ELEMENT ENVIRONMENTAL
SOLUTIONS

August 16, 2024

Mr. Thomas Smith
Director of Facilities Services
Allentown School District
1301 Sumner Avenue
Allentown, PA 18102

RE: Annual Evaluation for Lead in Drinking Water (2024)
Allentown School District
File Number 1027.0138

Dear Mr. Smith:

Element Environmental Solutions, Inc. (E2S) was contracted by Allentown School District (ASD) to conduct their annual evaluation (2024) of drinking water systems for lead, in buildings located throughout the jurisdiction of ASD. Sampling was performed in the following buildings/locations: William Penn Alternative School, Harrison-Morton Middle School, Sheridan Elementary, Midway Manor Elementary (Newcomer Academy), Ritter Elementary, Louis E. Dieruff High School, Mosser Elementary, Washington Elementary, Brigadier General Anna Mae Hays Elementary, Jefferson Elementary, Roosevelt Elementary, Hiram Dodd Elementary, South Mountain Middle School, Lehigh Parkway Elementary, Building 21 High School, District Administration Center, Facilities/Maintenance, Central Elementary, Jackson Early Childhood Center, Ramos Elementary, Trexler Middle School, Muhlenberg Elementary, J. Birney Crum Stadium/Fieldhouse, Raub Middle School, William Allen High School, Union Terrace Elementary, and Lincoln Elementary (Elementary Newcomer Academy). **Note: Sampling was not performed at Cleveland Elementary and McKinley Elementary, as these buildings are closed and currently not being used for educational purposes, and/or no longer owned by ASD.**

E2S utilized the Environmental Protection Agency (EPA) – "Testing Schools and Child Care Centers for Lead in the Drinking Water" (1994) and "Lead in Drinking Water in Schools and Non-Residential Buildings" (1994), as guidance documents for all sampling of potable water as a source of drinking water and for the prioritization of sampling locations in each evaluated school or district building; based on potential use and risk. These EPA documents are provided as references on the EPA website, however, E2S also followed the basic sampling protocol as outlined in the EPA's guidance document "3T's for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance" – a more recently revised document (October 2018). Based on discussions with the district, a sampling plan was developed to provide the maximum amount of information on actual levels of lead present in the currently consumable potable water systems utilized for drinking water. Since the district is currently utilizing bottle fill stations as the main source of drinking water, drinking water samples were collected from all bottle fill stations located at each building (as applicable) instead of the previously sampled sinks and drinking fountains, similar to previous years. Samples were collected and forwarded to an experienced and qualified laboratory certified by the Pennsylvania Department of Environmental Protection (PA DEP) in the analysis of Lead in drinking water.

The development of district specific sampling programs and review of sampling results were performed and managed by David Bertsch, the E2S Operations Manager and a PA licensed and EPA Certified Lead Risk Assessor with assistance, and additional technical oversite and supervision by Robert Pfromm, CIH, E2S Technical Manager with over 20 years of experience in environmental analysis of potable water as an analyst, field sampler, supervisor and lab manager and over 30 years as a Certified Industrial Hygienist, with experience in sampling and evaluating heavy metals such as lead. Drinking water sample collection was performed by the following E2S staff: Messrs. David Bertsch, Daniel Gensemer, and Nick Spangler.

E2S used the following guidance summary to plan sampling and evaluate results, with the above-mentioned modifications based on drinking source usage:

Guidance Summary

- First draw samples were obtained at all functional bottle fill stations located at each building, following the list of bottle fill stations that were sampled in 2023, and any additional bottle fill stations visibly noted but not listed on the previous sampling spreadsheet (as applicable).
- E2S followed the basic sampling protocol as outlined in the EPA's guidance document "3T's for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance" (October 2018 Revision). The initial or "first draw" samples were be obtained in the window of 8 to 18 hours of non-water use at that sampling outlet (see individual sampling times).
- EPA recommends that **schools** collect **250 mL** first-draw samples from drinking water sources and other consumable water outlets. EPA recommends outlets be temporarily taken out of service if the lead level **exceeds 15 ppb** (**EPA action level for schools**), until follow-up sampling or response actions be implemented, and the lead levels are determined to be at or less than the action level. The sample size was designed to identify specific fountains and faucets that required remediation. The school sampling protocol maximizes the likelihood that the highest concentrations of lead are found. The first 250 mL (First Draw) are analyzed for lead levels after water has sat in plumbing overnight (8 to 18 hours).

Sampling Summary

July 31, 2024 (Initial Testing)

On Wednesday, July 31, 2024, E2S representatives, Mr. David Bertsch, Mr. Daniel Gensemer, and Mr. Nick Spangler collected representative samples from buildings across the district, as detailed above. E2S was assisted and directed by ASD maintenance personnel regarding building access, access to sampling locations, etc. All water samples were delivered to a PA DEP certified drinking water lab (M.J. Reider Associates, Inc.), for analysis by EPA 200.8, Rev 5.4 Method. Sampling information and results for specific locations, per building, are included in the attached **Table 1 – Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 – Allentown School District,** along with corresponding laboratory analytical reports from M.J. Reider.

The Laboratory Analytical Results for the samples collected on 7/31/2024 indicated the following:

All one hundred thirteen (113) drinking water samples collected on 7/31/2024, and analyzed via EPA 200.8, Rev 5.4 Method, indicated results of lead in drinking water below the EPA Action Level of 15 ppb of lead. Note: The lab reports indicate results in milligrams per liter (mg/l), which is equivalent to parts per million (ppm). The action level of 15 ppb is equivalent to 0.015 mg/l, or ppm.

Conclusions and Recommendations

Based on the initial testing results from 7/31/2024, all buildings sampled within the jurisdiction of ASD are in compliance with EPA drinking water standards. E2S does not recommend additional sampling at these locations, at this time. The district should continue to diligently maintain the plumbing systems at these locations to ensure lead levels continue to remain below the EPA Action Level.

As required by recent Pennsylvania Department of Education (PDE) regulations, we recommend the District establish a periodic sampling plan (to be scheduled annually) of potable water systems, as due diligence. If requested, E2S can assist the District with the periodic sampling plan as we have done in the past, on an annual basis. Next year's water sampling would be due in or around July/August 2025.

Thank you for the opportunity to present Element Environmental Solutions (E2S) as a partner in your environmental management efforts. Should you have questions or require additional information, please contact me.

Sincerely,
E2S, Inc.

David C. Bertsch
Operations Manager, IAQ

Table 1 – Analytical Results Summary for Initial Samples Collected July 31, 2024

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
William Penn	01-WP-7/31-WC	Bottle Fill Station - First Floor by Boy's/Girl's Gang Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Penn	02-WP-7/31-WC	Bottle Fill Station - First Floor by Café (Room 107)	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Penn	03-WP-7/31-WC	Bottle Fill Station - Second Floor @ Room 210	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Penn	04-WP-7/31-WC	Bottle Fill Station - Second Floor by Boy's/Girl's Gang Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Harrison-Morton MS	01-HM-7/31-WC	Bottle Fill Station - First Floor by Room 101	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Harrison-Morton MS	02-HM-7/31-WC	Bottle Fill Station - Third Floor by Room 312	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Harrison-Morton MS	03-HM-7/31-WC	Bottle Fill Station - Second Floor by Room 206	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Harrison-Morton MS	04-HM-7/31-WC	Bottle Fill Station - Second Floor by Room 211	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Sheridan ES	01-SH-7/31-WC	Bottle Fill Station - Ground Floor o/s Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Sheridan ES	02-SH-7/31-WC	Bottle Fill Station - First Floor o/s Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Sheridan ES	03-SH-7/31-WC	Bottle Fill Station - Second Floor o/s Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Sheridan ES	04-SH-7/31-WC	Bottle Fill Station - Third Floor o/s Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Newcomer Academy (formerly Midway Manor ES)	01-MM-7/31-WC	Bottle Fill Station - Hallway o/s Main Office	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ritter ES	01-RI-7/31-WC	Bottle Fill Station - First Floor by Boy's Bathroom/Library	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ritter ES	02-RI-7/31-WC	Bottle Fill Station - First Floor by Girl's Bathroom/103	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	01-DF-7/31-WC	Bottle Fill Station - First Floor between Room A-1	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	02-DF-7/31-WC	Bottle Fill Station - First Floor next to A-8	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	03-DF-7/31-WC	Bottle Fill Station - First Floor next to G146 Wrestling	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	04-DF-7/31-WC	Bottle Fill Station - Lower B-Wing Across from Library	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required

E2S Project No. 1027.0138

8/14/2024

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
Dieruff HS	05-DF-7/31-WC	Bottle Fill Station - Second Floor next to E-205 (Learning Dome)	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	06-DF-7/31-WC	Bottle Fill Station - First Floor Gym Lobby at Gang Bathrooms	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	07-DF-7/31-WC	Bottle Fill Station - Second Floor near 9th Grade Café, across from A-22	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dieruff HS	08-DF-7/31-WC	Bottle Fill Station - Second Floor next to A-15	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Dieruff HS~~	~~09-DF-7/31-WC~~	~~Bottle Fill Station - Boy's Pool Locker Room (B-220)~~ **NO SAMPLE**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Mosser ES	01-MO-7/31-WC	Bottle Fill Station - Second Floor across from 204	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	02-MO-7/31-WC	Bottle Fill Station - Second Floor by Boy's/Girl's Gang Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	03-MO-7/31-WC	Bottle Fill Station - Second Floor across from 202	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	04-MO-7/31-WC	Bottle Fill Station - Third Floor across from 302	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	05-MO-7/31-WC	Bottle Fill Station - Third Floor across from 307	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	06-MO-7/31-WC	Bottle Fill Station - Third Floor by Boy's/Girl's Gang Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	07-MO-7/31-WC	Bottle Fill Station - First Floor next to 105	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	08-MO-7/31-WC	Bottle Fill Station - First Floor by Boy's/Girl's Gang Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Mosser ES	09-MO-7/31-WC	Bottle Fill Station - First Floor across from 101	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Washington ES	01-WAS-7/31-WC	Bottle Fill Station - Second Floor next to Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Washington ES	02-WAS-7/31-WC	Bottle Fill Station - Third Floor next to Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Washington ES	03-WAS-7/31-WC	Bottle Fill Station - First Floor next to Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Anna Mae Hays ES~~	~~01-HAY-7/31-WC~~	~~Bottle Fill Station - Third Floor Gang Bathrooms @ Library~~ **NO SAMPLE**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Anna Mae Hays ES	02-HAY-7/31-WC	Bottle Fill Station - First Floor Gang Bathrooms @ 126A Cust. Closet	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Anna Mae Hays ES	03-HAY-7/31-WC	Bottle Fill Station - First Floor Gang Bathrooms @ 158 Cust. Closet	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Anna Mae Hays ES	04-HAY-7/31-WC	Bottle Fill Station - Second Floor Gang Bathrooms @ 226A Cust. Closet	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
Jefferson ES	01-JES-7/31-WC	Bottle Filler - Basement next to 10	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Jefferson ES	02-JES-7/31-WC	Bottle Filler - 1st Floor in Main Lobby	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Jefferson ES	03-JES-7/31-WC	Bottle Filler - 2nd Floor above Main Lobby	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Roosevelt ES	01-RES-7/31-WC	Bottle Filler - 1st Floor at Gym	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Roosevelt ES	02-RES-7/31-WC	Bottle Filler - 1st Floor between 112 and 115	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Roosevelt ES	03-RES-7/31-WC	Bottle Filler - 1st Floor at 105	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Roosevelt ES	04-RES-7/31-WC	Bottler Filler - 2nd Floor beginning of old section	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dood ES	01-DES-7/31-WC	Bottle Filler - Basement below Main Entrance	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Dood ES	02-DES-7/31-WC	Bottle Filler - 1st Floor at Entrance	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	01-SM-7/31-WC	Bottle Filler - 1st Floor at Office	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	02-SM-7/31-WC	Bottle Filler - 1st Floor at 102	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	03-SM-7/31-WC	Bottle Filler - 1st Floor next to 104	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	04-SM-7/31-WC	Bottle Filler - 1st Floor outside Gym	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	05-SM-7/31-WC	Bottle Filler - 1st Floor in Cafeteria	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	06-SM-7/31-WC	Bottle Filler - 1st Floor at Library	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	07-SM-7/31-WC	Bottle Filler - 2nd Floor at 205B	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
South Mountain MS	08-SM-7/31-WC	Bottle Filler - 2nd Floor at 250	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Lehigh Parkway ES	01-LP-7/31-WC	Bottle Filler - At Room 5	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Lehigh Parkway ES~~	~~02-LP-7/31-WC~~	~~Bottle Filler - At Room 8~~ **(No Sample - Turned Off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~

