

January 13, 2022

SCRSD21001

Attn: Mr. Robert Rucker
Director of Operations
Scranton School District
425 North Washington Street
Scranton, PA 18503

**RE: LEAD IN DRINKING WATER SAMPLING: 2021 SY
SCRANTON SCHOOL DISTRICT**

Dear Mr. Rucker:

The following report is provided to document the results of the annual lead in drinking water sampling conducted for the 2021-2022 school year (SY) at the Scranton School District buildings throughout Scranton, Pennsylvania.

BACKGROUND:

Pennoni is contracted by the Scranton School District to provide various environmental health and safety consultation services for schools across the district. As a part of this contract, Pennoni was requested to collect lead in drinking water samples from potential consumption (drinking and cooking water) sources in targeted areas throughout the district. Testing was conducted in all buildings to determine lead concentrations at representative potable drinking water sources in the district to meet compliance with the Pennsylvania School Code's Act 39 of 2018.

ACTIVITIES:

Sampling was performed by Pennoni representative Mr. Robert Pazzaglia (Graduate Health and Safety Professional) from November 10, 2021, to December 3, 2021, in accordance with procedures enacted by the U.S. Environmental Protection Agency¹. Samples were collected under first-draw methodologies, with a minimum of 8-18 hours of non-use. Sample media included new plastic containers, as supplied by the analytical laboratory, Microbac Laboratories, Inc. in Pittston, Pennsylvania. Sample locations were chosen by Mr. Carl Pugliese (Scranton School District) in consultation with Pennoni and was based on last year's sample locations.

Samples were delivered to Microbac Pittston within the same day of collection. Samples were subsequently sent to the Microbac laboratory in Pittsburgh, Pennsylvania for analysis due to capacity concerns. Microbac-Pittsburgh is a Pennsylvania Department of Environmental Protection Accredited Laboratory (certificate number 02-00257). All samples were collected and analyzed in accordance with U.S. Environmental Protection Agency (USEPA) Method 200.8. Results, summarized in Table I were compared to the following existing EPA criteria and action levels.

- USEPA²: 15 parts per billion (ppb)

The laboratory analytical report and associated chain of custody are attached in Appendix A.

¹ U.S. Environmental Protection Agency; 3Ts for reducing lead in Drinking Water

² U.S. Environmental Protection Agency; National Primary Drinking Water Regulations, Lead & Copper Rule; 40 CFR 141 Subpart I

