



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2084204

CHEMWAY

Laura Ryan
880 Coal Valley Road
Jefferson Hills, PA 15025

Project Name: Penn Hills High School

Project / PO Number: Penn Hills High School
Received: 08/19/2022
Reported: 08/31/2022

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include Loading Dock Hose Faucet, Drinking Water, 2084204-01, STEVE VRANKA, 08/12/2022 7:30.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 5.09.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include 1st Floor Loading Dock Womens Room Faucet, Drinking Water, 2084204-02, STEVE VRANKA, 08/12/2022 7:30.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 0.406.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include 1st Floor Loading Dock Mens Room Faucet, Drinking Water, 2084204-03, STEVE VRANKA, 08/12/2022 7:30.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 0.848.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include Room 111 Faucet, Drinking Water, 2084204-04, STEVE VRANKA, 08/12/2022 7:30.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result <0.400.



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2084204

Client Sample ID: Rom 108 #1 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-05	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L			08/26/22 1458	SEA

Client Sample ID: Room 108 #2 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1505	08/26/22 1505	SEA

Client Sample ID: Room 108 #3 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-07	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.68	15.0	0.400	ug/L		08/26/22 1507	08/26/22 1507	SEA

Client Sample ID: Room 107 #1 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1508	08/26/22 1508	SEA

Client Sample ID: Room 107 #2 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.33	15.0	0.400	ug/L		08/26/22 1510	08/26/22 1510	SEA



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Client Sample ID: Room 107 #3 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1512	08/26/22 1512	SEA

Client Sample ID: Room 107 #4 Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.579	15.0	0.400	ug/L		08/26/22 1514	08/26/22 1514	SEA

Client Sample ID: Guidance Office Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-12	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1523	08/26/22 1523	SEA

Client Sample ID: Faculty Mens Room Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-13	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.624	15.0	0.400	ug/L		08/26/22 1524	08/26/22 1524	SEA

Client Sample ID: Faculty Womens Room Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-14	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1532	08/26/22 1532	SEA



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Client Sample ID: B107 Mens Room Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-15	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	5.52	15.0	0.400	ug/L		08/26/22 1533	08/26/22 1533	SEA

Client Sample ID: B107 Womens Room Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.07	15.0	0.400	ug/L		08/26/22 1535	08/26/22 1535	SEA

Client Sample ID: B107 Kitchenette Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-17	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1537	08/26/22 1537	SEA

Client Sample ID: Main Entrance Womens Room #1 Sink 1st Floor	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-18	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.689	15.0	0.400	ug/L		08/26/22 1539	08/26/22 1539	SEA

Client Sample ID: Main Entrance Womens Room #2 Sink 1st Floor	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-19	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.62	15.0	0.400	ug/L		08/26/22 1541	08/26/22 1541	SEA



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Client Sample ID: Main Entrance Womens Room #3 Sink 1st Floor	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-20	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.48	15.0	0.400	ug/L		08/26/22 1542	08/26/22 1542	SEA

Client Sample ID: Main Entrance Mens Room #1 Sink 1st Floor	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-21	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.44	15.0	0.400	ug/L		08/26/22 1555	08/26/22 1555	SEA

Client Sample ID: Main Entrance Mens Room #2 Sink 1st Floor	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-22	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.11	15.0	0.400	ug/L		08/26/22 1602	08/26/22 1602	SEA

Client Sample ID: B135 Bathroom Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-23	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	48.0	15.0	0.800	ug/L		08/25/22 0848	08/26/22 1229	SEA

Client Sample ID: B135 Kitchenette Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-24	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	32.9	15.0	0.400	ug/L		08/26/22 1604	08/26/22 1604	SEA



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Client Sample ID: Auditorium Mens Room #1 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-25	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.894	15.0	0.400	ug/L		08/26/22 1606	08/26/22 1606	SEA

Client Sample ID: Auditorium Mens Room #2 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-26	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.87	15.0	0.400	ug/L		08/26/22 1607	08/26/22 1607	SEA

Client Sample ID: Auditorium Slop Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-27	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1609	08/26/22 1609	SEA