E2S Project No. 1027.0138

8/14/2024

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
Building 21	01-B21-7/31-WC	Bottle Filler - 1st Floor in Lobby	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Building 21	02-B21-7/31-WC	Bottle Filler - 1st Floor at 113 (Right)	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Building 21	03-B21-7/31-WC	Bottle Filler - 1st Floor in Cafeteria (Left)	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Building 21	04-B21-7/31-WC	Bottle Filler - 1st Floor in Cafeteria (Right)	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Administration Center	01-AC-7/31-WC	Bottle Fill Station - First Floor New Side, Between Bathrooms	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Facilities/Maintenance	01-FMS-7/31-WC	Bottle Filler - In Maintenance Lunch Room	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Central ES	01-CENT-7/31-WC	Bottle Filler - 1st Floor by Cafeteria/Stairwell 2	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Central ES	02-CENT-7/31-WC	Bottle Filler - 2nd Floor by Boys' Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Central ES~~	~~03-CENT-7/31-WC~~	~~Bottle Filler - 3rd Floor outside Elevator~~ **(No Sample - Turned off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Central ES	04-CENT-7/31-WC	Bottle Filler - Basement at Door 5	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Jackson Early Childhood Center (formerly Jackson ES)	01-JAC-7/31-WC	Bottle Filler - 1st Floor across from Room 104	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Jackson Early Childhood Center (formerly Jackson ES)	02-JAC-7/31-WC	Bottle Filler - 2nd Floor at Room 201	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Jackson Early Childhood Center (formerly Jackson ES)	03-JAC-7/31-WC	Bottle Filler - Basement at Cafeteria	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	01-RAM-7/31-WC	Bottle Filler - Gymnasium/Cafeteria Right Side	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	02-RAM-7/31-WC	Bottle Filler - 1st Floor Bathrooms by Main Office	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	03-RAM-7/31-WC	Bottle Filler - 2nd Floor Middle of Building	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	04-RAM-7/31-WC	Bottle Filler - 3rd Floor Middle of Building	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	05-RAM-7/31-WC	Bottle Filler - 1st Floor Bathrooms by Room 109A	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
Ramos ES	06-RAM-7/31-WC	Bottle Filler - Gymnasium/Cafeteria Left Side	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	07-RAM-7/31-WC	Bottle Filler - 2nd Floor Bathrooms on 14th Street Side	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Ramos ES	08-RAM-7/31-WC	Bottle Filler - 3rd Floor Bathrooms on 14th Street Side	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Trexler MS	01-TREX-7/31-WC	Bottle Filler - Inside Cafeteria	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Trexler MS	02-TREX-7/31-WC	Bottle Filler - Outside Auditorium in Lobby	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Trexler MS	03-TREX-7/31-WC	Bottle Filler - 1st Floor by Library	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Trexler MS~~	~~04-TREX-7/31-WC~~	~~Bottle Filler - 2nd Floor by Room 250~~ **(No Sample - Turned off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
~~Trexler MS~~	~~05-TREX-7/31-WC~~	~~Bottle Filler - Boys' Locker Room~~ **(No Sample - Turned off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
~~Muhlenberg ES~~	~~01-MUHL-7/31-WC~~	~~Bottle Filler - Old Section 1st Floor by Girls' Bathroom~~ **(No Sample - off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Muhlenberg ES	02-MUHL-7/31-WC	Bottle Filler - Old Section 2nd Floor by Girls' Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Muhlenberg ES	03-MUHL-7/31-WC	Bottle Filler - Old Section 1st Floor by Boys' Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
J.B. Crum Stadium/Fieldhouse	01-JB-7/31-WC	Boy's Locker Room	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
J.B. Crum Stadium/Fieldhouse	02-JB-7/31-WC	Girl's Locker Room	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Raub MS	01-RMS-7/31-WC	Bottle Filler - 1st Floor at Health and Guidance	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Raub MS~~	~~02-RMS-7/31-WC~~	~~Bottle Filler - 1st Floor next to Room 114~~ **(No sample - Turned Off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Raub MS	03-RMS-7/31-WC	Bottle Filler - 2nd Floor at 212	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Raub MS	04-RMS-7/31-WC	Bottle Filler - 2nd Floor at 203	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	01-ALLEN-7/31-WC	Bottle Filler - Phys Ed Basement Pool Area	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	02-ALLEN-7/31-WC	Bottle Filler - Phys Ed 1st Floor Pool Area	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required

E2S Project No. 1027.0138

8/14/2024

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
William Allen HS	03-ALLEN-7/31-WC	Bottle Filler - Main Basement at Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	04-ALLEN-7/31-WC	Bottle Filler - Main 1st Floor outside Main Office	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	05-ALLEN-7/31-WC	Bottle Filler - Main 2nd Floor at Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	06-ALLEN-7/31-WC	Bottle Filler - Main 3rd Floor at Elevator	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	07-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 3rd Floor next to Room 8-307A	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	08-ALLEN-7/31-WC	Bottle Filler - Linden 2nd Floor by Room 4-202	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	09-ALLEN-7/31-WC	Bottle Filler - Linden Basement by Room 4-009	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	10-ALLEN-7/31-WC	Bottle Filler - Annex 1st Floor next to Room 2-101	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	11-ALLEN-7/31-WC	Bottle Filler - Annex 3rd Floor next to Room 2-307	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	12-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 2nd Floor next to Room 8-208A	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	13-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 2nd Floor next to Room 8-229A	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	14-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 1st Floor next to Room 8-117	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	15-ALLEN-7/31-WC	Bottle Filler - Main 3rd Floor next to Room 1-303	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	16-ALLEN-7/31-WC	Bottle Filler - Main 3rd Floor next to Room 1-308	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	17-ALLEN-7/31-WC	Bottle Filler - Main 2nd Floor across from Room 1-203	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	18-ALLEN-7/31-WC	Bottle Filler - Main 2nd Floor next to Room 1-212	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	19-ALLEN-7/31-WC	Bottle Filler - Main 1st Floor next to Room 1-111	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	20-ALLEN-7/31-WC	Bottle Filler - Main 1st Floor next to Room 1-115	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	21-ALLEN-7/31-WC	Bottle Filler - Main Basement across from Room 1-003	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
William Allen HS	22-ALLEN-7/31-WC	Bottle Filler - Main Basement Main Cafeteria	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~William Allen HS~~	~~23-ALLEN-7/31-WC~~	~~Bottle Filler - Main Basement next to Annex Kitchen~~ **(No Sample - off)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Union Terrace ES	01-UT-7/31-WC	Bottle Filler - Basement by Bathrooms	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Union Terrace ES	02-UT-7/31-WC	Bottle Filler - 1st Floor by Nurse	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required

E2S Project No. 1027.0138

8/14/2024

Table 1 - Lead in Drinking Water Sampling - Analytical Results Summary for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Sample Type	Analysis Result	EPA Action Level	Summary/Action Required
Union Terrace ES	03-UT-7/31-WC	Bottle Filler - 1st Floor at 128	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
~~Union Terrace ES~~	~~04-UT-7/31-WC~~	~~Bottle Filler - 1st Floor by 107~~ **(Fountain Not On - No sample)**	~~First Draw Lead~~	**N/A**	~~0.015 mg/l~~	~~Below EPA Action Level; No Action Required~~
Elementary Newcomer Academy (formerly Lincoln ES)	01-LES-7/31-WC	Bottle Filler - In Cafeteria	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required
Elementary Newcomer Academy (formerly Lincoln ES)	02-LES-7/31-WC	Bottle Filler - 2nd Floor outside Boy's Bathroom	First Draw Lead	<0.001 mg/l	0.015 mg/l	Below EPA Action Level; No Action Required

E2S Project No. 1027.0138
8/14/2024

Laboratory Analytical Reports – M.J. Reider Associates

Lead in Drinking Water Analysis (First Draw)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433595
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433595-01 **Collected By:** Client **Sampled:** 07/31/24 10:20 **Received:** 08/01/24 12:44
Sample Desc: 01-WP-7/31-WC- Bottle Fill Station - First Floor by Boy's/Girl's Gang Bathroom- First Draw Lead **Sample Type:** Grab
Add'l Info: William Penn - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433595-02 **Collected By:** Client **Sampled:** 07/31/24 10:22 **Received:** 08/01/24 12:44
Sample Desc: 02-WP-7/31-WC- Bottle Fill Station - First Floor by Café (Room 107) - First Draw Lead **Sample Type:** Grab
Add'l Info: William Penn - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433595-03 **Collected By:** Client **Sampled:** 07/31/24 10:24 **Received:** 08/01/24 12:44
Sample Desc: 03-WP-7/31-WC- Bottle Fill Station - Second Floor @ Room 210 - First Draw Lead **Sample Type:** Grab
Add'l Info: William Penn - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

M.J. Reider Associates, Inc.

Lab ID: 2433595-04 **Collected By:** Client **Sampled:** 07/31/24 10:25 **Received:** 08/01/24 12:44

Sample Desc: 04-WP-7/31-WC- Bottle Fill Station - Second Floor by Boy's/Girl's Gang Bathroom - First Draw Lead **Sample Type:** Grab

Add'l Info: William Penn - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433595 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

N ICE
Please see form

Turnaround Time
- [X] Standard 10-Day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: IAQ@ezs.us | Phone: 717-484-5111

Matrix Codes	Container Codes		Preservative Codes
WW = Waste Water	Size	Type	N = HNO3 T= Na2S2O3
DW = Drinking Water	L = Liter	(P) = Plastic	S = H2SO4 E = EDTA
GW = Ground Water	500 = 500mL	G = Glass	C = HCL Z = Zinc Acetate
ST = Storm Water	(250) = 250mL	V = VOA Vial	P = H3PO4 L = NH4CL
S = Soil/Solid	120 = 120mL	S = Sterile	H = NaOH A = Asc. Acid
O = Other	40 = 40mL	O = Other	R = NaAsO2 O = Other

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N						
		7-31-24	*	W	X		(13)							
	* See attached spreadsheets for sample info for each Bldg *													

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	08.01	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
				08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: ___

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becomes necessary.