Table 1 Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
John F. Kennedy Elementary	Floor: 1 st Source: Sink Location: Health Room	JK-01	5.5 ppb
	Floor: 1 st Source: Sink Location: Teachers' Lounge	JK-02	3.6 ppb
	Floor: 1 st Source: Sink Location: Kitchen 3 bay was sink (left)	JK-03	0.5 ppb
	Floor: 1 st Source: Sink Location: Kitchen 3 bay was sink (right)	JK-04	1.0 ppb
	Floor: 1 st Source: Sink Location: Kitchen Hand wash next to oven	JK-05	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Kitchen Prep Sink	JK-06	1.4 ppb
Whitter Elementary	Floor: 1 st Source: Sink Location: Kitchen slicer sink	WHIT-01	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Kitchen hand wash	WHIT-02	0.8 ppb
	Floor: 1 st Source: Sink Location: Kitchen 3 bay (left)	WHIT-03	<0.4 ppb
	Floor: 1 st Source: Sink Location: Kitchen 3 bay (right)	WHIT-04	0.6 ppb
	Floor: 1 st Source: Sink Location: Health Room Front (120)	WHIT-05	0.7 ppb
	Floor: 1 st Source: Sink Location: Health Room Back (122)	WHIT-06	0.8 ppb
	Floor: 2 nd Source: Sink Location: Room 211	WHIT-07	2.3 ppb
	Floor: 2 nd Source: Sink Location: Room 219	WHIT-08	< 0.4 ppb
	Floor: 2 nd Source: Sink Location: Library	WHIT-09	37 ppb
West Scranton High School	Floor: 3 rd Source: Sink Location: Kitchen Wash sink (left)	WSHS-01	0.4 ppb
	Floor: 3 rd Source: Sink Location: Kitchen Wash sink (right)	WSHS-02	3.5 ppb
	Floor: 3 rd Source: Sink Location: Kitchen 3 bay (right)	WSHS-03	1.1 ppb
	Floor: 3 rd Source: Sink Location: Kitchen 3 bay (left)	WSHS-04	2.9 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Robert Morris Elementary	Floor: 1 st Source: Sink Location: Multi-Purpose Room, 3 bay sink	RM-01	3.1 ppb
	Floor: 1 st Source: Sink Location: Multi-Purpose Room, hand wash	RM-02	4.0ppb
	Floor: Basement Source: Sink Location: Art Room	RM-03	11.2 ppb
	Floor: 1 st Source: Sink Location: Room 108 (right)	RM-04	36.6 ppb
	Floor: 1 st Source: Sink Location: Room 108 (left)	RM-05	12.0 ppb
	Floor: 1 st Source: Sink Location: Room 103	RM-06	9.8 ppb
	Floor: 1 st Source: Sink Location: Room 102	RM-07	8.7 ppb
	Floor: 2 nd Source: Sink Location: Room 204	RM-08	9.5 ppb
	Floor: 2 nd Source: Sink Location: Medical Room, Nurses Station	RM-09	0.4 ppb
	Floor: 2 nd Source: Sink Location: Medical Room, Bathroom	RM-10	5.0 ppb
	Floor: 2 nd Source: Sink Location: Room 208	RM-11	113 ppb
West Scranton Intermediate	Floor: 1 st Source: Sink Location: Kitchen hand wash sink	WSIS-01	6.0 ppb
	Floor: 1 st Source: Sink Location: Kitchen dish wash sink	WSIS-02	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Medical Room	WSIS-03	0.7 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Charles Sumner Elementary	Floor: Ground Floor Source: Sink Location: Room 103	CS-01	6.6 ppb
	Floor: Ground Floor Source: Sink Location: 102	CS-02	2.9 ppb
	Floor: 2 nd Source: Sink Location: Room 202	CS-03	5.4 ppb
	Floor: 2 nd Source: Sink Location: Room 205	CS-04	2.0 ppb
	Floor: 1 st Source: Sink Location: Principals Office	CS-05	2.1 ppb
	Floor: 1 st Source: Sink Location: Teachers Lounge	CS-06	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Room 003	CS-07	1.4 ppb
	Floor: 1 st Source: Sink Location: Room 002	CS-08	0.6 ppb
	Floor: 1 st Source: Sink Location: Janitors Office	CS-09	4.5 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
South Intermediate	Floor: Basement Source: Sink Location: Kitchen wash bay	SSI-01	0.6 ppb
	Floor: Basement Source: Sink Location: Kitchen Sanitize Bay	SSI-02	1.1 ppb
	Floor: Basement Source: Sink Location: Right Kettle	SSI-03	1.0 ppb
	Floor: Basement Source: Sink Location: Middle Kettle	SSI-04	2.6 ppb
	Floor: Basement Source: Sink Location: Left Kettle	SSI-05	3.2 ppb
	Floor: Basement Source: Sink Location: Rinse Sink (right)	SSI-06	10.5 ppb
	Floor: Basement Source: Sink Location: Rinse Sink (left)	SSI-07	1.1 ppb
	Floor: Basement Source: Ice Machine Location: Kitchen	SSI-08	< 0.4 ppb
	Floor: Basement Source: Sink Location: Dish Washer Sprayer	SSI-09	1.4 ppb
	Floor: 3 rd Source: Sink Location: Home Economics Sink 1	SSI-10	< 0.4 ppb
	Floor: 3 rd Source: Sink Location: Home Economics Sink 2	SSI-11	2.0 ppb
	Floor: 3 rd Source: Sink Location: Home Economics Sink 3	SSI-12	< 0.4 ppb
	Floor: 3 rd Source: Sink Location: Home Economics Sink 4	SSI-13	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Woman's Teachers' Lounge	SSI-14	1.4 ppb
	Floor: 1 st Source: Sink Location: Men's Teachers' Lounge	SSI-15	0.5 ppb
	Floor: 1 st Source: Sink Location: Room 114A	SSI-16	4.1 ppb
	Floor: 1 st Source: Water Fountain Location: Boys Locker Room Fountain	SSI-17	0.4 ppb
	Floor: 1 st Source: Sink Location: Boys Locker Room	SSI-18	4.8 ppb
	Floor: 1 st Source: Sink Location: Girls Locker Room	SSI-19	1.5 ppb
	Floor: 1 st Source: Sink Location: Medical Room (office)	SSI-20	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Medical Room (bathroom)	SSI-21	1.5 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Memorial Stadium	Floor: Ground Floor Source: Sink Location: Concession Stand Next to Office	MS-01	18.0 ppb
	Floor: Ground Floor Source: Sink Location: West Locker Room Cooler Fill	MS-02	1.0 ppb
	Floor: Ground Floor Source: Sink Location: West Cooler Fill	MS-03	1.3 ppb
	Floor: Ground Floor Source: Sink Location: West Coaches room bathroom	MS-04	31.0 ppb
	Floor: Ground Floor Source: Sink Location: Visitors Concession Stand	MS-05	6.8 ppb
	Floor: Ground Floor Source: Sink Location: Home Concession stand	MS-06	4.7 ppb
	Floor: Ground Floor Source: Sink Location: Home Locker Room Cooler fill	MS-07	1.6 ppb
	Floor: Ground Floor Source: Sink Location: Home Locker Room (right)	MS-08	< 0.4 ppb
	Floor: Ground Floor Source: Sink Location: Home Locker Room (left)	MS-09	5.7 ppb
	Floor: Ground Floor Source: Ice Machine Location: Home Concession stand (near salt shed)	MS-10	0.4 ppb
	Floor: Ground Floor Source: Sink Location: Home Concession stand (near salt shed)	MS-11	1.2 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Neil Armstrong Elementary	Floor: 1 st Source: Sink Location: Maintenance Bathroom	NA-01	4.2 ppb
	Floor: 1 st Source: Sink Location: Kitchen 3 bay	NA-02	3.5 ppb
	Floor: 1 st Source: Sink Location: Kitchen Hand wash	NA-03	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Art Room Middle Sink	NA-04	36.1 ppb
	Floor: 1 st Source: Sink Location: Room 124	NA-05	25.2 ppb
	Floor: 1 st Source: Sink Location: Room 127	NA-06	37.7 ppb
	Floor: 1 st Source: Sink Location: Library Office	NA-07	141.0 ppb
	Floor: 1 st Source: Sink Location: Teachers' Lounge	NA-08	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Health Room	NA-09	1.5 ppb
	Floor: 1 st Source: Sink Location: Room 104	NA-10	50.3 ppb
	Floor: 1 st Source: Sink Location: Room 106	NA-11	8.9 ppb
John Adams Elementary	Floor: 1 st Source: Sink Location: Kitchen 3 bay	JA-01	2.0 ppb
	Floor: 1 st Source: Sink Location: Kitchen hand wash	JA-02	7.9 ppb
	Floor: 1 st Source: Sink Location: Maintenance Office	JA-03	2.6 ppb
Willard Elementary	Floor: 1 st Source: Sink Location: Maintenance Kitchen Sink	Will-01	2.6 ppb
	Floor: 1 st Source: Sink Location: Kitchen 3 bay	Will-02	4.4 ppb
	Floor: 1 st Source: Sink Location: Medical Room	Will-03	8.4 ppb
	Floor: 1 st Source: Sink Location: Main Office	Will-04	1.6 ppb
	Floor: 2 nd Source: Sink Location: Teachers Lounge	Will-05	1.0 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
McNichols Plaza Elementary	Floor: 1 st Source: Sink Location: Café hand wash	MP-01	2.3 ppb
	Floor: 1 st Source: Sink Location: Café dishwash (left)	MP-02	1.1 ppb
	Floor: 1 st Source: Sink Location: Café dishwash (right)	MP-03	2.4 ppb
	Floor: 1 st Source: Sink Location: Boys Bathroom	MP-04	5.8 ppb
	Floor: 1 st Source: Sink Location: Bays Bathroom Near gym (middle)	MP-05	2.5 ppb
	Floor: 1 st Source: Sink Location: Bays Bathroom Near gym (left)	MP-06	2.0 ppb
	Floor: 1 st Source: Sink Location: Girls Bathroom Near Gym (left)	MP-07	11.3 ppb
	Floor: 1 st Source: Sink Location: Girls Bathroom Near Gym (middle)	MP-08	2.6 ppb
	Floor: 1 st Source: Sink Location: Girls Bathroom Near Gym (right)	MP-09	2.2 ppb
	Floor: 1 st Source: Sink Location: computer lab (left)	MP-10	6.2 ppb
	Floor: 1 st Source: Sink Location: computer lab (right)	MP-11	28.0 ppb
	Floor: 1 st Source: Sink Location: Kindergarten kitchenette	MP-12	2.4 ppb
	Floor: 1 st Source: Sink Location: Boy's 2 nd grade Bathroom (left)	MP-13	6.2 ppb
	Floor: 1 st Source: Sink Location: Boy's 2 nd grade Bathroom (middle)	MP-14	19.9 ppb
	Floor: 1 st Source: Sink Location: Boy's 2 nd grade Bathroom (right)	MP-15	4.3 ppb
	Floor: 1 st Source: Sink Location: Girl's 2 nd grade Bathroom (left)	MP-16	1.3 ppb
	Floor: 1 st Source: Sink Location: Girl's 2 nd grade Bathroom (middle)	MP-17	11.4 ppb
	Floor: 1 st Source: Sink Location: Girl's 2 nd grade Bathroom (right)	MP-18	5.1 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
McNichols Plaza Elementary	Floor: 1 st Source: Sink Location: 1 st grade box sink	MP-19	0.9 ppb
	Floor: 1 st Source: Sink Location: 1 st grade back wall	MP-20	53.4 ppb
	Floor: 1 st Source: Sink Location: Main office copy room	MP-22	1.7 ppb
	Floor: 1 st Source: Sink Location: Medical Room restroom	MP-23	4.2 ppb
	Floor: 1 st Source: Sink Location: Room Behind Medical Room	MP-24	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Room Behind Medical Room, bathroom	MP-25	1.4 ppb
	Floor: 1 st Source: Sink Location: 4 th grade sink (left)	MP-26	4.6 ppb
	Floor: 1 st Source: Sink Location: 4 th Grade sink (right)	MP-27	4.8 ppb
Prescott Elementary	Floor: 2 nd Source: Sink Location: Teachers' Lounge	PRES-01	1.2 ppb
	Floor: Basement Source: Sink Location: 3 bays in closet	PRES-02	8.7 ppb
	Floor: Basement Source: Sink Location: Medical Room	PRES-03	4.0 ppb
Isaac Tripp Elementary	Floor: 1 st Source: Sink Location: Kitchen bay 2	IT-01	3.2 ppb
	Floor: 1 st Source: Sink Location: Kitchen behind cash register (right)	IT-02	0.5 ppb
	Floor: 1 st Source: Sink Location: Kitchen behind cash register (left)	IT-03	2.0 ppb
	Floor: 1 st Source: Sink Location: Kitchen bay 1	IT-04	2.6 ppb
	Floor: 1 st Source: Sink Location: Kitchen middle	IT-05	1.0 ppb
	Floor: 1 st Source: Sink Location: medical room bathroom	IT-06	5.7 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Isaac Tripp Elementary	Floor: 1 st Source: Sink Location: medical room back	IT-07	0.4 ppb
	Floor: 1 st Source: Sink Location: faculty room main	IT-08	2.0 ppb
	Floor: 1 st Source: Sink Location: faculty room bathroom	IT-09	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Room 119	IT-10	< 0.4 ppb
	Floor: 1 st Source: Sink Location: Room 103	IT-11	< 0.4 ppb
Scranton High School	Floor: 2 nd Source: Sink Location: Main Office Kitchen	SHS-01	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Room 264	SHS-02	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Nurses Treatment Room	SHS-03	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Nurses Kitchen	SHS-04	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Trainers Room	SHS-05	< 1.0 ppb
	Floor: 1 st Source: Ice Machine Location: Trainers Room	SHS-06	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen Kettle #1	SHS-07	2.4 ppb
	Floor: 2 nd Source: Sink Location: Kitchen Kettle #2	SHS-08	1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen Dish was sink	SHS-09	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen hand wash near dishwash	SHS-10	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen prep sink near storage	SHS-11	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen 3 bay sink (left)	SHS-12	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen 3 bay sink (right)	SHS-13	1.1 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Scranton High School	Floor: 2 nd Source: Sink Location: Kitchen Taco Prep	SHS-14	4.1 ppb
	Floor: 2 nd Source: Sink Location: Kitchen Taco handwash	SHS-15	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Kitchen Deli prep	SHS-16	3.9 ppb
	Floor: 2 nd Source: Sink Location: Kitchen Deli handwash	SHS-17	16.1 ppb
	Floor: 2 nd Source: Ice Machine Location: Kitchen	SHS-18	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Guidance	SHS-19	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Teachers' lounge	SHS-20	< 1.0 ppb
	Floor: 3 rd Source: Sink Location: Teachers' lounge	SHS-21	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Room 140	SHS-22	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Room 141 (kitchen #2)	SHS-23	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Room 141 (kitchen #3)	SHS-24	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Room 141 (kitchen #4)	SHS-25	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Room 141 (Main Sink)	SHS-26	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Teachers' lounge	SHS-27	< 1.0 ppb
Northeast Intermediate	Floor: 1 st Source: Sink Location: Home Economics Sink 1	NEIS-01	1.6 ppb
	Floor: 1 st Source: Sink Location: Home Economics Sink 2	NEIS-02	0.9 ppb
	Floor: 1 st Source: Sink Location: Home Economics Sink 3	NEIS-03	1.1 ppb
	Floor: 1 st Source: Sink Location: Home Economics Sink 4	NEIS-04	1.1 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Northeast Intermediate	Floor: 1 st Source: Sink Location: Home Economics Sink 5	NEIS-05	3.8 ppb
	Floor: 1 st Source: Sink Location: Room 108	NEIS-06	1.1ppb
	Floor: 1 st Source: Sink Location: Room 121	NEIS-07	31.4 ppb
	Floor: 2 nd Source: Sink Location: Girls Locker Room	NEIS-08	4.5 ppb
	Floor: 3 rd Source: Sink Location: Teachers' Lounge (room 333)	NEIS-09	2,480 ppb
	Floor: 1 st Source: Sink Location: Medical Room Bathroom	NEIS-10	0.6 ppb
	Floor: 1 st Source: Sink Location: Medical Room Back Room (right)	NEIS-11	0.9 ppb
	Floor: 1 st Source: Sink Location: Medical Room Back Room (left) Isolation Room	NEIS-12	1.0 ppb
	Floor: 1 st Source: Sink Location: Medical Room Refrigerator	NEIS-13	< 0.4 ppb
	Floor: Basement Source: Sink Location: Kitchen Sink	NEIS-14	< 1.0 ppb
	Floor: Basement Source: Sink Location: Kitchen 3 bay	NEIS-15	2.6 ppb
	Floor: 1 st Source: Sink Location: Teachers' Lounge (room 106)	NEIS-16	1.0 ppb
Electric City	Floor: 1 st Source: Sink Location: Kitchen 3 bay dish wash	EC-01	1.8 ppb
	Floor: 1 st Source: Sink Location: Kitchen Hand Wash near refrigerator	EC-02	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Kitchen Prep	EC-03	3.1 ppb
	Floor: 1 st Source: Ice Machine Location: Kitchen	EC-04	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Faculty Lounge	EC-05	< 1.0 ppb
	Floor: 1 st Source: Sink Location: Medical Room	EC-06	< 1.0 ppb

Table 1 (Continued) Summary of Analytical Results: Lead in Drinking Scranton School District November 10, 2021, to December 3, 2021			
School	Location/Source	Sample ID	Results (ppb)
Electric City	Floor: 2 nd Source: Sink Location: Kitchen	EC-07	< 1.0 ppb
	Floor: 2 nd Source: Sink Location: Faculty Lounge	EC-08	2.2 ppb
	Floor: 2 nd Source: Sink Location: Cafeteria	EC-09	1.6 ppb

ppb – parts per billion

SUMMARY/CONCLUSIONS

Testing of targeted water consumption sources identified the following:

- 16 samples, as indicated in bold in the tables above, were identified as above the EPA Action Level of 15 ppb:
- Whitter Elementary
 - WHIT-09, 2nd Floor Library Sink, 37 ppb
- Robert Morris Elementary
 - RM-04, 1st Floor Room 108 (right) Sink, 36.6 ppb
 - RM-11, 2nd Floor Room 208 Sink, 113 ppb
- Memorial Stadium
 - MS-01, Ground Floor Concession Stand Next to Office, 18.0 ppb
 - MS-04, Ground Floor West Coaches Locker Room Sink, 31 ppb
- Neil Armstrong Elementary
 - NA-04, 1st Floor Art Room Middle Sink, 36.1 ppb
 - NA-05, 1st Floor Room 124 Sink, 25.2 ppb
 - NA-06, 1st Floor Room 127 Sink, 37.7 ppb
 - NA-07, 1st Floor Library Office Sink, 141 ppb
 - NA-101st Floor Room 104 Sink, 50.3 ppb
- McNichols Plaza Elementary
 - MP-11, 1st Floor Computer Lab (right) Sink, 28.2 ppb
 - MP-14, 1st Floor Boy's 2nd Grade Bathroom (middle) Sink, 19.9 ppb
 - MP-20, 1st Floor 1st Grade Back Wall Sink, 53.4 ppb
- Scranton High School
 - SHS-17, 2nd Floor Kitchen Deli Handwash Sink, 16.1 ppb
- Northeast Intermediate
 - NEIS-07, 1st Floor Room 121 Sink, 31.1 ppb
 - NEIS-09, 3rd Floor Room 333 Sink, 2,480 ppb

- All remaining results were below the EPA Action Level. No further action is required for these sources at this time.