Client Sample ID: Auditorium Womens Room #1 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-28	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.971	15.0	0.400	ug/L		08/26/22 1611	08/26/22 1611	SEA

Client Sample ID: Auditorium Womens Room #2 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-29	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.53	15.0	0.400	ug/L		08/26/22 1613	08/26/22 1613	SEA



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Client Sample ID: Auditorium Womens Room #3 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-30	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.27	15.0	0.400	ug/L		08/26/22 1615	08/26/22 1615	SEA

Client Sample ID: Kitchen 107 Hand Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-31	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1622	08/26/22 1622	SEA

Client Sample ID: Kitchen 107 Main Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-32	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1624	08/26/22 1624	SEA

Client Sample ID: Kitchen Ice Machine Hand Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-33	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.685	15.0	0.400	ug/L		08/26/22 1631	08/26/22 1631	SEA

Client Sample ID: Kitchen Ice Machine Main Sink Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-34	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.23	15.0	0.400	ug/L		08/26/22 1633	08/26/22 1633	SEA



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Client Sample ID: Kitchen Dishwasher Hand Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-35	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.820	15.0	0.400	ug/L		08/26/22 1634	08/26/22 1634	SEA

Client Sample ID: Kitchen Dishwasher Main Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-36	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1636	08/26/22 1636	SEA

Client Sample ID: Kitchen Dishwasher Spray Faucet	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-37	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1638	08/26/22 1638	SEA

Client Sample ID: Kitchen 129 Hand Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-38	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.845	15.0	0.400	ug/L		08/26/22 1640	08/26/22 1640	SEA

Client Sample ID: Kitchen 129 Line Hand Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-39	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.58	15.0	0.400	ug/L		08/26/22 1647	08/26/22 1647	SEA



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Client Sample ID: Kitchen 129 Line Main Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-40	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.803	15.0	0.400	ug/L		08/26/22 1649	08/26/22 1649	SEA

Client Sample ID: Gymnasium Outside Hall Bottle Filler	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-41	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1650	08/26/22 1650	SEA

Client Sample ID: Gymnasium Womens Locker Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-42	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.481	15.0	0.400	ug/L		08/26/22 1659	08/26/22 1659	SEA

Client Sample ID: Gymnasium Mens Locker Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-43	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.604	15.0	0.400	ug/L		08/26/22 1710	08/26/22 1710	SEA

Client Sample ID: 2nd Floor 07 Electric Mens Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-44	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.33	15.0	0.400	ug/L		08/26/22 1712	08/26/22 1712	SEA



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Client Sample ID: 2nd Floor 07 Electric Womens Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-45	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.30	15.0	0.400	ug/L		08/26/22 1714	08/26/22 1714	SEA

Client Sample ID: 2nd Floor 270 Faculty Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-46	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1716	08/26/22 1716	SEA

Client Sample ID: 2nd Floor B210 Mens Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-47	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.768	15.0	0.400	ug/L		08/26/22 1719	08/26/22 1719	SEA

Client Sample ID: 2nd Floor B210 Womens Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-48	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.21	15.0	0.400	ug/L		08/26/22 1721	08/26/22 1721	SEA

Client Sample ID: 2nd Floor Faculty Mens Restroom (Locker 287)	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-49	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.769	15.0	0.400	ug/L		08/26/22 1723	08/26/22 1723	SEA



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2084204

Client Sample ID: Room 254 #1 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-50	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1724	08/26/22 1724	SEA

Client Sample ID: Room 249 #2 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-51	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1726	08/26/22 1726	SEA

Client Sample ID: Faculty (Outside 200) Mens Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-52	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.776	15.0	0.400	ug/L		08/26/22 1733	08/26/22 1733	SEA

Client Sample ID: Room 207 #3 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-53	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1741	08/26/22 1741	SEA

Client Sample ID: Room 225 #7 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-54	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	3.32	15.0	0.800	ug/L		08/25/22 0848	08/26/22 1236	SEA



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2084204

Client Sample ID: Room 211 #1 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-55	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.07	15.0	0.400	ug/L		08/26/22 1742	08/26/22 1742	SEA