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
William Penn	01-WP-7/31-WC	Bottle Fill Station - First Floor by Boy's/Girl's Gang Bathroom	7/31/2024	10:20 AM	First Draw Lead	01-
William Penn	02-WP-7/31-WC	Bottle Fill Station - First Floor by Café (Room 107)	7/31/2024	10:22 AM	First Draw Lead	02-
William Penn	03-WP-7/31-WC	Bottle Fill Station - Second Floor @ Room 210	7/31/2024	10:24 AM	First Draw Lead	03-
William Penn	04-WP-7/31-WC	Bottle Fill Station - Second Floor by Boy's/Girl's Gang Bathroom	7/31/2024	10:25 AM	First Draw Lead	04-

2433595

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433594
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433594-01 **Collected By:** Client **Sampled:** 07/31/24 09:55 **Received:** 08/01/24 12:44
Sample Desc: 01-HM-7/31-WC- Bottle Fill Station - First Floor by Room 101 - First Draw Lead **Sample Type:** Grab
Add'l Info: Harrison-Morton MS- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433594-02 **Collected By:** Client **Sampled:** 07/31/24 09:48 **Received:** 08/01/24 12:44
Sample Desc: 02-HM-7/31-WC- Bottle Fill Station - Third Floor by Room 312- First Draw Lead **Sample Type:** Grab
Add'l Info: Harrison-Morton MS- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433594-03 **Collected By:** Client **Sampled:** 07/31/24 09:52 **Received:** 08/01/24 12:44
Sample Desc: 03-HM-7/31-WC- Bottle Fill Station - Second Floor by Room 206 - First Draw Lead **Sample Type:** Grab
Add'l Info: Harrison-Morton MS- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.

Lab ID: 2433594-04 **Collected By:** Client **Sampled:** 07/31/24 09:50 **Received:** 08/01/24 12:44

Sample Desc: 04-HM-7/31-WC- Bottle Fill Station - Second Floor by Room 211 - First Draw Lead **Sample Type:** Grab

Add'l Info: Harrison-Morton MS- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433594 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*San

:E see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: IAQ@e2s.us | Phone: 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___
Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes: WW = Waste Water; DW = Drinking Water; GW = Ground Water; ST = Storm Water; S = Soil/Solid; O = Other

Container Codes: Size: L = Liter; 500 = 500mL; (250) = 250mL; 120 = 120mL; 40 = 40mL. Type: (P) = Plastic; G = Glass; V = VOA Vial; S = Sterile; O = Other

Preservative Codes: (N) = HNO3; T = Na2S2O3; S = H2SO4; E = EDTA; C = HCL; Z = Zinc Acetate; P = H3PO4; L = NH4CL; H = NaOH; A = Asc. Acid; R = NaAsO2; O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch, Nick Spangler, Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N	Analyses Requested
		7-31-24	*	DW	X		113		Lead in Drinking Water - EPA
	* See attached Spreadsheets for * Sample info for each Bldg								

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
* Mike Snyder	08.01	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: Jamie Eyink	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: [illegible]

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becomes necessary.

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Harrison-Morton MS	01-HM-7/31-WC	Bottle Fill Station - First Floor by Room 101	7/31/2024	9:55 AM	First Draw Lead	01-
Harrison-Morton MS	02-HM-7/31-WC	Bottle Fill Station - Third Floor by Room 312	7/31/2024	9:48 AM	First Draw Lead	02-
Harrison-Morton MS	03-HM-7/31-WC	Bottle Fill Station - Second Floor by Room 206	7/31/2024	9:52 AM	First Draw Lead	03-
Harrison-Morton MS	04-HM-7/31-WC	Bottle Fill Station - Second Floor by Room 211	7/31/2024	9:50 AM	First Draw Lead	04-

2433594

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433593
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433593-01 **Collected By:** Client **Sampled:** 07/31/24 10:02 **Received:** 08/01/24 12:44
Sample Desc: 01-SH-7/31-WC -Bottle Fill Station - Ground Floor o/s Elevator- First Draw Lead **Sample Type:** Grab
Add'l Info: Sheridan ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433593-02 **Collected By:** Client **Sampled:** 07/31/24 10:04 **Received:** 08/01/24 12:44
Sample Desc: 02-SH-7/31-WC-Bottle Fill Station - First Floor o/s Elevator- First Draw Lead **Sample Type:** Grab
Add'l Info: Sheridan ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433593-03 **Collected By:** Client **Sampled:** 07/31/24 10:06 **Received:** 08/01/24 12:44
Sample Desc: 03-SH-7/31-WC- Bottle Fill Station - Second Floor o/s Elevator 03-SH-7/31-WC- Bottle Fill Station - Second Floor o/s Elevator- First Draw Lead **Sample Type:** Grab
Add'l Info: Sheridan ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

M.J. Reider Associates, Inc.

Lab ID: 2433593-04 **Collected By:** Client **Sampled:** 07/31/24 10:08 **Received:** 08/01/24 12:44

Sample Desc: 04-SH-7/31-WC- Bottle Fill Station - Third Floor o/s Elevator- First Draw Lead **Sample Type:** Grab

Add'l Info: Sheridan ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433593 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

J ICE

ease see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: IAQ@e2s.us | Phone: 717-484-5111

Matrix Codes	Container Codes		Preservative Codes
	Size	Type	
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3 T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4 E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4 L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH A = Asc. Acid
O = Other			R = NaAsO2 O = Other

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Genseimer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N						
		7-31-24	*	W	X		(13)							

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	7.31.24	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
				08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEG
Entered By: [illegible]

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection become

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Sheridan ES	01-SH-7/31-WC	Bottle Fill Station - Ground Floor o/s Elevator	7/31/2024	10:02 AM	First Draw Lead	01-
Sheridan ES	02-SH-7/31-WC	Bottle Fill Station - First Floor o/s Elevator	7/31/2024	10:04 AM	First Draw Lead	02-
Sheridan ES	03-SH-7/31-WC	Bottle Fill Station - Second Floor o/s Elevator	7/31/2024	10:06 AM	First Draw Lead	03-
Sheridan ES	04-SH-7/31-WC	Bottle Fill Station - Third Floor o/s Elevator	7/31/2024	10:08 AM	First Draw Lead	04-

2433593

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433592
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433592-01 **Collected By:** Client **Sampled:** 07/31/24 08:04 **Received:** 08/01/24 12:44
Sample Desc: 01-MM-7/31-WC- Bottle Fill Station - Hallway o/s Main Office - First Draw Lead **Sample Type:** Grab
Add'l Info: Midway Manor ES (Newcomer) - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433592 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

IN ICE
Please see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: ElementEW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@ezs.us
Phone: 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___
Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Genseimer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N	Analyses Requested
		7-31-24	*	W	X		(13)		Lead in Drinking Water - EPA
	* See attached spreadsheets for sample info for each bldg *								

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	8.01.24	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date: 08/01/2024	Time: 1744

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: 18

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection become

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Midway Manor ES (Newcomer)	01-MM-7/31-WC	Bottle Fill Station - Hallway o/s Main Office	7/31/2024	8:04 AM	First Draw Lead	01-

2433592

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433591
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433591-01 **Collected By:** Client **Sampled:** 07/31/24 08:16 **Received:** 08/01/24 12:44
Sample Desc: 01-RI-7/31-WC- Bottle Fill Station - First Floor by Boy's Bathroom/Library - First Draw Lead **Sample Type:** Grab
Add'l Info: Ritter ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433591-02 **Collected By:** Client **Sampled:** 07/31/24 08:18 **Received:** 08/01/24 12:44
Sample Desc: 02-RI-7/31-WC- Bottle Fill Station - First Floor by Girl's Bathroom/103- First Draw Lead **Sample Type:** Grab
Add'l Info: Ritter ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Sam

2433591 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

E

ee form

Turnaround Time

- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: ElementEW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: DAQ@ezs.us | Phone: 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N
		7-31-24	*	DW	X		(13)			

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	08.01	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
				08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: ___

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Ritter ES	01-RI-7/31-WC	Bottle Fill Station - First Floor by Boy's Bathroom/Library	7/31/2024	8:16 AM	First Draw Lead	01-
Ritter ES	02-RI-7/31-WC	Bottle Fill Station - First Floor by Girl's Bathroom/103	7/31/2024	8:18 AM	First Draw Lead	02-

2433591

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433590
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433590-01 **Collected By:** Client **Sampled:** 07/31/24 08:30 **Received:** 08/01/24 12:44
Sample Desc: 01-DF-7/31-WC- Bottle Fill Station - First Floor between Room A-1- First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433590-02 **Collected By:** Client **Sampled:** 07/31/24 08:32 **Received:** 08/01/24 12:44
Sample Desc: 02-DF-7/31-WC- Bottle Fill Station - First Floor next to A-8- First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433590-03 **Collected By:** Client **Sampled:** 07/31/24 08:34 **Received:** 08/01/24 12:44
Sample Desc: 03-DF-7/31-WC- Bottle Fill Station - First Floor next to G146 Wrestling- First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433590-04 **Collected By:** Client **Sampled:** 07/31/24 08:56 **Received:** 08/01/24 12:44
Sample Desc: 04-DF-7/31-WC- Bottle Fill Station - Lower B-Wing Across from Library- First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433590-05 **Collected By:** Client **Sampled:** 07/31/24 08:40 **Received:** 08/01/24 12:44
Sample Desc: 05-DF-7/31-WC- Bottle Fill Station - Second Floor next to E-205 (Learning Dome)- First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433590-06 **Collected By:** Client **Sampled:** 07/31/24 08:43 **Received:** 08/01/24 12:44
Sample Desc: 06-DF-7/31-WC- Bottle Fill Station - First Floor Gym Lobby at Gang Bathrooms- First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433590-07 **Collected By:** Client **Sampled:** 07/31/24 08:46 **Received:** 08/01/24 12:44
Sample Desc: 07-DF-7/31-WC- Bottle Fill Station - Second Floor near 9th Grade Café, across from A-22 - First Draw Lead **Sample Type:** Grab
Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.

