing lab.
- Any test results exceeding 15 micrograms per liter.
- Water had been used within the building less than 6 hours prior to sampling.

The Department will consider other circumstances on a case-by-case basis.

NEW

49. Are waivers available for testing performed after September 6, 2016?

No. Waivers are not available for samples collected after September 6, 2016.

50. What is the process for applying for a waiver? Is there a standard format that schools should be using?

To apply for a waiver, schools should first contact their local health department (LHD) to determine whether the sampling performed fully complies with Subpart 67-4. If it does fully comply, no waiver is required. Contact information for the LHD can be found at: http://health.ny.gov/environmental/water/drinking/doh_pub_contacts_map.htm

If a waiver is needed, the LHD will review the waiver request and, if approval is recommended, provide a recommendation to the Department. The LHD will advise the school as to whether the waiver request was approved or denied and the next steps required.

See the policy/procedure for applying for a waiver at: http://www.health.ny.gov/environmental/water/drinking/lead/docs/waiver_protocols_9-27-16.pdf

51. My school tested outlets prior to September 6, 2016. Are those results acceptable?

First-draw sampling conducted consistent with the requirements in Subpart 67-4 that occurred after January 1, 2015 will satisfy the initial first-draw sampling requirement.

If the sampling was conducted prior to September 6, 2016 and was not consistent with Subpart 67-4, but was in substantial compliance with the regulation, the school can apply for a waiver from the testing requirements in Subpart 67-4. More information about the waiver process will be forthcoming.

NEW

52. Are waivers granted for individual outlets?

No. Waivers will be granted for specific buildings. Waivers will not be granted for individual outlets, or for an entire district.

Lead in Schools and Lead and Copper Rule (LCR) for Public Water Systems (PWS)

53. What is the lead action level under the LCR for PWSs?

Under the federal LCR, the EPA also established an action level 15 mcg/L (micrograms per liter), which may also be expressed as 15 parts per billion (ppb), for lead in drinking water for public water supplies. The EPA's action level for the LCR, which as the same as DOH's action level under Subpart 67-4, serves as an indicator of the effectiveness of corrosion control treatment throughout the drinking water distribution system.

54. If my school has its own PWS and performs monitoring as part of the LCR, does the school need to do additional monitoring under Subpart 67-4?

Yes. Schools with their own PWS are required to comply with the requirements of the LCR as well as with Subpart 67-4, Lead Testing in School Drinking Water regulations.

55. If a school has its own PWS and took responsive actions after an exceedance of the action level under the LCR, is it still obligated to comply with Subpart 67-4?

Yes. The LCR and the NYS Lead in School Drinking Water regulations are two distinct and separate regulatory programs. Schools that are also designated as a PWS must also comply with Subpart 67-4.

NEW

56. Our school is a PWS and conducts Lead testing under the LCR. Should the school report LCR testing results when it submits reports to the Department Statewide Electronic Reporting System pursuant to Subpart 67-4?

No. The LCR is a separate program, and LCR results should be reported in the usual manner.

Remediation

NEW

57. Where can I find guidance on remediation strategies?

Information on remediation strategies can be found in the USEPA 3T's Guidance document. https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf

Note: The school is responsible for obtaining professional services to achieve remediation.

NEW

58. Schools have been informed by plumbing manufacturers that new outlets, even those that comply with the 2014 lead free fixture regulations, require flushing before use. Does the Department recommend flushing new outlets prior to use?

All remediated taps will require flushing prior to being placed back into service and only retesting will confirm the effectiveness of the flushing program. Since the actual installation event of replacement outlets can introduce lead particulates into the drinking water, as well as the fact that even new outlets meeting the new "lead-free" content requirements may still contain some lead, we recommend a period of flushing simulating normal use patterns prior to re-sampling. It is difficult to recommend a generic flushing regimen and time period for post-remediation re-testing for every school building and every scenario. How much flushing is required to achieve lead concentrations to be at or below the action level will need to be evaluated on a case by case basis due to various factors, including varying water chemistries and materials used in various

outlets. Please follow manufacturer/industry recommendations or consult with a professional (i.e. plumber, engineer, etc.). Flushing and re-testing may need to be repeated multiple times before the results meet the action level requirements. Re-testing should follow the Departments sampling protocol, including the 8 - 18 hour stagnation period prior to first-draw sampling.

NEW

59. Our plumbing outlet supplier told us that outdoor hose bibs are exempt from the 2014 lead free fixture regulation: Safe Drinking Water Act 1417 (a) (4). If these outlets are sampled and the results are above the action level and a lead free replacement does not exist, what does the Department recommend to rectify this issue?

If a lead free replacement fixture that meets the 2014 Safe Drinking Water Act 1417 (a) (4) definition of lead free is not available, the outlet should be secured (only opened with a special tool or key) and marked with signage as "non-potable."

Additional Information

60. Where can more information about lead be found?

More information about **lead** can be found on the Department's website at:
https://www.health.ny.gov/environmental/lead/education_materials/index.htm

Additional information regarding the "**Lead in School Drinking Water Program**" can be found on the Department's website at:
http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm The Department will update this website as more information becomes available.

If you have any additional questions, please contact your local health department. Contact information is available at:
http://health.ny.gov/environmental/water/drinking/doh_pub_contacts_map.htm