For distribution points that tested >15 ppb, Pennoni recommends the following:

1. Prohibit use of all fixtures that contain more than 15 ppb (disabling, signage).
2. Retest the fixtures using the two-step bottle procedure (first draw and post flush) to determine if the source of the lead is the unit or the system.
3. Short term options include:
 - Install a point-of-use filter (NSF/ANSI Compliant)
 - Provide another water source (e.g., bottled water)
 - Flush prior to each use (based on results of additional testing)
 - Label "Not for Human Consumption"
 - Remove from service
4. Long term options include replacement of the fixtures, associated plumbing, pipes, or components, or reconfiguring the plumbing system. Prior to selecting a long-term option, further investigation into the source(s) of lead is necessary.

Since water sources not used for human consumption were excluded from tested (janitors' closet, etc.) they should be properly labeled with signage indicating **"Not for Human Consumption"**.

Required by Act 39 of 2018, elevated lead levels must be reported to the Pennsylvania Department of Education (PDE) and will be posted on PDE's website. The Lead in Drinking Water Report Form (PDF) should be used to report any elevated levels in schools. The completed form and/or any questions can be emailed to the PDE's Office for Safe Schools at RAEDLeadTesting@pa.gov. Maintain this report indefinitely per the PA Right-to-Know Act, 34 PA Code 301-323. Notify employees annually of their rights to access this information.

If you have any questions about this report or need additional information, please contact us at 570-291-0030.

Sincerely,

PENNONI ASSOCIATES INC.


Rob Pazzaglia

Graduate Health and Safety Professional



Rocco DiPietro, CSP

Senior Health and Safety Professional

Attachments:

Appendix A – Laboratory Analytical Report and Chain of Custody

APPENDIX A

Asbestos Analytical Report and Chain of Custody



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K0909

Pennoni Associates, Inc.

Robert Pazzaglia
1337 Veterans Memorial DR
Jessup, PA 18434

Project Name: Tripp, Plaza, Stadium

Project / PO Number: SCRSD21001, Lead in Water
Received: 11/10/2021
Reported: 11/23/2021

Analytical Testing Parameters

Client Sample ID:	IT-01	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/10/2021 6:54
Lab Sample ID:	T1K0909-01		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00325	0.015 AL	0.000400	mg/L		11/17/21 1640	11/17/21 1640	SEA

Client Sample ID:	IT-02	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/10/2021 6:55
Lab Sample ID:	T1K0909-02		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000538	0.015 AL	0.000400	mg/L		11/17/21 1652	11/17/21 1652	SEA

Client Sample ID:	IT-03	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/10/2021 6:56
Lab Sample ID:	T1K0909-03		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00201	0.015 AL	0.000400	mg/L		11/17/21 1653	11/17/21 1653	SEA

Client Sample ID:	IT-04	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/10/2021 6:58
Lab Sample ID:	T1K0909-04		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00268	0.015 AL	0.000400	mg/L		11/17/21 1655	11/17/21 1655	SEA

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Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: IT-05
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-05

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 6:59

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00106	0.015 AL	0.000400	mg/L		11/17/21 1657	11/17/21 1657	SEA

Client Sample ID: IT-06
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-06

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:02

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00579	0.015 AL	0.000800	mg/L		11/16/21 1334	11/16/21 1946	SEA

Client Sample ID: IT-07
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-07

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:03

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000409	0.015 AL	0.000400	mg/L		11/17/21 1659	11/17/21 1659	SEA

Client Sample ID: IT-08
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-08

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:07

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00209	0.015 AL	0.000400	mg/L		11/17/21 1703	11/17/21 1703	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: IT-09
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-09

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:09

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/17/21 1705	11/17/21 1705	SEA

Client Sample ID: IT-10
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-10

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:13

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/17/21 1707	11/17/21 1707	SEA

Client Sample ID: IT-11
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-11

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:22

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/17/21 1708	11/17/21 1708	SEA

Client Sample ID: MP-01
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-12

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:49

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00235	0.015 AL	0.000400	mg/L		11/17/21 1710	11/17/21 1710	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: MP-02
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-13

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:51

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00111	0.015 AL	0.000400	mg/L		11/17/21 1723	11/17/21 1723	SEA

Client Sample ID: MP-03
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-14

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:51

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00241	0.015 AL	0.000400	mg/L		11/17/21 1725	11/17/21 1725	SEA

Client Sample ID: MP-04
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-15

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:53

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00585	0.015 AL	0.000400	mg/L		11/17/21 1727	11/17/21 1727	SEA

Client Sample ID: MP-05
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-16

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:55

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00250	0.015 AL	0.000400	mg/L		11/17/21 1729	11/17/21 1729	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: MP-06
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-17

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:56

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00208	0.015 AL	0.000400	mg/L		11/17/21 1733	11/17/21 1733	SEA

Client Sample ID: MP-07
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-18

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:58

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0113	0.015 AL	0.000400	mg/L		11/17/21 1735	11/17/21 1735	SEA

Client Sample ID: MP-08
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-19

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:58

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00268	0.015 AL	0.000400	mg/L		11/17/21 1737	11/17/21 1737	SEA

Client Sample ID: MP-09
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-20

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 7:59

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00224	0.015 AL	0.000400	mg/L			11/17/21 1739	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: [MP-10](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-21](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:04](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00628	0.015 AL	0.000400	mg/L		11/17/21 1746	11/17/21 1746	SEA

Client Sample ID: [MP-11](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-22](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:04](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0280	0.015 AL	0.000400	mg/L		11/17/21 1755	11/17/21 1755	SEA

Client Sample ID: [MP-12](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-23](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:05](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00245	0.015 AL	0.000400	mg/L		11/17/21 1803	11/17/21 1803	SEA

Client Sample ID: [MP-13](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-24](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:10](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00628	0.015 AL	0.000400	mg/L		11/17/21 1805	11/17/21 1805	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: [MP-14](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-25](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:10](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0199	0.015 AL	0.000400	mg/L		11/17/21 1807	11/17/21 1807	SEA

Client Sample ID: [MP-15](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-26](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:10](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00435	0.015 AL	0.000400	mg/L		11/17/21 1814	11/17/21 1814	SEA

Client Sample ID: [MP-16](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-27](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:15](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0135	0.015 AL	0.000400	mg/L		11/17/21 1816	11/17/21 1816	SEA

Client Sample ID: [MP-17](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-28](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:15](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0114	0.015 AL	0.000400	mg/L		11/17/21 1818	11/17/21 1818	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: MP-18
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-29

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:15

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00511	0.015 AL	0.000400	mg/L		11/17/21 1820	11/17/21 1820	SEA

Client Sample ID: MP-19
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-30

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:24

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000948	0.015 AL	0.000400	mg/L		11/17/21 1824	11/17/21 1824	SEA

Client Sample ID: MP-20
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-31

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:26

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0534	0.015 AL	0.000400	mg/L		11/17/21 1825	11/17/21 1825	SEA

Client Sample ID: MP-22
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-32

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:28

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00179	0.015 AL	0.000400	mg/L		11/17/21 1827	11/17/21 1827	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: MP-23
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-33

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:30

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00422	0.015 AL	0.000400	mg/L		11/17/21 1835	11/17/21 1835	SEA

Client Sample ID: MP-24
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-34

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:30

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/17/21 1842	11/17/21 1842	SEA

Client Sample ID: MP-25
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-35

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:31

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00144	0.015 AL	0.000400	mg/L		11/17/21 1844	11/17/21 1844	SEA

Client Sample ID: MP-26
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-36

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 8:38

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00467	0.015 AL	0.000400	mg/L		11/17/21 1846	11/17/21 1846	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: [MP-27](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-37](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 8:39](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00483	0.015 AL	0.000400	mg/L		11/17/21 1848	11/17/21 1848	SEA

Client Sample ID: [MS-01](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-38](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 9:12](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0180	0.015 AL	0.000400	mg/L		11/17/21 1852	11/17/21 1852	SEA

Client Sample ID: [MS-02](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-39](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 9:15](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00108	0.015 AL	0.000400	mg/L		11/17/21 1854	11/17/21 1854	SEA

Client Sample ID: [MS-03](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K0909-40](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/10/2021 9:16](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00135	0.015 AL	0.000400	mg/L		11/17/21 1856	11/17/21 1856	SEA



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CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: MS-04
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-41

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:17

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0310	0.015 AL	0.000400	mg/L		11/17/21 1857	11/17/21 1857	SEA

Client Sample ID: MS-05
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-42

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:21

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00685	0.015 AL	0.000400	mg/L		11/17/21 1920	11/17/21 1920	SEA

Client Sample ID: MS-06
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-43

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:26

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00477	0.015 AL	0.000400	mg/L		11/17/21 1922	11/17/21 1922	SEA

Client Sample ID: MS-07
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-44

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:27

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00116	0.015 AL	0.000400	mg/L		11/17/21 1924	11/17/21 1924	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K0909

Client Sample ID: MS-08
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-45

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:28

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/17/21 1925	11/17/21 1925	SEA

Client Sample ID: MS-09
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-46

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:28

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00576	0.015 AL	0.000400	mg/L		11/17/21 1927	11/17/21 1927	SEA

Client Sample ID: MS-10
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-47

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:31

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000490	0.015 AL	0.000400	mg/L		11/17/21 1929	11/17/21 1929	SEA

Client Sample ID: MS-11
Sample Matrix: Drinking Water
Lab Sample ID: T1K0909-48

Collected By: Robert Pazzaglia
Collection Date: 11/10/2021 9:31

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00129	0.015 AL	0.000400	mg/L		11/17/21 1937	11/17/21 1937	SEA

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K0909

Definitions

AL:	US EPA Action Level
MCL:	US EPA Maximum Contaminant Level
mg/L:	Milligrams per Liter
RL:	Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
10121
02-00257

New York State Department of Health
PA Department of Environmental Protection
PADEP Accreditation by Rule

Microbac Laboratories, Inc., Pittston Division
35-05082

Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Shanna Nish
Customer Relationship Specialist
Reported: 11/23/2021 17:35

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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 19.2

Therm ID 7

Holding Time 4

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact: RPazzaglia@Pennon.com

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)

☐ RUSH* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project: SCRS021001, Lead in water testing

Location: TRIPP, PLAZA, STADIUM

PO No.:

Compliance Monitoring? ☐ Yes ☐ No

() Agency/Program

Sampled by (PRINT): Robert Pazzaglia

Sampler Signature: [Signature]

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note
	IT-01	11-10-21	0654	1	DW	G	1	
	IT-02		0655	1			1	
	IT-03		0656	1			1	
	IT-04		0658	1			1	
	IT-05		0659	1			1	
	IT-06		0702	1			1	
	IT-07		0703	1			1	
	IT-08		0707	1			1	
	IT-09		0709	1			1	
	IT-10		0713	1			1	