Lab ID: 2433590-08 **Collected By:** Client **Sampled:** 07/31/24 08:49 **Received:** 08/01/24 12:44

Sample Desc: 08-DF-7/31-WC- Bottle Fill Station - Second Floor next to A-15- First Draw Lead **Sample Type:** Grab

Add'l Info: Dieruff HS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

107 Angelica Street ❍ Reading, PA 19611 ❍ www.mjreider.com ❍ (610) 374-5129 ❍ fax (610) 374-7234

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Samp

2433590 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

e form

Turnaround Time
- X Standard 10-day
- RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: IAQ@ezs.us | Phone: 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes: WW = Waste Water; DW = Drinking Water; GW = Ground Water; ST = Storm Water; S = Soil/Solid; O = Other

Container Codes

Size	Type
L = Liter	(P) Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes: (N) = HNO3; T= Na2S2O3; S = H2SO4; E = EDTA; C = HCL; Z = Zinc Acetate; P = H3PO4; L = NH4CL; H = NaOH; A = Asc. Acid; R = NaAsO2; O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N							
		7-31-24	*	DW	X		(13)										

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Mike Snyder	8/1/24	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: Lauren Lynch	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Dieruff HS	01-DF-7/31-WC	Bottle Fill Station - First Floor between Room A-1	7/31/2024	8:30 AM	First Draw Lead	01-
Dieruff HS	02-DF-7/31-WC	Bottle Fill Station - First Floor next to A-8	7/31/2024	8:32 AM	First Draw Lead	02-
Dieruff HS	03-DF-7/31-WC	Bottle Fill Station - First Floor next to G146 Wrestling	7/31/2024	8:34 AM	First Draw Lead	03-
Dieruff HS	04-DF-7/31-WC	Bottle Fill Station - Lower B-Wing Across from Library	7/31/2024	8:56 AM	First Draw Lead	04-
Dieruff HS	05-DF-7/31-WC	Bottle Fill Station - Second Floor next to E-205 (Learning Dome)	7/31/2024	8:40 AM	First Draw Lead	05-
Dieruff HS	06-DF-7/31-WC	Bottle Fill Station - First Floor Gym Lobby at Gang Bathrooms	7/31/2024	8:43 AM	First Draw Lead	06-
Dieruff HS	07-DF-7/31-WC	Bottle Fill Station - Second Floor near 9th Grade Café, across from A-22	7/31/2024	8:46 AM	First Draw Lead	07-
Dieruff HS	08-DF-7/31-WC	Bottle Fill Station - Second Floor next to A-15	7/31/2024	8:49 AM	First Draw Lead	08-
~~Dieruff HS~~	~~09-DF-7/31-WC~~	~~Bottle Fill Station - Boy's Pool Locker Room (B-220)~~ NO SAMPLE	~~7/31/2024~~	~~N/A~~	~~First Draw Lead~~	

2433590

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433587
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433587-01 **Collected By:** Client **Sampled:** 07/31/24 09:17 **Received:** 08/01/24 12:44
Sample Desc: 01-MO-7/31-WC- Bottle Fill Station - Second Floor across from 204- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433587-02 **Collected By:** Client **Sampled:** 07/31/24 09:18 **Received:** 08/01/24 12:44
Sample Desc: 02-MO-7/31-WC- Bottle Fill Station - Second Floor by Boy's/Girl's Gang Bathroom- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433587-03 **Collected By:** Client **Sampled:** 07/31/24 09:15 **Received:** 08/01/24 12:44
Sample Desc: 03-MO-7/31-WC- Bottle Fill Station - Second Floor across from 202 - First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433587-04 **Collected By:** Client **Sampled:** 07/31/24 09:24 **Received:** 08/01/24 12:44
Sample Desc: 04-MO-7/31-WC- Bottle Fill Station - Third Floor across from 302- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433587-05 **Collected By:** Client **Sampled:** 07/31/24 09:22 **Received:** 08/01/24 12:44
Sample Desc: 05-MO-7/31-WC- Bottle Fill Station - Third Floor across from 307- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433587-06 **Collected By:** Client **Sampled:** 07/31/24 09:20 **Received:** 08/01/24 12:44
Sample Desc: 06-MO-7/31-WC- Bottle Fill Station - Third Floor by Boy's/Girl's Gang Bathroom- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433587-07 **Collected By:** Client **Sampled:** 07/31/24 09:28 **Received:** 08/01/24 12:44
Sample Desc: 07-MO-7/31-WC- Bottle Fill Station - First Floor next to 105 - First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

M.J. Reider Associates, Inc.

Lab ID: 2433587-08 **Collected By:** Client **Sampled:** 07/31/24 09:30 **Received:** 08/01/24 12:44
Sample Desc: 08-MO-7/31-WC- Bottle Fill Station - First Floor by Boy's/Girl's Gang Bathroom- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433587-09 **Collected By:** Client **Sampled:** 07/31/24 09:26 **Received:** 08/01/24 12:44
Sample Desc: 09-MO-7/31-WC- Bottle Fill Station - First Floor across from 101- First Draw Lead **Sample Type:** Grab
Add'l Info: Mosser ES- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433587 PM: RAQ
Element Environmental Solutions
10-Day TAT Lead in Drinking Water

ON ICE
n. Please see form
m.

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: DAQ@ezs.us
Phone: 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___
Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250							
		7-31-24	*	W	X		(11)	P							
								N							

Lead in Drinking Water / -EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	7.31.24	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
				08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By:

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection become

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Mosser ES	01-MO-7/31-WC	Bottle Fill Station - Second Floor across from 204	7/31/2024	9:17 AM	First Draw Lead	01-
Mosser ES	02-MO-7/31-WC	Bottle Fill Station - Second Floor by Boy's/Girl's Gang Bathroom	7/31/2024	9:18 AM	First Draw Lead	02-
Mosser ES	03-MO-7/31-WC	Bottle Fill Station - Second Floor across from 202	7/31/2024	9:15 AM	First Draw Lead	03-
Mosser ES	04-MO-7/31-WC	Bottle Fill Station - Third Floor across from 302	7/31/2024	9:24 AM	First Draw Lead	04-
Mosser ES	05-MO-7/31-WC	Bottle Fill Station - Third Floor across from 307	7/31/2024	9:22 AM	First Draw Lead	05-
Mosser ES	06-MO-7/31-WC	Bottle Fill Station - Third Floor by Boy's/Girl's Gang Bathroom	7/31/2024	9:20 AM	First Draw Lead	06-
Mosser ES	07-MO-7/31-WC	Bottle Fill Station - First Floor next to 105	7/31/2024	9:28 AM	First Draw Lead	07-
Mosser ES	08-MO-7/31-WC	Bottle Fill Station - First Floor by Boy's/Girl's Gang Bathroom	7/31/2024	9:30 AM	First Draw Lead	08-
Mosser ES	09-MO-7/31-WC	Bottle Fill Station - First Floor across from 101	7/31/2024	9:26 AM	First Draw Lead	09-

2433587

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433682
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433682-01 **Collected By:** Client **Sampled:** 07/31/24 10:44 **Received:** 08/01/24 12:44
Sample Desc: 01-WAS-7/31-WC- Bottle Fill Station - Second Floor next to Elevator- First Draw Lead **Sample Type:** Grab
Add'l Info: Washington ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433682-02 **Collected By:** Client **Sampled:** 07/31/24 10:42 **Received:** 08/01/24 12:44
Sample Desc: 02-WAS-7/31-WC- Bottle Fill Station - Third Floor next to Elevator- First Draw Lead **Sample Type:** Grab
Add'l Info: Washington ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433682-03 **Collected By:** Client **Sampled:** 07/31/24 10:46 **Received:** 08/01/24 12:44
Sample Desc: 03-WAS-7/31-WC- Bottle Fill Station - First Floor next to Elevator - First Draw Lead **Sample Type:** Grab
Add'l Info: Washington ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Samplin form

2433682 PM: RAQ
Element Environmental Solutions
10-Day TAT Lead in Drinking Water

Turnaround Time
- [X] Standard 10-Day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions | Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch | Email: IAQ@ezs.us | Phone: 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes	Container Codes		Preservative Codes	
	Size	Type		
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3	T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4	E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL	Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4	L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH	A = Asc. Acid
O = Other			R = NaAsO2	O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N							
		7-31-24	*	DW	X		13										

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Mark Snyder	7.31.24	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: Tammy Lynch	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By:

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Washington ES	01-WAS-7/31-WC	Bottle Fill Station - Second Floor next to Elevator	7/31/2024	10:44 AM	First Draw Lead	01-
Washington ES	02-WAS-7/31-WC	Bottle Fill Station - Third Floor next to Elevator	7/31/2024	10:42 AM	First Draw Lead	02-
Washington ES	03-WAS-7/31-WC	Bottle Fill Station - First Floor next to Elevator	7/31/2024	10:46 AM	First Draw Lead	03-

2433682

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433683
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433683-01 **Collected By:** Client **Sampled:** 07/31/24 12:49 **Received:** 08/01/24 12:44
Sample Desc: 02-HAY-7/31-WC- Bottle Fill Station - First Floor Gang Bathrooms @ 126A Cust. Closet- First Draw Lead **Sample Type:** Grab
Add'l Info: Hays ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433683-02 **Collected By:** Client **Sampled:** 07/31/24 12:51 **Received:** 08/01/24 12:44
Sample Desc: 03-HAY-7/31-WC- Bottle Fill Station - First Floor Gang Bathrooms @ 158 Cust. Closet- First Draw Lead **Sample Type:** Grab
Add'l Info: Hays ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433683-03 **Collected By:** Client **Sampled:** 07/31/24 12:43 **Received:** 08/01/24 12:44
Sample Desc: 04-HAY-7/31-WC- Bottle Fill Station - Second Floor Gang Bathrooms @ 226A Cust. Closet - First Draw Lead **Sample Type:** Grab
Add'l Info: Hays ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433683 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

N ICE
lease see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: ElementEW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** IAQ@e2s.us **Phone:** 717-484-5111

Matrix Codes	Container Codes		Preservative Codes
	Size	Type	
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3 T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4 E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4 L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH A = Asc. Acid
O = Other			R = NaAsO2 O = Other

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N							
		7-31-24	*	W	X		113										
	* See attached spreadsheets for sample info for each bldg *																

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	8.01.24	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
				08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: [illegible]

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becomes necessary.

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
~~Hays ES~~	~~01-HAY-7/31-WC~~	~~Bottle Fill Station - Third Floor Gang Bathrooms @ Library~~ NO SAMPLE	~~7/31/2024~~	~~N/A~~	~~First Draw Lead~~	
Hays ES	02-HAY-7/31-WC	Bottle Fill Station - First Floor Gang Bathrooms @ 126A Cust. Closet	7/31/2024	12:49 PM	First Draw Lead	01-
Hays ES	03-HAY-7/31-WC	Bottle Fill Station - First Floor Gang Bathrooms @ 158 Cust. Closet	7/31/2024	12:51 PM	First Draw Lead	02-
Hays ES	04-HAY-7/31-WC	Bottle Fill Station - Second Floor Gang Bathrooms @ 226A Cust. Closet	7/31/2024	12:43 PM	First Draw Lead	03-

2433683

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433638
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433638-01 **Collected By:** Client **Sampled:** 07/31/24 09:34 **Received:** 08/01/24 12:44
Sample Desc: 01-JES-7/31-WC- Bottle Filler - Basement next to 10- First Draw Lead **Sample Type:** Grab
Add'l Info: Jefferson ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433638-02 **Collected By:** Client **Sampled:** 07/31/24 09:36 **Received:** 08/01/24 12:44
Sample Desc: 02-JES-7/31-WC- Bottle Filler -1st Floor in Main Lobby - First Draw Lead **Sample Type:** Grab
Add'l Info: Jefferson ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433638-03 **Collected By:** Client **Sampled:** 07/31/24 09:37 **Received:** 08/01/24 12:44
Sample Desc: 03-JES-7/31-WC- Bottle Filler -2nd Floor above Main Lobby - First Draw Lead **Sample Type:** Grab
Add'l Info: Jefferson ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433638 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*San :E see form

Turnaround Time
- [X] Standard 10-Day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: DAQ@ezs.us | Phone: 717-484-5111

Composite Info
Start __/__/__ @ ____
Stop __/__/__ @ ____

Composite Info
Start __/__/__ @ ____
Stop __/__/__ @ ____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	P = Plastic
500 = 500mL	G = Glass
250 = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
N = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N						
	* See attached spreadsheets for * sample info for each bldg	7-31-24	*	DW	X		(13)									

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

Comments: (Lab use only)

	Date:	Time:		Date:	Time:	
Relinquished By:	7.31.24	12:44	Received By:			Sample Receipt (Lab use only)
Relinquished By:			Received By:			Sample Temp (°C): 24.0
Relinquished By:			Received @ MJRA By:	08/01/2024	1244	Samples on ice? Y (N) NA
						Approved By: LEC
						Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection beco

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Jefferson ES	01-JES-7/31-WC	Bottle Filler - Basement next to 10	7/31/2024	09:34:00	First Draw Lead	01-
Jefferson ES	02-JES-7/31-WC	Bottle Filler - 1st Floor in Main Lobby	7/31/2024	09:36:00	First Draw Lead	02-
Jefferson ES	03-JES-7/31-WC	Bottle Filler - 2nd Floor above Main Lobby	7/31/2024	09:37:00	First Draw Lead	03-

-01
-02
-03

2433638

LEC

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433646
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433646-01 **Collected By:** Client **Sampled:** 07/31/24 09:55 **Received:** 08/01/24 12:44
Sample Desc: 01-RES-7/31-WC- Bottle Filler - 1st Floor at Gym - First Draw Lead **Sample Type:** Grab
Add'l Info: Roosevelt ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433646-02 **Collected By:** Client **Sampled:** 07/31/24 09:48 **Received:** 08/01/24 12:44
Sample Desc: 02-RES-7/31-WC- Bottle Filler - 1st Floor between 112 and 115 - First Draw Lead **Sample Type:** Grab
Add'l Info: Roosevelt ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433646-03 **Collected By:** Client **Sampled:** 07/31/24 09:45 **Received:** 08/01/24 12:44
Sample Desc: 03-RES-7/31-WC- Bottle Filler - 1st Floor at 105 - First Draw Lead **Sample Type:** Grab
Add'l Info: Roosevelt ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

M.J. Reider Associates, Inc.

Lab ID: 2433646-04 **Collected By:** Client **Sampled:** 07/31/24 09:46 **Received:** 08/01/24 12:44

Sample Desc: 04-RES-7/31-WC- Bottler Filler - 2nd Floor beginning of old section - First Draw Lead **Sample Type:** Grab

Add'l Info: Roosevelt ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433646 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*Si ICE e see form

Turnaround Time
- [X] Standard 10-Day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** IAQ@ezs.us **Phone:** 717-484-5111

_____ Composite Info
Start __/__/____ @ ____
Stop __/__/____ @ ____

_____ Composite Info
Start __/__/____ @ ____
Stop __/__/____ @ ____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	P = Plastic
500 = 500mL	G = Glass
250 = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
N = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N						
		7-31-24	*	W	X		(13)									
	* See attached spreadsheets for sample info for each bldg *															

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

Comments: (Lab use only)

	Date:	Time:		Date:	Time:	
Relinquished By: Dave Bertsch	7-31-24	12:44	Received By:			**Sample Receipt** (Lab use only)
Relinquished By:			Received By:			Sample Temp (°C): 24.0
Relinquished By:			Received @ MJRA By:	08/01/2024	1244	Samples on ice? Y (N) NA
						Approved By: LEC
						Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becor

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Roosevelt ES	01-RES-7/31-WC	Bottle Filler - 1st Floor at Gym	7/31/2024	09:55:00	First Draw Lead	01-
Roosevelt ES	02-RES-7/31-WC	Bottle Filler - 1st Floor between 112 and 115	7/31/2024	09:48:00	First Draw Lead	02-
Roosevelt ES	03-RES-7/31-WC	Bottle Filler - 1st Floor at 105	7/31/2024	09:45:00	First Draw Lead	03-
Roosevelt ES	04-RES-7/31-WC	Bottler Filler - 2nd Floor beginning of old section	7/31/2024	09:46:00	First Draw Lead	04-

-01
-02
-03
-04

2433646

LEC

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433669
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433669-01 **Collected By:** Client **Sampled:** 07/31/24 10:04 **Received:** 08/01/24 12:44
Sample Desc: 01-DES-7/31-WC- Bottle Filler - Basement below Main Entrance - First Draw Lead **Sample Type:** Grab
Add'l Info: Dodd ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433669-02 **Collected By:** Client **Sampled:** 07/31/24 10:07 **Received:** 08/01/24 12:44
Sample Desc: 02-DES-7/31-WC- Bottle Filler - 1st Floor at Entrance - First Draw Lead **Sample Type:** Grab
Add'l Info: Dodd ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433669 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*Sa CE

see form

Turnaround Time
- X Standard 10-Day
- RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** DAQ@ezs.us **Phone:** 717-484-5111

Composite Info
Start __/__/__ @ __
Stop __/__/__ @ __

Composite Info
Start __/__/__ @ __
Stop __/__/__ @ __

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250							
		7-31-24	*	DW	X		(13)	P	N						

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water 1-EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Mark Snyder	08/01/2024	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
			Lauren Lynch	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection beco

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Dodd ES	01-DES-7/31-WC	Bottle Filler - Basement below Main Entrance	7/31/2024	10:04:00	First Draw Lead	01-
Dodd ES	02-DES-7/31-WC	Bottle Filler - 1st Floor at Entrance	7/31/2024	10:07:00	First Draw Lead	02-

-01
-02

2433669

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433674
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433674-01 **Collected By:** Client **Sampled:** 07/31/24 10:21 **Received:** 08/01/24 12:44
Sample Desc: 01-SM-7/31-WC- Bottle Filler - 1st Floor at Office - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433674-02 **Collected By:** Client **Sampled:** 07/31/24 10:23 **Received:** 08/01/24 12:44
Sample Desc: 02-SM-7/31-WC- Bottle Filler - 1st Floor at 102- First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433674-03 **Collected By:** Client **Sampled:** 07/31/24 10:17 **Received:** 08/01/24 12:44
Sample Desc: 03-SM-7/31-WC- Bottle Filler - 1st Floor next to 104 - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433674-04 **Collected By:** Client **Sampled:** 07/31/24 10:13 **Received:** 08/01/24 12:44
Sample Desc: 04-SM-7/31-WC- Bottle Filler - 1st Floor outside Gym - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433674-05 **Collected By:** Client **Sampled:** 07/31/24 10:28 **Received:** 08/01/24 12:44
Sample Desc: 05-SM-7/31-WC- Bottle Filler - 1st Floor in Cafeteria - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433674-06 **Collected By:** Client **Sampled:** 07/31/24 10:31 **Received:** 08/01/24 12:44
Sample Desc: 06-SM-7/31-WC- Bottle Filler - 1st Floor at Library - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433674-07 **Collected By:** Client **Sampled:** 07/31/24 10:34 **Received:** 08/01/24 12:44
Sample Desc: 07-SM-7/31-Bottle Filler - 2nd Floor at 205B - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433674-08 **Collected By:** Client **Sampled:** 07/31/24 10:36 **Received:** 08/01/24 12:44
Sample Desc: 08-SM-7/31-Bottle Filler - 2nd Floor at 250 - First Draw Lead **Sample Type:** Grab
Add'l Info: South Mountain MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433674 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

ICE

ase see form

Turnaround Time
- X Standard 10-day
- RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@ezs.us
Phone: 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N							
	* See attached Spreadsheets for sample info for each bldg *	7-31-24	*	DW	X		(13)										

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

Comments: (Lab use only)

	Date:	Time:		Date:	Time:	
Relinquished By: [signature]	8/1/24	12:44	Received By:			Sample Receipt (Lab use only)
Relinquished By:			Received By:			Sample Temp (°C): 24.0
Relinquished By:			Received @ MJRA By: [signature]	08/01/2024	1244	Samples on ice? Y (N) NA
						Approved By: LEC
						Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
South Mountain MS	01-SM-7/31-WC	Bottle Filler - 1st Floor at Office	7/31/2024	10:21:00	First Draw Lead	01-
South Mountain MS	02-SM-7/31-WC	Bottle Filler - 1st Floor at 102	7/31/2024	10:23:00	First Draw Lead	02-
South Mountain MS	03-SM-7/31-WC	Bottle Filler - 1st Floor next to 104	7/31/2024	10:17:00	First Draw Lead	03-
South Mountain MS	04-SM-7/31-WC	Bottle Filler - 1st Floor outside Gym	7/31/2024	10:13:00	First Draw Lead	04-
South Mountain MS	05-SM-7/31-WC	Bottle Filler - 1st Floor in Cafeteria	7/31/2024	10:28:00	First Draw Lead	05-
South Mountain MS	06-SM-7/31-WC	Bottle Filler - 1st Floor at Library	7/31/2024	10:31:00	First Draw Lead	06-
South Mountain MS	07-SM-7/31-WC	Bottle Filler - 2nd Floor at 205B	7/31/2024	10:34:00	First Draw Lead	07-
South Mountain MS	08-SM-7/31-WC	Bottle Filler - 2nd Floor at 250	7/31/2024	10:36:00	First Draw Lead	08-

2433674

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433675
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433675-01 **Collected By:** Client **Sampled:** 07/31/24 10:41 **Received:** 08/01/24 12:44
Sample Desc: 01-LP-7/31-WC- Bottle Filler - At Room 5 - First Draw Lead **Sample Type:** Grab
Add'l Info: Lehigh Parkway ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433675 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*Sa CE see form

Turnaround Time
- X Standard 10-Work
- RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: TAQ@ezs.us
Phone: 717-484-5111

Matrix Codes	Container Codes		Preservative Codes
	Size	Type	
WW = Waste Water	L = Liter	(P) Plastic	(N) = HNO3 T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4 E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4 L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH A = Asc. Acid
O = Other			R = NaAsO2 O = Other

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N	Container Size (use codes listed above)	Container Type (use codes listed above)	Preservative (use codes listed above)	Analyses Requested
	* See attached Spreadsheets for * sample info for each bldg	7-31-24	*	DW	X	X	(13)							Lead in Drinking Water - EPA

Comments: (Lab use only)

	Date:	Time:		Date:	Time:
Relinquished By: Dave Bertsch	8/1/24	12:44	Received By:		
Relinquished By:			Received By:		
Relinquished By:			Received @ MJRA By: Lauren Lynch	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Lehigh Parkway ES	01-LP-7/31-WC	Bottle Filler - At Room 5	7/31/2024	10:41:00	First Draw Lead	01-

-01

2433675

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433676
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433676-01 **Collected By:** Client **Sampled:** 07/31/24 13:14 **Received:** 08/01/24 12:44
Sample Desc: 01-B21-7/31-WC- Bottle Filler - 1st Floor in Lobby - First Draw Lead **Sample Type:** Grab
Add'l Info: Building 21 - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433676-02 **Collected By:** Client **Sampled:** 07/31/24 13:15 **Received:** 08/01/24 12:44
Sample Desc: 02-B21-7/31-WC- Bottle Filler - 1st Floor at 113 (Right) - First Draw Lead **Sample Type:** Grab
Add'l Info: Building 21 - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433676-03 **Collected By:** Client **Sampled:** 07/31/24 13:16 **Received:** 08/01/24 12:44
Sample Desc: 03-B21-7/31-WC- Bottle Filler - 1st Floor in Cafeteria (Left) - First Draw Lead **Sample Type:** Grab
Add'l Info: Building 21 - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

M.J. Reider Associates, Inc.