Possible Hazard Identification ☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition ☒ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

[Signature]

11-10-21/

Relinquished By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

[Signature]

11/10/21 1138

Received By (signature)

Date/Time

Received By (signature)

Date/Time

Pennon Associates, Inc. - Jessup
PM: Shanna Nish





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CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Report Type
[X] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

[X] Routine (5 to 7 business days)
[] RUSH* (notify lab)

(needed by)

Report Type

[X] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Send Report via: [] Mail [] Fax [X] e-mail (address)

Send Invoice via: [] Mail [] Fax [X] e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? [] Yes [] No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	IT-11	11-10-21	0722	1	DW	G	1	
	MP-01		0749	1			1	
	MP-02		0751	1			1	
	MP-03		0751	1			1	
	MP-04		0753	1			1	
	MP-05		0755	1			1	
	MP-06		0756	1			1	
	MP-07		0758	1			1	
	MP-08		0758	1			1	
	MP-09		0759	1			1	

Possible Hazard Identification

[] Hazardous [X] Non-Hazardous [] Radioactive

Sample Disposition

[X] Dispose as appropriate [] Return [] Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish



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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Lead	Additional Notes
	MP-10	11-10-21	0804	1	DW	G	1	✓	
	MP-11		0804	1			1	✓	
	MP-12		0805	1			1	✓	
	MP-13		0810	1			1	✓	
	MP-14		0810	1			1	✓	
	MP-15		0810	1			1	✓	
	MP-16		0815	1			1	✓	
	MP-17		0815	1			1	✓	
	MP-18		0815	1			1	✓	
	MP-19		0824	1			1	✓	

Possible Hazard Identification

☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition

☒ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone 570-291-0030
No.:

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	MP-20	11-10-21	0826	1	DW	G	1	✓
	MP-21	11-10-21	0827	1	DW	G	1	✓
	MP-22		0828	1			1	✓
	MP-23		0830	1			1	✓
	MP-24		0830	1			1	✓
	MP-25		0831	1			1	✓
	MP-26		0838	1			1	✓
	MP-27		0839	1			1	✓
	MS-01		0912	1			1	✓
	MS-02		0915	1			1	✓

Possible Hazard Identification

☐ Hazardous

☒ Non-Hazardous

☐ Radioactive

Sample Disposition

☒ Dispose as appropriate

☐ Return

☐ Archive

Comments

no ~~MP-21~~
MP-21

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
P.M.: Shanna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	MS-03	11-10-21	0916	1	DW G		1	
	MS-04		0917	1			1	
	MS-05		0921	1			1	
	MS-06		0926	1			1	
	MS-07		0927	1			1	
	MS-08		0928	1			1	
	MS-09		0928	1			1	
	MS-10		0931	1			1	
	MS-11		0931	1			1	

Possible Hazard Identification ☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition ☒ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Pennoni Associates, Inc.

Robert Pazzaglia
1337 Veterans Memorial DR
Jessup, PA 18434

Project Name: South, West HS, West Int. Sumner

Project / PO Number: SCRSD21001 - Lead in Water
Received: 11/17/2021
Reported: 11/23/2021

Analytical Testing Parameters

Client Sample ID: SSI- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-01

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:29

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000610	0.015 AL	0.000400	mg/L		11/19/21 1712	11/19/21 1712	SEA

Client Sample ID: SSI- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-02

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:29

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00115	0.015 AL	0.000400	mg/L		11/19/21 1720	11/19/21 1720	SEA

Client Sample ID: SSI- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-03

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:32

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00108	0.015 AL	0.000400	mg/L		11/19/21 1722	11/19/21 1722	SEA

Client Sample ID: SSI- 04
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-04

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:34

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00268	0.015 AL	0.000400	mg/L		11/19/21 1724	11/19/21 1724	SEA

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Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: SSI- 05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-05

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00320	0.015 AL	0.000400	mg/L		11/19/21 1725	11/19/21 1725	SEA

Client Sample ID: SSI- 06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-06

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0105	0.015 AL	0.000400	mg/L		11/19/21 1729	11/19/21 1729	SEA

Client Sample ID: SSI- 07
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-07

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:37

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00119	0.015 AL	0.000400	mg/L		11/19/21 1731	11/19/21 1731	SEA

Client Sample ID: SSI- 08
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-08

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:38

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1739	11/19/21 1739	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: SSI- 09
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-09

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:40

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00149	0.015 AL	0.000400	mg/L		11/19/21 1741	11/19/21 1741	SEA

Client Sample ID: SSI- 10
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-10

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:44

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1748	11/19/21 1748	SEA

Client Sample ID: SSI- 11
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-11

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:44

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00203	0.015 AL	0.000400	mg/L		11/19/21 1750	11/19/21 1750	SEA

Client Sample ID: SSI- 12
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-12

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:45

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1752	11/19/21 1752	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: SSI- 13
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-13

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:45

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1754	11/19/21 1754	SEA

Client Sample ID: SSI- 14
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-14

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:49

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00147	0.015 AL	0.000400	mg/L			11/19/21 1756	SEA

Client Sample ID: SSI- 15
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-15

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:51

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000503	0.015 AL	0.000400	mg/L		11/19/21 1757	11/19/21 1757	SEA

Client Sample ID: SSI- 16
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-16

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:52

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00418	0.015 AL	0.000400	mg/L		11/19/21 1759	11/19/21 1759	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: SSI- 17
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-17

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:54

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000412	0.015 AL	0.000400	mg/L		11/19/21 1814	11/19/21 1814	SEA

Client Sample ID: SSI- 18
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-18

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:56

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00486	0.015 AL	0.000400	mg/L		11/19/21 1822	11/19/21 1822	SEA

Client Sample ID: SSI- 19
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-19

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 7:58

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00153	0.015 AL	0.000400	mg/L		11/19/21 1824	11/19/21 1824	SEA

Client Sample ID: SSI- 20
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-20

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 8:00

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1826	11/19/21 1826	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: SSI- 21
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-21

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 8:02

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00150	0.015 AL	0.000400	mg/L		11/19/21 1827	11/19/21 1827	SEA

Client Sample ID: WSIS- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-22

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 8:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00609	0.015 AL	0.000400	mg/L		11/19/21 1829	11/19/21 1829	SEA

Client Sample ID: WSIS- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-23

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 8:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1831	11/19/21 1831	SEA

Client Sample ID: WSHS- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-24

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:00

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000459	0.015 AL	0.000400	mg/L		11/19/21 1833	11/19/21 1833	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: [WSHS- 02](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1082-25](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/17/2021 9:00](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00358	0.015 AL	0.000400	mg/L		11/19/21 1841	11/19/21 1841	SEA

Client Sample ID: [WSHS- 03](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1082-26](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/17/2021 9:02](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00110	0.015 AL	0.000400	mg/L		11/19/21 1842	11/19/21 1842	SEA

Client Sample ID: [WSHS- 04](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1082-27](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/17/2021 9:02](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00297	0.015 AL	0.000400	mg/L		11/19/21 1844	11/19/21 1844	SEA

Client Sample ID: [CS- 01](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1082-28](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/17/2021 9:24](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00661	0.015 AL	0.000400	mg/L		11/19/21 1852	11/19/21 1852	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: CS- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-29

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:26

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00291	0.015 AL	0.000400	mg/L		11/19/21 1854	11/19/21 1854	SEA

Client Sample ID: CS- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-30

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:28

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00541	0.015 AL	0.000400	mg/L		11/19/21 1856	11/19/21 1856	SEA

Client Sample ID: CS- 04
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-31

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:30

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00204	0.015 AL	0.000400	mg/L		11/19/21 1857	11/19/21 1857	SEA

Client Sample ID: CS- 05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-32

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:32

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00212	0.015 AL	0.000400	mg/L		11/19/21 1859	11/19/21 1859	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Client Sample ID: CS- 06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-33

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:33

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/19/21 1907	11/19/21 1907	SEA

Client Sample ID: CS- 07
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-34

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00149	0.015 AL	0.000400	mg/L		11/19/21 1909	11/19/21 1909	SEA

Client Sample ID: CS- 08
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-35

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:38

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000612	0.015 AL	0.000400	mg/L		11/19/21 1911	11/19/21 1911	SEA

Client Sample ID: CS- 09
Sample Matrix: Drinking Water
Lab Sample ID: T1K1082-36

Collected By: Robert Pazzaglia
Collection Date: 11/17/2021 9:40

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00458	0.015 AL	0.000400	mg/L		11/19/21 1912	11/19/21 1912	SEA

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1082

Definitions

AL:	US EPA Action Level
MCL:	US EPA Maximum Contaminant Level
mg/L:	Milligrams per Liter
RL:	Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
10121
02-00257

New York State Department of Health
PA Department of Environmental Protection
PADEP Accreditation by Rule

Microbac Laboratories, Inc., Pittston Division
35-05082

Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Shanna Nish
Customer Relationship Specialist
Reported: 11/23/2021 17:35

Microbac Laboratories, Inc.

428 Route 315 | Pittston, PA 18640 | 570-348-0775 p | www.microbac.com

Page 10 of 14



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3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 15.4
Therm ID 7

Holding Time 7

Samples Received on Ice? ☒ Yes ☐ No N/A

Custody Seals Intact? Yes ☒ No ☐ N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact: R Pazzaglia @ Pennoni.com

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project: SCRS D21001 - Lead in water testing Location: South, west HS, west in SUMMER

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT): Robert Pazzaglia

Sampler

Signature: Robert Pazzaglia

Sampler Phone 570-291-0030
No.:

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Lead	Additional Note:
	SS1-01	11-17-21	0729	1	DW	G	1	✓	
	SS1-02		0729	1			1	✓	
	SS1-03		0732	1			1	✓	
	SS1-04		0734	1			1	✓	
	SS1-05		0736	1			1	✓	
	SS1-06		0736	1			1	✓	
	SS1-07		0737	1			1	✓	
	SS1-08		0738	1			1	✓	
	SS1-09		0740	1			1	✓	
	SS1-10		0744	1			1	✓	

Possible Hazard Identification

☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition ☒ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Robert Pazzaglia

Relinquished By (signature)

Relinquished By (signature)

Date/Time

11-17-21/1045

Date/Time

Date/Time

Received By (signature)

Shanna Nish

Received By (signature)

Received By (signature)

Date/Time

11/17/21 1050

Date/Time

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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Harrisburg, PA 17112
717.651.9700

3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

[X] Routine (5 to 7 business days)
[] RUSH* (notify lab)

Report Type

[X] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Send Report via: [] Mail [] Fax [X] e-mail (address)

Send Invoice via: [] Mail [] Fax [X] e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? [] Yes [] No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note
	SS-11	11-17-21	0744	1	DW	G		
	SS1-12		0745	1				
	SS1-13		0745	1				
	SS1-14		0749	1				
	SS1-15		0751	1				
	SS1-16		0752	1				
	SS1-17		0754	1				
	SS1-18		0756	1				
	SS1-19		0758	1				
	SS1-20		0800	1				

Possible Hazard Identification [] Hazardous [] Non-Hazardous [] Radioactive

Comments

Sample Disposition [] Dispose as appropriate [] Return [] Archive

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

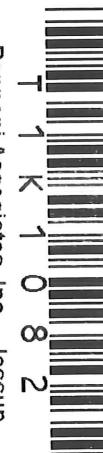
Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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3719 Garrett Rd.
 Drexel Hill, PA 19026
 484.461.9722

CHAIN OF CUSTODY REPORT

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
 Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
 () Agency/Program

Sampled by (PRINT):

Sampler
 Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	SS1-21	11-17-21	0802	1	DW	G	1	
	WS1S-01		0836				1	
	WS1S-02		0836				1	
	WSHS-01		0900				1	
	WSHS-02		0900				1	
	WSHS-03		0902				1	
	WSHS-04		0902				1	
	CS-01		0924				1	
	CS-02		0926				1	
	CS-03		0928				1	

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
 PM: Shanna Nish





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717.651.9700

3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ JEDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone
No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Not
	CS-04	11-17-21	0930	1	DW	G		
	CS-05		0932	1				
	CS-06		0933	1				
	CS-07		0936	1				
	CS-08		0938	1				
	CS-09		0940	1				

Possible Hazard Identification

☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition

☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

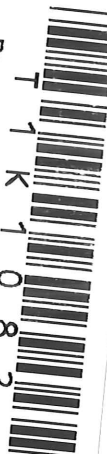
Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
Pm: Shanna Nish





Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Pennoni Associates, Inc.