Lab ID: 2433676-04 **Collected By:** Client **Sampled:** 07/31/24 13:17 **Received:** 08/01/24 12:44

Sample Desc: 04-B21-7/31-WC- Bottle Filler - 1st Floor in Cafeteria (Right) - First Draw Lead **Sample Type:** Grab

Add'l Info: Building 21 - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/12/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Sa

2433676 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

CE

: see form

Turnaround Time
- [X] Standard 10-Work
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@e2s.us
Phone: 717-484-5111

Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N							
		7-31-24	*	W	X		(13)										

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Mark Snyder	08.01	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: Tammy Lynch	Date: 08/01/2024	Time: 1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Building 21	01-B21-7/31-WC	Bottle Filler - 1st Floor in Lobby	7/31/2024	13:14:00	First Draw Lead	01-
Building 21	02-B21-7/31-WC	Bottle Filler - 1st Floor at 113 (Right)	7/31/2024	13:15:00	First Draw Lead	02-
Building 21	03-B21-7/31-WC	Bottle Filler - 1st Floor in Cafeteria (Left)	7/31/2024	13:16:00	First Draw Lead	03-
Building 21	04-B21-7/31-WC	Bottle Filler - 1st Floor in Cafeteria (Right)	7/31/2024	13:17:00	First Draw Lead	04-

-01
-02
-03
-04

2433676

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433586
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water
1027.0138

Lab ID: 2433586-01 **Collected By:** Client **Sampled:** 07/31/24 13:04 **Received:** 08/01/24 12:44
Sample Desc: 01-AC-7/31-WC- Bottle Fill Station - First Floor New Side, Between Bathrooms - First Draw Lead **Sample Type:** Grab
Add'l Info: Administration Center- Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433586 PM: RAQ
Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*Sa

CE
e see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: ElementEW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@e2s.us
Phone: 717-484-5111

Matrix Codes	Container Codes		Preservative Codes
	Size	Type	
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3 T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4 E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4 L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH A = Asc. Acid
O = Other			R = NaAsO2 O = Other

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N	Analyses Requested
		7-31-24	*	W	X		(13)		Lead in Drinking Water - EPA
	* attached See Spreadsheets for * Sample info for each bldg								

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Comments: (Lab use only)

	Date:	Time:		Date:	Time:
Relinquished By: Mike Snyder	8.01.24	12:44	Received By:		
Relinquished By:			Received By:		
Relinquished By:			Received @ MJRA By: Tammy Lynch	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By:

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection become

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Administration Center	01-AC-7/31-WC	Bottle Fill Station - First Floor New Side, Between Bathrooms	7/31/2024	1:04 PM	First Draw Lead	01-2433586

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433673
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433673-01 **Collected By:** Client **Sampled:** 07/31/24 08:07 **Received:** 08/01/24 12:44
Sample Desc: 01-FMS-7/31-WC Bottle Filler - In Maintenance Lunch Room **Sample Type:** Grab
Add'l Info: Maintenance Shop

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

107 Angelica Street ❍ Reading, PA 19611 ❍ www.mjreider.com ❍ (610) 374-5129 ❍ fax (610) 374-7234

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433673 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

ON ICE

. Please see form
1.

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@ezs.us
Phone: 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___
Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Genseimer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N						
		7-31-24	*	DW	X		13									

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
*	8/01/24	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
				08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: AM

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
~~William Allen HS~~	~~23-ALLEN-7/31-WC~~	~~Bottle Filler - Main Basement next to Annex Kitchen~~ No Sample - off	~~7/31/2024~~		~~First Draw Lead~~	
Maintenance Shop	01-FMS-7/31-WC	Bottle Filler - In Maintenance Lunch Room	7/31/2024	8:07 AM	First Draw Lead	01-

2433673

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433649
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433649-01 **Collected By:** Client **Sampled:** 07/31/24 10:26 **Received:** 08/01/24 12:44
Sample Desc: 01-CENT-7/31-WC Bottle Filler - 1st Floor by Cafeteria/Stairwell 2 **Sample Type:** Grab
Add'l Info: Central ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433649-02 **Collected By:** Client **Sampled:** 07/31/24 10:28 **Received:** 08/01/24 12:44
Sample Desc: 02-CENT-7/31-WC Bottle Filler - 2nd Floor by Boys' Bathroom **Sample Type:** Grab
Add'l Info: Central ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433649-03 **Collected By:** Client **Sampled:** 07/31/24 10:24 **Received:** 08/01/24 12:44
Sample Desc: 04-CENT-7/31-WC Bottle Filler - Basement at Door 5 **Sample Type:** Grab
Add'l Info: Central ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433649 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*Sa CE see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** IAQ@ezs.us **Phone:** 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes	Container Codes		Preservative Codes	
	Size	Type		
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3	T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4	E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL	Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4	L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH	A = Asc. Acid
O = Other			R = NaAsO2	O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250							
		7-31-24	*	✓	X		(13)	P							
								N							

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	7.31	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: [signature]	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: AGR

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Central ES	01-CENT-7/31-WC	Bottle Filler - 1st Floor by Cafeteria/Stairwell 2	7/31/2024	10:26 AM	First Draw Lead	01-
Central ES	02-CENT-7/31-WC	Bottle Filler - 2nd Floor by Boys' Bathroom	7/31/2024	10:28 AM	First Draw Lead	02-
~~Central ES~~	~~03-CENT-7/31-WC~~	~~Bottle Filler - 3rd Floor outside Elevator~~ No Sample off	~~7/31/2024~~		~~First Draw Lead~~	
Central ES	04-CENT-7/31-WC	Bottle Filler - Basement at Door 5	7/31/2024	10:24 AM	First Draw Lead	03-

2433649

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433636
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433636-01 **Collected By:** Client **Sampled:** 07/31/24 10:45 **Received:** 08/01/24 12:44
Sample Desc: 01-JAC-7/31-WC Bottle Filler - 1st Floor across from Room 104 **Sample Type:** Grab
Add'l Info: Jackson ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433636-02 **Collected By:** Client **Sampled:** 07/31/24 10:47 **Received:** 08/01/24 12:44
Sample Desc: 02-JAC-7/31-WC Bottle Filler - 2nd Floor at Room 201 **Sample Type:** Grab
Add'l Info: Jackson ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433636-03 **Collected By:** Client **Sampled:** 07/31/24 10:49 **Received:** 08/01/24 12:44
Sample Desc: 03-JAC-7/31-WC Bottle Filler - Basement at Cafeteria **Sample Type:** Grab
Add'l Info: Jackson ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433636 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

D ON ICE

com. Please see form
form.

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: ElementEW Solutions | Address: 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch | Email: IAQ@ezs.us | Phone: 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes	Container Codes		Preservative Codes	
	Size	Type		
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3	T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4	E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL	Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4	L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH	A = Asc. Acid
O = Other			R = NaAsO2	O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250							
								P							
								N							
		7-31-24	*	W	X		(13)								
	* See attached spreadsheets for sample info for each bldg *														

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

Comments: (Lab use only)

	Date:	Time:		Date:	Time:	
Relinquished By:	7.31.24	12:44	Received By:			**Sample Receipt** (Lab use only)
Relinquished By:			Received By:			Sample Temp (°C): 24.0
Relinquished By:			Received @ MJRA By:	08/01/2024	1244	Samples on ice? Y (N) NA
						Approved By: LEC
						Entered By: AM

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Jackson ES	01-JAC-7/31-WC	Bottle Filler - 1st Floor across from Room 104	7/31/2024	10:45 AM	First Draw Lead	01-
Jackson ES	02-JAC-7/31-WC	Bottle Filler - 2nd Floor at Room 201	7/31/2024	10:47 AM	First Draw Lead	02-
Jackson ES	03-JAC-7/31-WC	Bottle Filler - Basement at Cafeteria	7/31/2024	10:49 AM	First Draw Lead	03-

2433636

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433637
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433637-01 **Collected By:** Client **Sampled:** 07/31/24 12:41 **Received:** 08/01/24 12:44
Sample Desc: 01-RAM-7/31-WC Bottle Filler - Gymnasium/Cafeteria Right Side **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433637-02 **Collected By:** Client **Sampled:** 07/31/24 12:40 **Received:** 08/01/24 12:44
Sample Desc: 02-RAM-7/31-WC Bottle Filler - 1st Floor Bathrooms by Main Office **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433637-03 **Collected By:** Client **Sampled:** 07/31/24 12:44 **Received:** 08/01/24 12:44
Sample Desc: 03-RAM-7/31-WC Bottle Filler - 2nd Floor Middle of Building **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433637-04 **Collected By:** Client **Sampled:** 07/31/24 12:50 **Received:** 08/01/24 12:44
Sample Desc: 04-RAM-7/31-WC Bottle Filler - 3rd Floor Middle of Building **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433637-05 **Collected By:** Client **Sampled:** 07/31/24 12:37 **Received:** 08/01/24 12:44
Sample Desc: 05-RAM-7/31-WC Bottle Filler - 1st Floor Bathrooms by Room 109A **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433637-06 **Collected By:** Client **Sampled:** 07/31/24 12:55 **Received:** 08/01/24 12:44
Sample Desc: 06-RAM-7/31-WC Bottle Filler - Gymnasium/Cafeteria Left Side **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433637-07 **Collected By:** Client **Sampled:** 07/31/24 12:47 **Received:** 08/01/24 12:44
Sample Desc: 07-RAM-7/31-WC Bottle Filler - 2nd Floor Bathrooms on 14th Street Side **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433637-08 **Collected By:** Client **Sampled:** 07/31/24 12:53 **Received:** 08/01/24 12:44
Sample Desc: 08-RAM-7/31-WC Bottle Filler - 3rd Floor Bathrooms on 14th Street Side **Sample Type:** Grab
Add'l Info: Ramos ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433637 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

J ICE
ease see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@ezs.us
Phone: 717-484-5111

Matrix Codes	Container Codes		Preservative Codes	
	Size	Type		
WW = Waste Water	L = Liter	(P) = Plastic	(N) = HNO3	T= Na2S2O3
DW = Drinking Water	500 = 500mL	G = Glass	S = H2SO4	E = EDTA
GW = Ground Water	(250) = 250mL	V = VOA Vial	C = HCL	Z = Zinc Acetate
ST = Storm Water	120 = 120mL	S = Sterile	P = H3PO4	L = NH4CL
S = Soil/Solid	40 = 40mL	O = Other	H = NaOH	A = Asc. Acid
O = Other			R = NaAsO2	O = Other

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250							
								P							
								N							
		7-31-24	*	W	X		(13)								

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

	Date:	Time:		Date:	Time:	
Relinquished By:	8.01.24	12.44	Received By:			**Sample Receipt** (Lab use only)
Relinquished By:			Received By:			Sample Temp (°C): 24.0
Relinquished By:			Received @ MJRA By:	08/01/2024	1244	Samples on ice? Y (N) NA
						Approved By: LEC
						Entered By:

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Ramos ES	01-RAM-7/31-WC	Bottle Filler - Gymnasium/Cafeteria Right Side	7/31/2024	12:41 PM	First Draw Lead	01-
Ramos ES	02-RAM-7/31-WC	Bottle Filler - 1st Floor Bathrooms by Main Office	7/31/2024	12:40 PM	First Draw Lead	02-
Ramos ES	03-RAM-7/31-WC	Bottle Filler - 2nd Floor Middle of Building	7/31/2024	12:44 PM	First Draw Lead	03-
Ramos ES	04-RAM-7/31-WC	Bottle Filler - 3rd Floor Middle of Building	7/31/2024	12:50 PM	First Draw Lead	04-
Ramos ES	05-RAM-7/31-WC	Bottle Filler - 1st Floor Bathrooms by Room 109A	7/31/2024	12:37 PM	First Draw Lead	05-
Ramos ES	06-RAM-7/31-WC	Bottle Filler - Gymnasium/Cafeteria Left Side	7/31/2024	12:55 PM	First Draw Lead	06-
Ramos ES	07-RAM-7/31-WC	Bottle Filler - 2nd Floor Bathrooms on 14th Street Side	7/31/2024	12:47 PM	First Draw Lead	07-
Ramos ES	08-RAM-7/31-WC	Bottle Filler - 3rd Floor Bathrooms on 14th Street Side	7/31/2024	12:53 PM	First Draw Lead	08-

2433637

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433645
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433645-01 **Collected By:** Client **Sampled:** 07/31/24 12:45 **Received:** 08/01/24 12:44
Sample Desc: 01-TREX-7/31-WC Bottle Filler - Inside Cafeteria **Sample Type:** Grab
Add'l Info: Trexler MS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433645-02 **Collected By:** Client **Sampled:** 07/31/24 12:48 **Received:** 08/01/24 12:44
Sample Desc: 02-TREX-7/31-WC Bottle Filler - Outside Auditorium in Lobby **Sample Type:** Grab
Add'l Info: Trexler MS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433645-03 **Collected By:** Client **Sampled:** 07/31/24 12:55 **Received:** 08/01/24 12:44
Sample Desc: 03-TREX-7/31-WC Bottle Filler - 1st Floor by Library **Sample Type:** Grab
Add'l Info: Trexler MS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Sam

2433645 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

E
ee form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@e2s.us
Phone: 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250										
		7-31-24	*	✓	X		(13)	P										
								N										

* See attached Spreadsheets for sample info for each bldg

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩

Lead in Drinking Water - EPA

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	8.01	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: [signature]	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: AM

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Trexler MS	01-TREX-7/31-WC	Bottle Filler - Inside Cafeteria	7/31/2024	12:45 PM	First Draw Lead	01-
Trexler MS	02-TREX-7/31-WC	Bottle Filler - Outside Auditorium in Lobby	7/31/2024	12:48 PM	First Draw Lead	02-
Trexler MS	03-TREX-7/31-WC	Bottle Filler - 1st Floor by Library	7/31/2024	12:55 PM	First Draw Lead	03-
~~Trexler MS~~	~~04-TREX-7/31-WC~~	~~Bottle Filler - 2nd Floor by Room 250~~ No Sample Turned off	~~7/31/2024~~		~~First Draw Lead~~	
~~Trexler MS~~	~~05-TREX-7/31-WC~~	~~Bottle Filler - Boys' Locker Room (check)~~ No Sample - Turned Off	~~7/31/2024~~		~~First Draw Lead~~	

2433645

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433650
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433650-01 **Collected By:** Client **Sampled:** 07/31/24 08:32 **Received:** 08/01/24 12:44
Sample Desc: 02-MUHL-7/31-WC Bottle Filler - Old Section 2nd Floor by Girls' Bathroom **Sample Type:** Grab
Add'l Info: Muhlenburg ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433650-02 **Collected By:** Client **Sampled:** 07/31/24 08:35 **Received:** 08/01/24 12:44
Sample Desc: 03-MUHL-7/31-WC Bottle Filler - Old Section 1st Floor by Boys' Bathroom **Sample Type:** Grab
Add'l Info: Muhlenburg ES

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433650 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*San ...CE see form

Turnaround Time
- [X] Standard 10-Day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** IAQ@e2s.us **Phone:** 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250							
								P							
								N							
		7-31-24	*	W	X		(13)								

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

	Date:	Time:		Date:	Time:	
Relinquished By: [signature]	08.01.24	12:44	Received By:			**Sample Receipt** (Lab use only)
Relinquished By:			Received By:			Sample Temp (°C): 24.0
Relinquished By:			Received @ MJRA By: [signature]	08/01/2024	1244	Samples on ice? Y (N) NA Approved By: LEC Entered By: AO

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom...

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
~~Muhlenberg ES~~	~~01-MUHL-7/31-WC~~	~~Bottle Filler - Old Section 1st Floor by Girls' Bathroom~~ No Sample off	~~7/31/2024~~		~~First Draw Lead~~	
Muhlenberg ES	02-MUHL-7/31-WC	Bottle Filler - Old Section 2nd Floor by Girls' Bathroom	7/31/2024	8:32 AM	First Draw Lead	01-
Muhlenberg ES	03-MUHL-7/31-WC	Bottle Filler - Old Section 1st Floor by Boys' Bathroom	7/31/2024	8:35 AM	First Draw Lead	02-

2433650

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433684
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433684-01 **Collected By:** Client **Sampled:** 07/31/24 08:10 **Received:** 08/01/24 12:00
Sample Desc: 01-JB-7/31-WC- Boy's Locker Room - First Draw Lead **Sample Type:** Grab
Add'l Info: J B Crum Stadium - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433684-02 **Collected By:** Client **Sampled:** 07/31/24 08:13 **Received:** 08/01/24 12:00
Sample Desc: 02-JB-7/31-WC- Girl's Locker Room - First Draw Lead **Sample Type:** Grab
Add'l Info: J B Crum Stadium - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433684 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

*Sai CE

: see form

Turnaround Time
- [X] Standard 10-Day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** IAQ@e2s.us **Phone:** 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Genseemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N						
		7-31-24	*	W	X		(13)							

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water 1-EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	08.01.24	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: [signature]	Date: 08/01/2024	Time: 1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becc

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
J B Crum Stadium	01-JB-7/31-WC	Boy's Locker Room	7/31/2024	08:10:00	First Draw Lead	01-
J B Crum Stadium	02-JB-7/31-WC	Girl's Locker Room	7/31/2024	08:13:00	First Draw Lead	02-

-01

-02

2433684

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433677
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433677-01 **Collected By:** Client **Sampled:** 07/31/24 09:05 **Received:** 08/01/24 12:44
Sample Desc: 01-RMS-7/31-WC- Bottle Filler - 1st Floor at Health and Guidance - First Draw Lead **Sample Type:** Grab
Add'l Info: Raub MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433677-02 **Collected By:** Client **Sampled:** 07/31/24 09:08 **Received:** 08/01/24 12:44
Sample Desc: 03-RMS-7/31-WC- Bottle Filler - 2nd Floor at 212 - First Draw Lead **Sample Type:** Grab
Add'l Info: Raub MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433677-03 **Collected By:** Client **Sampled:** 07/31/24 09:13 **Received:** 08/01/24 12:44
Sample Desc: 04-RMS-7/31-WC- Bottle Filler - 2nd Floor at 203 - First Draw Lead **Sample Type:** Grab
Add'l Info: Raub MS - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Sa

2433677 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

CE

e see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@e2s.us
Phone: 717-484-5111

Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250 P N
		7-31-24	*	DW	X		(13)	

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	08.01	12.44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: [signature]	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

212

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Raub MS	01-RMS-7/31-WC	Bottle Filler - 1st Floor at Health and Guidance	7/31/2024	09:05:00	First Draw Lead	01-
~~Raub MS~~	~~02-RMS-7/31-WC~~	~~Bottle Filler - 1st Floor next to Room 114~~ (No sample - Turned Off)	~~7/31/2024~~		~~First Draw Lead~~	
Raub MS	03-RMS-7/31-WC	Bottle Filler - 2nd Floor at 212	7/31/2024	09:08:00	First Draw Lead	02-
Raub MS	04-RMS-7/31-WC	Bottle Filler - 2nd Floor at 203	7/31/2024	09:13:00	First Draw Lead	03-

-01
-02
-03

2433677

E2S Project No. 1027.0138

LEC

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433666
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433666-01 **Collected By:** Client **Sampled:** 07/31/24 10:00 **Received:** 08/01/24 12:44
Sample Desc: 01-ALLEN-7/31-WC Bottle Filler - Phys Ed Basement Pool Area **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-02 **Collected By:** Client **Sampled:** 07/31/24 10:02 **Received:** 08/01/24 12:44
Sample Desc: 02-ALLEN-7/31-WC Bottle Filler - Phys Ed 1st Floor Pool Area **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-03 **Collected By:** Client **Sampled:** 07/31/24 09:22 **Received:** 08/01/24 12:44
Sample Desc: 03-ALLEN-7/31-WC Bottle Filler - Main Basement at Elevator **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-04 **Collected By:** Client **Sampled:** 07/31/24 09:31 **Received:** 08/01/24 12:44
Sample Desc: 04-ALLEN-7/31-WC Bottle Filler - Main 1st Floor outside Main Office **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433666-05 **Collected By:** Client **Sampled:** 07/31/24 09:40 **Received:** 08/01/24 12:44
Sample Desc: 05-ALLEN-7/31-WC Bottle Filler - Main 2nd Floor at Elevator **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-06 **Collected By:** Client **Sampled:** 07/31/24 09:41 **Received:** 08/01/24 12:44
Sample Desc: 06-ALLEN-7/31-WC Bottle Filler - Main 3rd Floor at Elevator **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-07 **Collected By:** Client **Sampled:** 07/31/24 08:58 **Received:** 08/01/24 12:44
Sample Desc: 07-ALLEN-7/31-WC Bottle Filler - 9th Grade Center 3rd Floor next to Room 8-307A **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-08 **Collected By:** Client **Sampled:** 07/31/24 09:08 **Received:** 08/01/24 12:44
Sample Desc: 08-ALLEN-7/31-WC Bottle Filler - Linden 2nd Floor by Room 4-202 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-09 **Collected By:** Client **Sampled:** 07/31/24 09:10 **Received:** 08/01/24 12:44
Sample Desc: 09-ALLEN-7/31-WC Bottle Filler - Linden Basement by Room 4-009 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433666-10 **Collected By:** Client **Sampled:** 07/31/24 09:49 **Received:** 08/01/24 12:44
Sample Desc: 10-ALLEN-7/31-WC Bottle Filler - Annex 1st Floor next to Room 2-101 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-11 **Collected By:** Client **Sampled:** 07/31/24 09:52 **Received:** 08/01/24 12:44
Sample Desc: 11-ALLEN-7/31-WC Bottle Filler - Annex 3rd Floor next to Room 2-307 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-12 **Collected By:** Client **Sampled:** 07/31/24 08:59 **Received:** 08/01/24 12:44
Sample Desc: 12-ALLEN-7/31-WC Bottle Filler - 9th Grade Center 2nd Floor next to Room 8-208A **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-13 **Collected By:** Client **Sampled:** 07/31/24 09:01 **Received:** 08/01/24 12:44
Sample Desc: 13-ALLEN-7/31-WC Bottle Filler - 9th Grade Center 2nd Floor next to Room 8-229A **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433666-14 **Collected By:** Client **Sampled:** 07/31/24 09:03 **Received:** 08/01/24 12:44
Sample Desc: 14-ALLEN-7/31-WC Bottle Filler - 9th Grade Center 1st Floor next to Room 8-117 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-15 **Collected By:** Client **Sampled:** 07/31/24 09:43 **Received:** 08/01/24 12:44
Sample Desc: 15-ALLEN-7/31-WC Bottle Filler - Main 3rd Floor next to Room 1-303 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-16 **Collected By:** Client **Sampled:** 07/31/24 09:44 **Received:** 08/01/24 12:44
Sample Desc: 16-ALLEN-7/31-WC Bottle Filler - Main 3rd Floor next to Room 1-308 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-17 **Collected By:** Client **Sampled:** 07/31/24 09:39 **Received:** 08/01/24 12:44
Sample Desc: 17-ALLEN-7/31-WC Bottle Filler - Main 2nd Floor across from Room 1-203 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-18 **Collected By:** Client **Sampled:** 07/31/24 09:37 **Received:** 08/01/24 12:44
Sample Desc: 18-ALLEN-7/31-WC Bottle Filler - Main 2nd Floor next to Room 1-212 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Lab ID: 2433666-19 **Collected By:** Client **Sampled:** 07/31/24 09:34 **Received:** 08/01/24 12:44
Sample Desc: 19-ALLEN-7/31-WC Bottle Filler - Main 1st Floor next to Room 1-111 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-20 **Collected By:** Client **Sampled:** 07/31/24 09:33 **Received:** 08/01/24 12:44
Sample Desc: 20-ALLEN-7/31-WC Bottle Filler - Main 1st Floor next to Room 1-115 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-21 **Collected By:** Client **Sampled:** 07/31/24 09:25 **Received:** 08/01/24 12:44
Sample Desc: 21-ALLEN-7/31-WC Bottle Filler - Main Basement across from Room 1-003 **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433666-22 **Collected By:** Client **Sampled:** 07/31/24 09:24 **Received:** 08/01/24 12:44
Sample Desc: 22-ALLEN-7/31-WC Bottle Filler - Main Basement Main Cafeteria **Sample Type:** Grab
Add'l Info: William Allen HS