Robert Pazzaglia
1337 Veterans Memorial DR
Jessup, PA 18434

Project Name: SCRSD21001

Project / PO Number: N/A
Received: 11/19/2021
Reported: 12/06/2021

Analytical Testing Parameters

Client Sample ID:	JK -01	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/19/2021 7:09
Lab Sample ID:	T1K1215-01		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00559	0.015 AL	0.000400	mg/L		11/24/21 1719	11/24/21 1719	SEV

Client Sample ID:	JK -02	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/19/2021 7:10
Lab Sample ID:	T1K1215-02		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00364	0.015 AL	0.000400	mg/L		11/24/21 1721	11/24/21 1721	SEV

Client Sample ID:	JK -03	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/19/2021 7:12
Lab Sample ID:	T1K1215-03		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000560	0.015 AL	0.000400	mg/L		11/24/21 1729	11/24/21 1729	SEV

Client Sample ID:	JK -04	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/19/2021 7:12
Lab Sample ID:	T1K1215-04		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00104	0.015 AL	0.000400	mg/L		11/24/21 1731	11/24/21 1731	SEV

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Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: JK -05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-05

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:15

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/24/21 1732	11/24/21 1732	SEV

Client Sample ID: JK -06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-06

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:20

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00148	0.015 AL	0.000400	mg/L		11/24/21 1734	11/24/21 1734	SEV

Client Sample ID: Whit- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-07

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:36

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/24/21 1759	11/24/21 1759	SEV

Client Sample ID: Whit- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-08

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:38

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000831	0.015 AL	0.000800	mg/L		11/26/21 1042	11/30/21 1949	EMB



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: Whit- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-09

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:40

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/24/21 1806	11/24/21 1806	SEV

Client Sample ID: Whit- 04
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-10

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:40

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000696	0.015 AL	0.000400	mg/L		11/24/21 1814	11/24/21 1814	SEV

Client Sample ID: Whit- 05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-11

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:43

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000708	0.015 AL	0.000400	mg/L		11/24/21 1816	11/24/21 1816	SEV

Client Sample ID: Whit- 06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-12

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:44

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000818	0.015 AL	0.000400	mg/L		11/24/21 1817	11/24/21 1817	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: Whit- 07
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-13

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:47

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00234	0.015 AL	0.000400	mg/L		11/24/21 1819	11/24/21 1819	SEV

Client Sample ID: Whit- 08
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-14

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:50

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/24/21 1821	11/24/21 1821	SEV

Client Sample ID: Whit- 09
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-15

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 7:52

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0370	0.015 AL	0.000800	mg/L		11/26/21 1042	11/30/21 1956	EMB

Client Sample ID: Pres- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-16

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:08

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00121	0.015 AL	0.000400	mg/L		11/24/21 1825	11/24/21 1825	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: Pres- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-17

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:10

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00878	0.015 AL	0.000400	mg/L		11/24/21 1827	11/24/21 1827	SEV

Client Sample ID: Pres- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-18

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:12

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00403	0.015 AL	0.000400	mg/L		11/24/21 1829	11/24/21 1829	SEV

Client Sample ID: JA- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-19

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:21

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00208	0.015 AL	0.000400	mg/L		11/24/21 1831	11/24/21 1831	SEV

Client Sample ID: JA- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-20

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:22

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00798	0.015 AL	0.000400	mg/L		11/24/21 1844	11/24/21 1844	SEV



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CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: JA- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-21

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:24

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00268	0.015 AL	0.000400	mg/L		11/24/21 1846	11/24/21 1846	SEV

Client Sample ID: Rm- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-22

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:39

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00310	0.015 AL	0.000400	mg/L			11/24/21 1848	SEV

Client Sample ID: Rm- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-23

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:40

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00408	0.015 AL	0.000400	mg/L		11/24/21 1849	11/24/21 1849	SEV

Client Sample ID: Rm- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-24

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:42

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0112	0.015 AL	0.000400	mg/L		11/24/21 1851	11/24/21 1851	SEV



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CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: Rm- 04
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-25

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:44

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0366	0.015 AL	0.000800	mg/L		11/26/21 1042	11/30/21 1958	EMB

Client Sample ID: Rm- 05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-26

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:46

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0120	0.015 AL	0.000400	mg/L		11/24/21 1855	11/24/21 1855	SEV

Client Sample ID: Rm- 06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-27

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:49

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00985	0.015 AL	0.000400	mg/L		11/24/21 1857	11/24/21 1857	SEV

Client Sample ID: Rm- 07
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-28

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 8:51

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00879	0.015 AL	0.000400	mg/L		11/24/21 1859	11/24/21 1859	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: [Rm- 08](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1215-29](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/19/2021 8:53](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00957	0.015 AL	0.000400	mg/L		11/24/21 1901	11/24/21 1901	SEV

Client Sample ID: [Rm- 09](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1215-30](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/19/2021 8:55](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000411	0.015 AL	0.000400	mg/L		11/24/21 1914	11/24/21 1914	SEV

Client Sample ID: [Rm- 10](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1215-31](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/19/2021 8:56](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00502	0.015 AL	0.000400	mg/L		11/24/21 1921	11/24/21 1921	SEV

Client Sample ID: [Rm- 11](#)
Sample Matrix: [Drinking Water](#)
Lab Sample ID: [T1K1215-32](#)

Collected By: [Robert Pazzaglia](#)
Collection Date: [11/19/2021 8:58](#)

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.113	0.015 AL	0.000800	mg/L		11/30/21 1534	11/30/21 1534	EMB



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CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: NA- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-33

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:16

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00420	0.015 AL	0.000400	mg/L		11/24/21 1925	11/24/21 1925	SEV

Client Sample ID: NA- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-34

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:18

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00352	0.015 AL	0.000400	mg/L		11/24/21 1932	11/24/21 1932	SEV

Client Sample ID: NA- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-35

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:19

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/24/21 1934	11/24/21 1934	SEV

Client Sample ID: NA- 04
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-36

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:20

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0361	0.015 AL	0.000400	mg/L		11/24/21 1936	11/24/21 1936	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: NA- 05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-37

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:25

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0252	0.015 AL	0.000400	mg/L		11/24/21 1938	11/24/21 1938	SEV

Client Sample ID: NA- 06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-38

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:27

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0377	0.015 AL	0.000400	mg/L		11/24/21 1942	11/24/21 1942	SEV

Client Sample ID: NA- 07
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-39

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:31

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.141	0.015 AL	0.000800	mg/L		11/30/21 1536	11/30/21 1536	EMB

Client Sample ID: NA- 08
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-40

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:33

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		11/24/21 1946	11/24/21 1946	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: NA- 09
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-41

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:35

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00153	0.015 AL	0.000400	mg/L		11/24/21 1957	11/24/21 1957	SEV

Client Sample ID: NA- 10
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-42

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:37

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0503	0.015 AL	0.000400	mg/L		11/24/21 1959	11/24/21 1959	SEV

Client Sample ID: NA- 11
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-43

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:39

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00898	0.015 AL	0.000400	mg/L		11/24/21 2001	11/24/21 2001	SEV

Client Sample ID: Will- 01
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-44

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:56

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00266	0.015 AL	0.000400	mg/L		11/24/21 2002	11/24/21 2002	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: Will- 02
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-45

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 9:58

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00448	0.015 AL	0.000400	mg/L		11/24/21 2004	11/24/21 2004	SEV

Client Sample ID: Will- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-46

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 10:00

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00846	0.015 AL	0.000400	mg/L		11/24/21 2008	11/24/21 2008	SEV

Client Sample ID: Will- 04
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-47

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 10:02

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00166	0.015 AL	0.000400	mg/L		11/24/21 2010	11/24/21 2010	SEV

Client Sample ID: Will-05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-48

Collected By: Robert Pazzaglia
Collection Date: 11/19/2021 10:04

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00102	0.015 AL	0.000400	mg/L		11/24/21 2012	11/24/21 2012	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1215

Client Sample ID: WSIS- 03
Sample Matrix: Drinking Water
Lab Sample ID: T1K1215-49

Collected By: Robert Pazzaglia
Collection Date: 11/18/2021 7:15

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000729	0.015 AL	0.000400	mg/L		11/24/21 2014	11/24/21 2014	SEV

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

AL: US EPA Action Level
MCL: US EPA Maximum Contaminant Level
mg/L: Milligrams per Liter
RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
10121
02-00257

New York State Department of Health
PA Department of Environmental Protection
PADEP Accreditation by Rule

Microbac Laboratories, Inc., Pittston Division
35-05082

Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.**

Reviewed and Approved By:

Shanna Nish
Customer Relationship Specialist
Reported: 12/06/2021 16:53

Microbac Laboratories, Inc.