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433666 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

V ICE
ease see form

Turnaround Time
- X Standard 10-day
- RUSH (*additional fees may apply)
- Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@e2s.us
Phone: 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____
_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N							
		7-31-24	*	DW	X		(13)										

⇦ **Container Size** (use codes listed above)
⇦ **Container Type** (use codes listed above)
⇦ **Preservative** (use codes listed above)
⇩ **Analyses Requested** ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Mark Snyder	07.31	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: Tammy Lynch	Date: 08/01/2024	Time: 1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: AM

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
William Allen HS	01-ALLEN-7/31-WC	Bottle Filler - Phys Ed Basement Pool Area	7/31/2024	10:00 AM	First Draw Lead	01-
William Allen HS	02-ALLEN-7/31-WC	Bottle Filler - Phys Ed 1st Floor Pool Area	7/31/2024	10:02 AM	First Draw Lead	02-
William Allen HS	03-ALLEN-7/31-WC	Bottle Filler - Main Basement at Elevator	7/31/2024	9:22 AM	First Draw Lead	03-
William Allen HS	04-ALLEN-7/31-WC	Bottle Filler - Main 1st Floor outside Main Office	7/31/2024	9:31 AM	First Draw Lead	04-
William Allen HS	05-ALLEN-7/31-WC	Bottle Filler - Main 2nd Floor at Elevator	7/31/2024	9:40 AM	First Draw Lead	05-
William Allen HS	06-ALLEN-7/31-WC	Bottle Filler - Main 3rd Floor at Elevator	7/31/2024	9:41 AM	First Draw Lead	06-
William Allen HS	07-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 3rd Floor next to Room 8-307A	7/31/2024	8:58 AM	First Draw Lead	07-
William Allen HS	08-ALLEN-7/31-WC	Bottle Filler - Linden 2nd Floor by Room 4-202	7/31/2024	9:08 AM	First Draw Lead	08-
William Allen HS	09-ALLEN-7/31-WC	Bottle Filler - Linden Basement by Room 4-009	7/31/2024	9:10 AM	First Draw Lead	09-
William Allen HS	10-ALLEN-7/31-WC	Bottle Filler - Annex 1st Floor next to Room 2-101	7/31/2024	9:49 AM	First Draw Lead	10-
William Allen HS	11-ALLEN-7/31-WC	Bottle Filler - Annex 3rd Floor next to Room 2-307	7/31/2024	9:52 AM	First Draw Lead	11-
William Allen HS	12-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 2nd Floor next to Room 8-208A	7/31/2024	8:59 AM	First Draw Lead	12-
William Allen HS	13-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 2nd Floor next to Room 8-229A	7/31/2024	9:01 AM	First Draw Lead	13-
William Allen HS	14-ALLEN-7/31-WC	Bottle Filler - 9th Grade Center 1st Floor next to Room 8-117	7/31/2024	9:03 AM	First Draw Lead	14-
William Allen HS	15-ALLEN-7/31-WC	Bottle Filler - Main 3rd Floor next to Room 1-303	7/31/2024	9:43 AM	First Draw Lead	15-
William Allen HS	16-ALLEN-7/31-WC	Bottle Filler - Main 3rd Floor next to Room 1-308	7/31/2024	9:44 AM	First Draw Lead	16-
William Allen HS	17-ALLEN-7/31-WC	Bottle Filler - Main 2nd Floor across from Room 1-203	7/31/2024	9:39 AM	First Draw Lead	17-
William Allen HS	18-ALLEN-7/31-WC	Bottle Filler - Main 2nd Floor next to Room 1-212	7/31/2024	9:37 AM	First Draw Lead	18-
William Allen HS	19-ALLEN-7/31-WC	Bottle Filler - Main 1st Floor next to Room 1-111	7/31/2024	9:34 AM	First Draw Lead	19-
William Allen HS	20-ALLEN-7/31-WC	Bottle Filler - Main 1st Floor next to Room 1-115	7/31/2024	9:33 AM	First Draw Lead	20-
William Allen HS	21-ALLEN-7/31-WC	Bottle Filler - Main Basement across from Room 1-003	7/31/2024	9:25 AM	First Draw Lead	21-
William Allen HS	22-ALLEN-7/31-WC	Bottle Filler - Main Basement Main Cafeteria	7/31/2024	9:24 AM	First Draw Lead	22-

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433681
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433681-01 **Collected By:** Client **Sampled:** 07/31/24 08:48 **Received:** 08/01/24 12:44
Sample Desc: 01-UT-7/31-WC- Bottle Filler - Basement by Bathrooms- First Draw Lead **Sample Type:** Grab
Add'l Info: Union Terrace - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/07/24		MPB

Lab ID: 2433681-02 **Collected By:** Client **Sampled:** 07/31/24 08:50 **Received:** 08/01/24 12:44
Sample Desc: 02-UT-7/31-WC- Bottle Filler - 1st Floor by Nurse- First Draw Lead **Sample Type:** Grab
Add'l Info: Union Terrace - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433681-03 **Collected By:** Client **Sampled:** 07/31/24 08:52 **Received:** 08/01/24 12:44
Sample Desc: 03-UT-7/31-WC- Bottle Filler - 1st Floor at 128 - First Draw Lead **Sample Type:** Grab
Add'l Info: Union Terrace - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

*Sam

2433681 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

:E

see form

Turnaround Time
- X Standard 10-day
- RUSH (*additional fees may apply)
- Need RUSH Results By: / /

Client: Element EW Solutions **Address:** 61 Willow St. Adamstown PA 19501

Contact: Dave Bertsch **Email:** IAQ@ezs.us **Phone:** 717-484-5111

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

_____ Composite Info
Start ___/___/_____ @ _____
Stop ___/___/_____ @ _____

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: EZS Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N								
		7-31-24	*	DW	X		(13)											

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water 1-EPA

* See attached spreadsheets for sample info for each bldg

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Mark Snyder	7.31.24	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By:	Date:	Time:
			Lauren Lynch	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Union Terrace	01-UT-7/31-WC	Bottle Filler - Basement by Bathrooms	7/31/2024	08:48:00	First Draw Lead	01-
Union Terrace	02-UT-7/31-WC	Bottle Filler - 1st Floor by Nurse	7/31/2024	08:50:00	First Draw Lead	02-
Union Terrace	03-UT-7/31-WC	Bottle Filler - 1st Floor at 128	7/31/2024	08:52:00	First Draw Lead	03-

-01
-02
-03

2433681

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

Certificate of Analysis

M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433685
Report: 08/13/24
Lab Contact: Rafael A Quijada

Attention: Dan Gensemer
Reported To: Element Environmental Solutions
61 Willow Street P.O. Box 921
Adamstown, PA 19501

Project Info: 10-Day TAT Lead in Drinking Water

Lab ID: 2433685-01 **Collected By:** Client **Sampled:** 07/31/24 09:17 **Received:** 08/01/24 12:00
Sample Desc: 01-LES-7/31- Bottle Filler - In Cafeteria - First Draw Lead **Sample Type:** Grab
Add'l Info: Lincoln ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

Lab ID: 2433685-02 **Collected By:** Client **Sampled:** 07/31/24 09:19 **Received:** 08/01/24 12:00
Sample Desc: 02-LES-7/31- Bottle Filler - 2nd Floor outside Boy's Bathroom - First Draw Lead **Sample Type:** Grab
Add'l Info: Lincoln ES - Allentown School District

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Lead	<0.001	mg/L	0.001	EPA 200.8 Rev 5.4	08/09/24		MPB

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

CHAIN OF CUSTODY RECORD

M. J. Reider Associates, Inc.
107 Angelica Street, Reading PA 19611
Phone: 610-374-5129 Fax: 610-374-7234
www.mjreider.com

2433685 PM: RAQ

Element Environmental Solutions
10-Day TAT Lead in Drinking Water

ICE
ise see form

Turnaround Time
- [X] Standard 10-day
- [ ] RUSH (*additional fees may apply)

Need RUSH Results By: / /

Client: Element EW Solutions
Address: 61 Willow St. Adamstown PA 19501
Contact: Dave Bertsch
Email: IAQ@e2s.us
Phone: 717-484-5111

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Composite Info
Start ___/___/___ @ ___
Stop ___/___/___ @ ___

Matrix Codes
WW = Waste Water
DW = Drinking Water
GW = Ground Water
ST = Storm Water
S = Soil/Solid
O = Other

Container Codes

Size	Type
L = Liter	(P) = Plastic
500 = 500mL	G = Glass
(250) = 250mL	V = VOA Vial
120 = 120mL	S = Sterile
40 = 40mL	O = Other

Preservative Codes
(N) = HNO3 T= Na2S2O3
S = H2SO4 E = EDTA
C = HCL Z = Zinc Acetate
P = H3PO4 L = NH4CL
H = NaOH A = Asc. Acid
R = NaAsO2 O = Other

If this chain of custody is used for reportable drinking water please include the PWSID#, location ID, sample type, & field data.

Notes: E2S Client: Allentown SD
Please include PO# on all reports + invoices

PWSID#

PO# 1027.0138

Sample Collected By: (required) Dave Bertsch Nick Spangler Dan Gensemer

LAB ID (Lab use only)	Sample Description (Location Name)	Date	Time	Matrix	Grab	Composite	Bottle Count	250	P	N								
		7-31-24	*	DW	X		(12)											

⇦ Container Size (use codes listed above)
⇦ Container Type (use codes listed above)
⇦ Preservative (use codes listed above)
⇩ Analyses Requested ⇩
Lead in Drinking Water - EPA

* See attached spreadsheets for sample info for each bldg *

Comments: (Lab use only)

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	7.31.24	12:44			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received @ MJRA By: [signature]	08/01/2024	1244

Sample Receipt (Lab use only)
Sample Temp (°C): 24.0
Samples on ice? Y (N) NA
Approved By: LEC
Entered By: LEC

The Client, by signing (or having the client's agent sign) this Chain of Custody Form agrees to MJRA's Terms and Conditions and to pay for the above requested services including any and all attorney fees if collection becom

Table 1 - Lead in Drinking Water Sampling - Sample Information for July 31, 2024 - Allentown School District

Building	Sample ID	Sample Description/Location	Date	Time	Sample Type	#
Lincoln ES	01-LES-7/31-WC	Bottle Filler - In Cafeteria	7/31/2024	09:17:00	First Draw Lead	01-
Lincoln ES	02-LES-7/31-WC	Bottle Filler - 2nd Floor outside Boy's Bathroom	7/31/2024	09:19:00	First Draw Lead	02-

-01

-02

2433685

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses**.** COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred)**.**

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)