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Page 13 of 18



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570.348.0775

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Harrisburg, PA 17112
717.651.9700

3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 18.4
Therm ID 1

Holding Time 1

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact: RPazzaglia@Pennoni.com

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via:

☐ Mail ☐ Fax ☒ e-mail (address)

Project: SCRSD21001-Lead in water testing

Location: Kennedy, Whitfield, Prescott Adams, Morris, Armstrong, W. Hillard

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT): Robert T. Pazzaglia

Sampler Signature: [Signature]

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	SK-01	11-19-21	0709	1	DW	G	1	Lead ✓
	SK-02		0710	1			1	✓
	SK-03		0712	1			1	✓
	SK-04		0712	1			1	✓
	SK-05		0715	1			1	✓
	SK-06		0720	1			1	✓
	Whit-01		0736	1			1	✓
	Whit-02		0738	1			1	✓
	Whit-03		0740	1			1	✓
	Whit-04		0740	1			1	✓

Possible Hazard Identification

☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition

☒ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

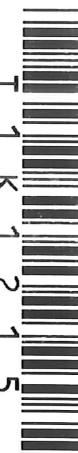
Received By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

[X] Routine (5 to 7 business days)
[] RUSH* (notify lab)

Report Type

[X] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Send Report via: [] Mail [] Fax [X] e-mail (address)

Send Invoice via: [] Mail [] Fax [X] e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? [] Yes [] No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone
No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note
	Whit - 05	11-19-21	0743	1	DW	G		
	Whit - 06		0744	1				
	Whit - 07		0747	1				
	Whit - 08		0750	1				
	Whit - 09		0752	1				
	Pres - 01		0808	1				
	Pres - 02		0810	1				
	Pres - 03		0812	1				
	SA - 01		0821	1				
	SA - 02		0822	1				

Possible Hazard Identification [] Hazardous [] Non-Hazardous [] Radioactive

Sample Disposition [] Dispose as appropriate [] Return [] Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

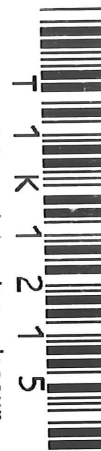
Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note:
	SA-03	11-19-21	0824	1	DW	G		
	RM-01		0839	1				
	RM-02		0840	1				
	RM-03		0842	1				
	RM-04		0844	1				
	RM-05		0846	1				
	RM-06		0849	1				
	RM-07		0851	1				
	RM-08		0853	1				
	RM-09		0855	1				

Possible Hazard Identification

☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition

☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Sharna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	RM-10	11-19-21	0856	1	DW	G	1	
	RM-11		0858	1			1	
	NA-01		0916	1			1	
	NA-02		0918	1			1	
	NA-03		0919	1			1	
	NA-04		0920	1			1	
	NA-05		0925	1			1	
	NA-06		0927	1			1	
	NA-07		0931	1			1	
	NA-08		0933	1			1	

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

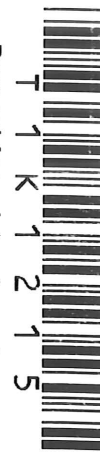
Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
P.M. Shanna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone 570-291-0030
No.:

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	NA-09	11-19-21	0935	1	DW	G	1	✓
	NA-10		0937	1			1	✓
	NA-11		0939	1			1	✓
	W:11-01		0956	1			1	✓
	W:11-02		0958	1			1	✓
	W:11-03		1000	1			1	✓
	W:11-04		1002	1			1	✓
	W:11-05		1004	1			1	✓
	WSIS-03	11/18/21	0715	1	DW	G	1	✓

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

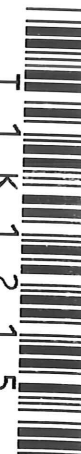
Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1325

Pennoni Associates, Inc.

Robert Pazzaglia
1337 Veterans Memorial DR
Jessup, PA 18434

Project Name: SCRSD21001- Water, Northeast

Project / PO Number: SCRSD21001
Received: 11/24/2021
Reported: 12/30/2021

Analytical Testing Parameters

Client Sample ID:	NEIS -01	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/24/2021 7:25
Lab Sample ID:	T1K1325-01		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00162	0.015 AL	0.000400	mg/L		12/02/21 1805	12/02/21 1805	SEA

Client Sample ID:	NEIS- 02	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/24/2021 7:25
Lab Sample ID:	T1K1325-02		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000905	0.015 AL	0.000400	mg/L		12/02/21 1807	12/02/21 1807	SEA

Client Sample ID:	NEIS- 03	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/24/2021 7:27
Lab Sample ID:	T1K1325-03		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00111	0.015 AL	0.000400	mg/L		12/02/21 1814	12/02/21 1814	SEA

Client Sample ID:	NEIS- 04	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	11/24/2021 7:27
Lab Sample ID:	T1K1325-04		

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00117	0.015 AL	0.000400	mg/L		12/02/21 1816	12/02/21 1816	SEA

Microbac Laboratories, Inc.

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Page 1 of 6



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1325

Client Sample ID: NEIS- 05
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-05

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 7:30

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00382	0.015 AL	0.000400	mg/L		12/02/21 1844	12/02/21 1844	SEA

Client Sample ID: NEIS- 06
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-06

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 7:33

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00112	0.015 AL	0.000400	mg/L		12/02/21 1855	12/02/21 1855	SEA

Client Sample ID: NEIS- 07
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-07

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 7:35

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0314	0.015 AL	0.000400	mg/L		12/02/21 1857	12/02/21 1857	SEA

Client Sample ID: NEIS- 08
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-08

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 7:47

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00450	0.015 AL	0.000400	mg/L		12/02/21 1859	12/02/21 1859	SEA



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1325

Client Sample ID: NEIS- 09
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-09

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 7:52

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.48	0.015 AL	0.0400	mg/L	D3	12/03/21 1855	12/03/21 1855	SEA

Client Sample ID: NEIS- 10
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-10

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 8:01

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000617	0.015 AL	0.000400	mg/L		12/03/21 1857	12/03/21 1857	SEA

Client Sample ID: NEIS- 11
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-11

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 8:03

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000950	0.015 AL	0.000400	mg/L		12/27/21 1600	12/27/21 1600	SEV

Client Sample ID: NEIS- 12
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-12

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 8:05

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00107	0.015 AL	0.000400	mg/L		12/27/21 1602	12/27/21 1602	SEV



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1K1325

Client Sample ID: NEIS- 13
Sample Matrix: Drinking Water
Lab Sample ID: T1K1325-13

Collected By: Robert Pazzaglia
Collection Date: 11/24/2021 8:07

Analyses Performed by: Microbac Laboratories Inc., Pittsburgh Division

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015 AL	0.000400	mg/L		12/27/21 1604	12/27/21 1604	SEV

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

AL: US EPA Action Level
D3: Dilution was performed due to high target analyte concentration.
MCL: US EPA Maximum Contaminant Level
mg/L: Milligrams per Liter
RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
10121
02-00257

New York State Department of Health
PA Department of Environmental Protection
PADEP Accreditation by Rule

Microbac Laboratories, Inc., Pittston Division
35-05082

Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.**

Reviewed and Approved By:

Shanna Nish
Customer Relationship Specialist
Reported: 12/30/2021 10:30

Microbac Laboratories, Inc.

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3821 Buck Dr.
Cortland, NY 13045
607.753.3403

2369 Elmira St., Suite C
Sayre, PA 18840
570.888.0169

428 Route 315 Hwy
Pittston, PA 18640
570.348.0775

4359 Linglestown Rd.
Harrisburg, PA 17112
717.651.9700

3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 12.0

Therm ID 7

Holding Time Y

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact: R Pazzaglia @ Pennoni. Com

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)

☐ RUSH* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project: SCRS221001- WATER

Location: Northeast

PO No.:

Compliance Monitoring? ☐ Yes ☐ No

() Agency/Program

Sampled by (PRINT): Robert Pazzaglia

Sampler
Signature: R Pazzaglia

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note
	NEIS-01	11-24-21	0725	1	DW	G		
	NEIS-02		0725	1				
	NEIS-03		0727	1				
	NEIS-04		0727	1				
	NEIS-05		0730	1				
	NEIS-06		0733	1				
	NEIS-07		0735	1				
	NEIS-08		0747	1				
	NEIS-09		0752	1				
	NEIS-10		0801	1				

Possible Hazard Identification

☐ Hazardous

☒ Non-Hazardous

☐ Radioactive

Sample Disposition

☒ Dispose as appropriate

☐ Return

☐ Archive

Comments

Relinquished By (signature)

Date/Time

R Pazzaglia

11-24-21/1200

Relinquished By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

CA

11/24/21 1201

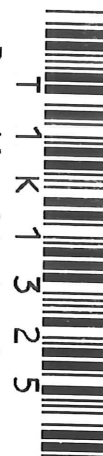
Received By (signature)

Date/Time

Received By (signature)

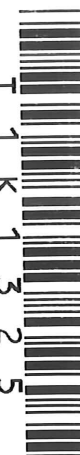
Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shama Nish



**3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722**

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Pennoni Associates, Inc.

Robert Pazzaglia
1337 Veterans Memorial DR
Jessup, PA 18434

Project Name: Northeast, Scranton HS, Electric
City

Project / PO Number: SCRSD21001

Received: 12/03/2021

Reported: 12/16/2021

Analytical Testing Parameters

Client Sample ID: EC - 01
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-01

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:20

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0018	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1318	LLW

Client Sample ID: EC - 02
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-02

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:22

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1323	LLW

Client Sample ID: EC - 03
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-03

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:24

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0031	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1325	LLW

Client Sample ID: EC - 04
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-04

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:25

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1327	LLW

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Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: EC - 05
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-05

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:27

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1329	LLW

Client Sample ID: EC - 06
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-06

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:31

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1331	LLW

Client Sample ID: EC - 07
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-07

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:35

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1336	LLW

Client Sample ID: EC - 08
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-08

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:37

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0022	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1338	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: EC - 09
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-09

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 7:40

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0016	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1340	LLW

Client Sample ID: NEIS - 14
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-10

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 8:09

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1342	LLW

Client Sample ID: NEIS - 15
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-11

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 8:09

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0026	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1344	LLW

Client Sample ID: NEIS - 16
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-12

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 8:12

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1348	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 01
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-13

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 8:56

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1349	LLW

Client Sample ID: SHS - 02
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-14

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 8:56

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1351	LLW

Client Sample ID: SHS - 03
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-15

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 9:00

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1353	LLW

Client Sample ID: SHS - 04
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-16

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 9:02

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1359	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 05
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-17

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 9:05

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1401	LLW

Client Sample ID: SHS - 06
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-18

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 9:06

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1403	LLW

Client Sample ID: SHS - 07
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-19

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:45

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0024	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1404	LLW

Client Sample ID: SHS - 08
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-20

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:47

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0010	0.015 AL	0.0010	mg/L		12/08/21 1147	12/08/21 1406	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 09
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-21

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:49

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1200	LLW

Client Sample ID: SHS - 11
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-23

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:51

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1205	LLW

Client Sample ID: SHS - 12
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-24

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:52

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1207	LLW

Client Sample ID: SHS - 13
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-25

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:54

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0011	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1209	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 14
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-26

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:55

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0041	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1211	LLW

Client Sample ID: SHS - 15
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-27

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:55

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1213	LLW

Client Sample ID: SHS - 16
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-28

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:56

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0039	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1218	LLW

Client Sample ID: SHS - 17
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-29

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:56

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0161	0.015 AL	0.0010	mg/L		12/09/21 1301	12/10/21 1315	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 18
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-30

Collected By: Robert Pazzaglia
Collection Date: 12/02/2021 9:20

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1220	LLW

Client Sample ID: SHS - 19
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-31

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 6:58

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1222	LLW

Client Sample ID: SHS - 20
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-32

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:00

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1224	LLW

Client Sample ID: SHS - 21
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-33

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:05

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1226	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 22
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-34

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:07

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1229	LLW

Client Sample ID: SHS - 23
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-35

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:10

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1231	LLW

Client Sample ID: SHS - 24
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-36

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:11

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1233	LLW

Client Sample ID: SHS - 25
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-37

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:12

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1235	LLW



Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0644

Client Sample ID: SHS - 26
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-38

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:14

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1241	LLW

Client Sample ID: SHS - 27
Sample Matrix: Drinking Water
Lab Sample ID: T1L0644-39

Collected By: Robert Pazzaglia
Collection Date: 12/03/2021 7:17

Analyses Performed by: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		12/08/21 1148	12/08/21 1242	LLW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

AL: US EPA Action Level
MCL: US EPA Maximum Contaminant Level
mg/L: Milligrams per Liter
RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
68-04413

Pennsylvania Department of Environmental Protection

Microbac Laboratories, Inc., Pittston Division
35-05082

Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.**

Reviewed and Approved By:

Shanna Nish
Customer Relationship Specialist
Reported: 12/16/2021 13:22

Microbac Laboratories, Inc.

428 Route 315 | Pittston, PA 18640 | 570-348-0775 p | www.microbac.com

Page 10 of 14



3821 Buck Dr.
Cortland, NY 13045
607.753.3403

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Sayre, PA 18840
570.888.0169

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570.348.0775

4359 Linglestown Rd.
Harrisburg, PA 17112
717.651.9700

3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 15.7

Therm ID 7

Holding Time 7

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact: RPazzaglia@Pennoni.com

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)

☐ RUSH* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project: SCRSJ 21001-Lead in water testing

Location: Northeast, Scranton HS, PO No.:

Compliance Monitoring? ☐ Yes ☐ No

() Agency/Program

Sampled by (PRINT): Robert Pazzaglia

Sampler Signature: [Signature]

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note
	EC-01	12-2-21	0720	1	DW	G	1	✓
	EC-02		0722	1			1	✓
	EC-03		0724	1			1	✓
	EC-04		0725	1			1	✓
	EC-05		0727	1			1	✓
	EC-06		0731	1			1	✓
	EC-07		0735	1			1	✓
	EC-08		0737	1			1	✓
	EC-09		0740	1			1	✓
	NE15-14		0809	1			1	✓

Possible Hazard Identification ☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Comments

Sample Disposition ☒ Dispose as appropriate ☐ Return ☐ Archive

Relinquished By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Received By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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3719 Garrett Rd.
Drexel Hill, PA 19026
484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Lab Report Address

Invoice Address

Turnaround Time

Client Name: PENNONI

Client Name: -SAME-

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Temperature Upon Receipt (°C)
Therm ID

Address: 1337 Veterans Memorial Drive

Address:

Holding Time

City, State, Zip: Jessup, PA 18434

City, State, Zip:

(needed by)

Samples Received on Ice? Yes No N/A

Contact:

Contact:

Report Type

Custody Seals Intact? Yes No N/A

Telephone No.: 570-291-0030

Telephone No.:

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ JEDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	NE15-15	12-2-21	0809	1	DW	G	1	
	NE15-16		0812	1			1	
	SHS-01		0856	1			1	
	SHS-02		0856	1			1	
	SHS-03		0900	1			1	
	SHS-04		0902	1			1	
	SHS-05		0905	1			1	
	SHS-06		0906	1			1	
	SHS-07	12-3-21	0645	1			1	
	SHS-08		0647	1			1	

Possible Hazard Identification

☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition

☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)

Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)

☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No

() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone 570-291-0030
No.:

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional N
	SHS-09	12-3-21	0649	1	DW	G	1	
	SHS-10		0650	1			1	
	SHS-11		0651	1			1	
	SHS-12		0652	1			1	
	SHS-13		0654	1			1	
	SHS-14		0655	1			1	
	SHS-15		0655	1			1	
	SHS-16		0656	1			1	
	SHS-17		0656	1			1	
	SHS-18	12-2-21	0920	1			1	

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





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484.461.9722

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Lab Report Address

Client Name: PENNONI

Address: 1337 Veterans Memorial Drive

City, State, Zip: Jessup, PA 18434

Contact:

Telephone No.: 570-291-0030

Invoice Address

Client Name: -SAME-

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☒ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Temperature Upon Receipt (°C)
Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Send Report via: ☐ Mail ☐ Fax ☒ e-mail (address)

Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project:

Location:

PO No.:

Compliance Monitoring? ☐ Yes ☐ No
() Agency/Program

Sampled by (PRINT):

Sampler
Signature:

Sampler Phone No.: 570-291-0030

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional No.
	SHS-19	12-3-21	0658	1	DW	G	1	
	SHS-20		0700	1			1	
	SHS-21		0705	1			1	
	SHS-22		0707	1			1	
	SHS-23		0710	1			1	
	SHS-24		0711	1			1	
	SHS-25		0712	1			1	
	SHS-26		0714	1			1	
	SHS-27		0717	1			1	

Possible Hazard Identification ☐ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☐ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Pennoni Associates, Inc. - Jessup
PM: Shanna Nish





Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T1L0716

Pennoni Associates, Inc.

Robert Pazzaglia
1337 Veterans Memorial DR
Jessup, PA 18434

Project Name: Scranton HS - Lead in Water

Project / PO Number: SCRSD21001
Received: 12/07/2021
Reported: 12/16/2021

Analytical Testing Parameters

Client Sample ID:	SHS - 10	Collected By:	Robert Pazzaglia
Sample Matrix:	Drinking Water	Collection Date:	12/03/2021 6:50
Lab Sample ID:	T1L0716-01		

Analyses Performed by: Microbac Laboratories Inc., - Marietta, OH

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.00100	0.015 AL	0.00100	mg/L		12/10/21 0618	12/10/21 1458	JYH

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

AL: US EPA Action Level
MCL: US EPA Maximum Contaminant Level
mg/L: Milligrams per Liter
RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH
68-01670

PA Department of Environmental Protection

Microbac Laboratories, Inc., Pittston Division
35-05082

Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.**

Reviewed and Approved By:

Shanna Nish
Customer Relationship Specialist
Reported: 12/16/2021 13:22

Microbac Laboratories, Inc.

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Page 1 of 2

**Office for Safe Schools
Lead in Drinking Water Report
2021-2022**

Please submit to: ra-edleadtesting@pa.gov

School District:

Please list only schools where the levels were elevated.

[illegible]

[illegible]

John F. Kennedy Elementary

Floor: 1 st Source: Sink Location: Health Room	JK-01
Floor: 1 st Source: Sink Location: Teachers Lounge	JK-02
Floor: 1 st Source: Sink Location: Kitchen 3 bay was sink (left)	JK-03
Floor: 1 st Source: Sink Location: Kitchen 3 bay was sink (right)	JK-04
Floor: 1 st Source: Sink Location: Kitchen Hand wash next to oven	JK-05
Floor: 1 st Source: Sink Location: Kitchen Prep Sink	JK-06

Whitter Elementary

Floor: 1 st Source: Sink Location: Kitchen slicer sink	WHIT-01
Floor: 1 st Source: Sink Location: Kitchen hand wash	WHIT-02
Floor: 1 st Source: Sink Location: Kitchen 3 bay (left)	WHIT-03
Floor: 1 st Source: Sink Location: Kitchen 3 bay (right)	WHIT-04
Floor: 1 st Source: Sink Location: Health Room Front (120)	WHIT-05
Floor: 1 st Source: Sink Location: Health Room Back (122)	WHIT-06
Floor: 2 nd Source: Sink Location: Room 211	WHIT-07
Floor: 2 nd Source: Sink Location: Room 219	WHIT-08
Floor: 2nd Source: Sink Location: Library	WHIT-09

West Scranton High School

Floor: 3 rd Source: Sink Location: Kitchen Wash sink (left)	WSHS-01
Floor: 3 rd Source: Sink Location: Kitchen Wash sink (right)	WSHS-02
Floor: 3 rd Source: Sink Location: Kitchen 3 bay (right)	WSHS-03
Floor: 3 rd Source: Sink Location: Kitchen 3 bay (left)	WSHS-04

West Scranton Intermediate

Floor: 1 st Source: Sink Location: Kitchen hand wash sink	WSIS-01
Floor: 1 st Source: Sink Location: Kitchen dish wash sink	WSIS-02
Floor: 1 st Source: Sink Location: Medical Room	WSIS-03

Robert Morris Elementary

Floor: 1 st Source: Sink Location: Multi-Purpose Room, 3 bay sink	RM-01
Floor: 1 st Source: Sink Location: Multi-Purpose Room, hand wash	RM-02
Floor: Basement Source: Sink Location: Art Room	RM-03
Floor: 1 st Source: Sink Location: Room 108 (right)	RM-04
Floor: 1 st Source: Sink Location: Room 108 (left)	RM-05
Floor: 1 st Source: Sink Location: Room 103	RM-06
Floor: 1 st Source: Sink Location: Room 102	RM-07
Floor: 2 nd Source: Sink Location: Room 204	RM-08
Floor: 2 nd Source: Sink Location: Medical Room, Nurses Station	RM-09
Floor: 2 nd Source: Sink Location: Medical Room, Bathroom	RM-10
Floor: 2 nd Source: Sink Location: Room 208	RM-11

Charles Sumner Elementary

Floor: Ground Floor Source: Sink Location: Room 103	CS-01
Floor: Ground Floor Source: Sink Location: 102	CS-02
Floor: 2 nd Source: Sink Location: Room 202	CS-03
Floor: 2 nd Source: Sink Location: Room 205	CS-04
Floor: 1 st Source: Sink Location: Principals Office	CS-05
Floor: 1 st Source: Sink Location: Teachers Lounge	CS-06
Floor: 1 st Source: Sink Location: Room 003	CS-07
Floor: 1 st Source: Sink Location: Room 002	CS-08
Floor: 1 st Source: Sink Location: Janitors Office	CS-09

South Intermediate

Floor: Basement Source: Sink Location: Kitchen wash bay	SSI-01
Floor: Basement Source: Sink Location: Kitchen Sanitize Bay	SSI-02
Floor: Basement Source: Sink Location: Right Kettle	SSI-03
Floor: Basement Source: Sink Location: Middle Kettle	SSI-04
Floor: Basement Source: Sink Location: Left Kettle	SSI-05
Floor: Basement Source: Sink Location: Rinse Sink (right)	SSI-06
Floor: Basement Source: Sink Location: Rinse Sink (left)	SSI-07
Floor: Basement Source: Ice Machine Location: Kitchen	SSI-08
Floor: Basement Source: Sink Location: Dish Washer Sprayer	SSI-09
Floor: 3 rd Source: Sink Location: Home Economics Sink 1	SSI-10
Floor: 3 rd Source: Sink Location: Home Economics Sink 2	SSI-11
Floor: 3 rd Source: Sink Location: Home Economics Sink 3	SSI-12
Floor: 3 rd Source: Sink Location: Home Economics Sink 4	SSI-13
Floor: 1 st Source: Sink Location: Womans Teachers Lounge	SSI-14
Floor: 1 st Source: Sink Location: Mens Teachers Lounge	SSI-15
Floor: 1 st	

Source: Sink Location: Room 114A	SSI-16
Floor: 1 st Source: Water Fountain Location: Boys Locker Room Fountain	SSI-17
Floor: 1 st Source: Sink Location: Boys Locker Room	SSI-18
Floor: 1 st Source: Sink Location: Girls Locker Room	SSI-19
Floor: 1 st Source: Sink Location: Medical Room (office)	SSI-20
Floor: 1 st Source: Sink Location: Medical Room (bathroom)	SSI-21

Memorial Stadium

Floor: Ground Floor Source: Sink Location: Concession Stand Next to Office	MS-01
Floor: Ground Floor Source: Sink Location: West Locker Room Cooler Fill	MS-02
Floor: Ground Floor Source: Sink Location: West Cooler Fill	MS-03
Floor: Ground Floor Source: Sink Location: West Coaches room bathroom	MS-04
Floor: Ground Floor Source: Sink Location: Visitors Concession Stand	MS-05
Floor: Ground Floor Source: Sink Location: Home Concession stand	MS-06
Floor: Ground Floor Source: Sink Location: Home Locker Room Cooler fill	MS-07
Floor: Ground Floor Source: Sink Location: Home Locker Room (right)	MS-08
Floor: Ground Floor Source: Sink Location: Home Locker Room (left)	MS-09
Floor: Ground Floor Source: Ice Machine Location: Home Concession stand (near salt shed)	MS-10
Floor: Ground Floor Source: Sink Location: Home Concession stand (near salt shed)	MS-11

Neil Armstrong Elementary

Floor: 1 st Source: Sink Location: Maintenance Bathroom	NA-01
Floor: 1 st Source: Sink Location: Kitchen 3 bay	NA-02
Floor: 1 st Source: Sink Location: Kitchen Hand wash	NA-03
Floor: 1 st Source: Sink Location: Art Room Middle Sink	NA-04
Floor: 1 st Source: Sink Location: Room 124	NA-05
Floor: 1 st Source: Sink Location: Room 127	NA-06
Floor: 1 st Source: Sink Location: Library Office	NA-07
Floor: 1 st Source: Sink Location: Teachers Lounge	NA-08
Floor: 1 st Source: Sink Location: Health Room	NA-09
Floor: 1 st Source: Sink Location: Room 104	NA-10
Floor: 1 st Source: Sink Location: Room 106	NA-11

John Adams Elementary

Floor: 1 st Source: Sink Location: Kitchen 3 bay	JA-01
Floor: 1 st Source: Sink Location: Kitchen hand wash	JA-02
Floor: 1 st Source: Sink Location: Maintenance Office	JA-03

Willard Elementary

Floor: 1 st Source: Sink Location: Maintenance Kitchen Sink	Will-01
Floor: 1 st Source: Sink Location: Kitchen 3 bay	Will-02
Floor: 1 st Source: Sink Location: Medical Room	Will-03
Floor: 1 st Source: Sink Location: Main Office	Will-04
Floor: 2 nd Source: Sink Location: Teachers Lounge	Will-05

McNichols Plaza

Floor: 1 st Source: Sink Location: Café hand wash	MP-01
Floor: 1 st Source: Sink Location: Café dishwash (left)	MP-02
Floor: 1 st Source: Sink Location: Café dishwash (right)	MP-03
Floor: 1 st Source: Sink Location: Boys Bathroom	MP-04
Floor: 1 st Source: Sink Location: Bays Bathroom Near gym (middle)	MP-05
Floor: 1 st Source: Sink Location: Bays Bathroom Near gym (left)	MP-06
Floor: 1 st Source: Sink Location: Girls Bathroom Near Gym (left)	MP-07
Floor: 1 st Source: Sink Location: Girls Bathroom Near Gym (middle)	MP-08
Floor: 1 st Source: Sink Location: Girls Bathroom Near Gym (right)	MP-09
Floor: 1 st Source: Sink Location: computer lab (left)	MP-10
Floor: 1 st Source: Sink Location: computer lab (right)	MP-11
Floor: 1 st Source: Sink Location: Kindergarten kitchenette	MP-12
Floor: 1 st Source: Sink Location: Boys 2 nd grade Bathroom (left)	MP-13
Floor: 1 st Source: Sink Location: Boys 2 nd grade Bathroom (middle)	MP-14
Floor: 1 st Source: Sink Location: Boys 2 nd grade Bathroom (right)	MP-15
Floor: 1 st	

Source: Sink Location: Girls 2 nd grade Bathroom (left)	MP-16
Floor: 1 st Source: Sink Location: Girls 2 nd grade Bathroom (middle)	MP-17
Floor: 1 st Source: Sink Location: Girls 2 nd grade Bathroom (right)	MP-18
Floor: 1 st Source: Sink Location: 1 st grade box sink	MP-19
Floor: 1 st Source: Sink Location: 1 st grade back wall	MP-20
Floor: 1 st Source: Sink Location: teachers lounge	MP-21
Floor: 1 st Source: Sink Location: Main office copy room	MP-22
Floor: 1 st Source: Sink Location: Medical Room restroom	MP-23
Floor: 1 st Source: Sink Location: Room Behind Medical Room	MP-24
Floor: 1 st Source: Sink Location: Room Behind Medical Room, bathroom	MP-25
Floor: 1 st Source: Sink Location: 4 th grade sink (left)	MP-26
Floor: 1 st Source: Sink Location: 4 th Grade sink (right)	MP-27

Prescott Elementary

Floor: 2 nd Source: Sink Location: Teachers Lounge	PRES-01
Floor: Basement Source: Sink Location: 3 bay in closet	PRES-02
Floor: Basement Source: Sink Location: Medical Room	PRES-03

Isaac Tripp Elementary

Floor: 1 st Source: Sink Location: Kitchen bay 2	IT-01
Floor: 1 st Source: Sink Location: Kitchen behind cash register (right)	IT-02
Floor: 1 st Source: Sink Location: Kitchen behind cash register (left)	IT-03
Floor: 1 st Source: Sink Location: Kitchen bay 1	IT-04
Floor: 1 st Source: Sink Location: Kitchen middle	IT-05
Floor: 1 st Source: Sink Location: medical room bathroom	IT-06
Floor: 1 st Source: Sink Location: medical room back	IT-07
Floor: 1 st Source: Sink Location: faculty room main	IT-08
Floor: 1 st Source: Sink Location: faculty room bathroom	IT-09
Floor: 1 st Source: Sink Location: Room 119	IT-10
Floor: 1 st Source: Sink Location: Room 103	IT-11

Scranton High School

Floor: 2 nd Source: Sink Location: Main Office Kitchen	SHS-01
Floor: 2 nd Source: Sink Location: Room 264	SHS-02
Floor: 2 nd Source: Sink Location: Nurses Treatment Room	SHS-03
Floor: 2 nd Source: Sink Location: Nurses Kitchen	SHS-04
Floor: 1 st Source: Sink Location: Trainers Room	SHS-05
Floor: 1 st Source: Ice Machine Location: Trainers Room	SHS-06
Floor: 2 nd Source: Sink Location: Kitchen Kettle #1	SHS-07
Floor: 2 nd Source: Sink Location: Kitchen Kettle #2	SHS-08
Floor: 2 nd Source: Sink Location: Kitchen Dish was sink	SHS-09
Floor: 2 nd Source: Sink Location: Kitchen hand wash near dishwash	SHS-10
Floor: 2 nd Source: Sink Location: Kitchen prep sink near storage	SHS-11
Floor: 2 nd Source: Sink Location: Kitchen 3 bay sink (left)	SHS-12
Floor: 2 nd Source: Sink Location: Kitchen 3 bay sink (right)	SHS-13
Floor: 2 nd Source: Sink Location: Kitchen Taco Prep	SHS-14
Floor: 2 nd Source: Sink Location: Kitchen Taco handwash	SHS-15
Floor: 2 nd	

Source: Sink Location: Kitchen Deli prep	SHS-16
Floor: 2 nd Source: Sink Location: Kitchen Deli handwash	SHS-17
Floor: 2 nd Source: Ice Machine Location: Kitchen	SHS-18
Floor: 2 nd Source: Sink Location: Guidance	SHS-19
Floor: 2 nd Source: Sink Location: Teachers lounge	SHS-20
Floor: 3 rd Source: Sink Location: Teachers lounge	SHS-21
Floor: 1 st Source: Sink Location: Room 140	SHS-22
Floor: 1 st Source: Sink Location: Room 141 (kitchen #2)	SHS-23
Floor: 1 st Source: Sink Location: Room 141 (kitchen #3)	SHS-24
Floor: 1 st Source: Sink Location: Room 141 (kitchen #4)	SHS-25
Floor: 1 st Source: Sink Location: Room 141 (Main Sink)	SHS-26
Floor: 1 st Source: Sink Location: Teachers lounge	SHS-27

Northeast Intermediate School

Floor: 1 st Source: Sink Location: Home Economics Sink 1	NEIS-01
Floor: 1 st Source: Sink Location: Home Economics Sink 2	NEIS-02
Floor: 1 st Source: Sink Location: Home Economics Sink 3	NEIS-03
Floor: 1 st Source: Sink Location: Home Economics Sink 4	NEIS-04
Floor: 1 st Source: Sink Location: Home Economics Sink 5	NEIS-05
Floor: 1 st Source: Sink Location: Room 108	NEIS-06
Floor: 1 st Source: Sink Location: Room 121	NEIS-07
Floor: 2 nd Source: Sink Location: Girls Locker Room	NEIS-08
Floor: 3 rd Source: Sink Location: Teachers Lounge (room 333)	NEIS-09
Floor: 1 st Source: Sink Location: Medical Room Bathroom	NEIS-10
Floor: 1 st Source: Sink Location: Medical Room Back Room (right)	NEIS-11
Floor: 1 st Source: Sink Location: Medical Room Back Room (left) Isolation Room	NEIS-12
Floor: 1 st Source: Sink Location: Medical Room Refrigerator	NEIS-13
Floor: Basement Source: Sink Location: Kitchen Sink	NEIS-14
Floor: Basement Source: Sink Location: Kitchen 3 bay	NEIS-15
Floor: 1 st	

Source: Sink

Location: Teachers Lounge (room 106)

NEIS-16

Electric City

Floor: 1 st Source: Sink Location: Kitchen 3 bay dish wash	EC-01
Floor: 1 st Source: Sink Location: Kitchen Hand Wash near refrigerator	EC-02
Floor: 1 st Source: Sink Location: Kitchen Prep	EC-03
Floor: 1 st Source: Ice Machine Location: Kitchen	EC-04
Floor: 1 st Source: Sink Location: Faculty Lounge	EC-05
Floor: 1 st Source: Sink Location: Medical Room	EC-06
Floor: 2 nd Source: Sink Location: Kitchen	EC-07
Floor: 2 nd Source: Sink Location: Faculty Lounge	EC-08
Floor: 2 nd Source: Sink Location: Cafeteria	EC-09