Client Sample ID: Room 224 #2 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-56	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.56	15.0	0.400	ug/L		08/26/22 1744	08/26/22 1744	SEA

Client Sample ID: Room 212 #4 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-57	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.47	15.0	0.400	ug/L		08/26/22 1746	08/26/22 1746	SEA

Client Sample ID: Room 223 #1 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-58	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	11.7	15.0	0.400	ug/L		08/26/22 1748	08/26/22 1748	SEA

Client Sample ID: Room 213 #5 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-59	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1750	08/26/22 1750	SEA



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2084204

Client Sample ID: Room 214 #3 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-60	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.19	15.0	0.400	ug/L		08/26/22 1757	08/26/22 1757	SEA

Client Sample ID: Room 222 #6 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-61	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.03	15.0	0.400	ug/L		08/26/22 1759	08/26/22 1759	SEA

Client Sample ID: Room 215 #4 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-62	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.542	15.0	0.400	ug/L		08/26/22 1800	08/26/22 1800	SEA

Client Sample ID: 2nd Floor Womens Room (Outside 231) Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-63	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	8.91	15.0	0.400	ug/L		08/26/22 1809	08/26/22 1809	SEA

Client Sample ID: 2nd Floor 237 Mens Room	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-64	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1210	15.0	8.00	ug/L		08/25/22 0848	08/29/22 1403	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2084204

Client Sample ID: Room 216 #7 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-65	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.665	15.0	0.400	ug/L		08/26/22 1820	08/26/22 1820	SEA

Client Sample ID: 1st Floor 300 Nurses Sink 303 Exam Room Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-66	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	4.33	15.0	0.400	ug/L		08/26/22 1822	08/26/22 1822	SEA

Client Sample ID: 1st Floor Nurses Office Bathroom Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-67	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.41	15.0	0.400	ug/L		08/26/22 1824	08/26/22 1824	SEA

Client Sample ID: 1st Floor Room 132 Main Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-68	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/26/22 1825	08/26/22 1825	SEA

Client Sample ID: 1st Floor Room 138 Sink	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-69	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.25	15.0	0.400	ug/L		08/26/22 1827	08/26/22 1827	SEA



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2084204

Client Sample ID: 1st Floor E109 Sink Womens Locker Room	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-70	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.687	15.0	0.400	ug/L		08/26/22 1829	08/26/22 1829	SEA

Client Sample ID: 1st Floor E104 Sink Mens Locker Room	Collected By: STEVE VRANKA
Sample Matrix: Drinking Water	Collection Date: 08/12/2022 7:30
Lab Sample ID: 2084204-71	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.677	15.0	0.400	ug/L		08/26/22 1831	08/26/22 1831	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.

Definitions

- RL: Reporting Limit
- ug/L: Micrograms per Liter

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
02-00257

PA Department of Environmental Protection
PADEP Accreditation by Rule

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>>.**

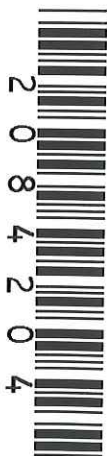
Reviewed and Approved By:

Carolyn Vollentine
Service Center Manager
Reported: 08/31/2022 13:03

MICROBAC
 Pittsburgh Division
 100 Marshall Drive
 Warrendale, PA 15086
 724.772.0610 p

Erie Division
 5340 Frying Road, Suite 103
 Erie, PA 16510
 814.825.8533 p

PM: Carolyn Volentine



ID

Lab Report Address

Client Name: **CHEMWAY**
 Address: **P.O. Box 10913**
 City, State, Zip: **Pgh, Pa 15236**
 Contact: **Steve Wanka**
 Telephone No.: **412-901-5171**

Invoice Address

Client Name: **SOME/CHEMWAY**
 Address:
 City, State, Zip:
 Contact:
 Telephone No.:

Turnaround

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

Temperature Upon Receipt (°C) **20C**
 Therm ID

(needed by)

Holding Time **7hr**

Samples Received on Ice? Yes No

Custody Seals Intact? Yes No

Report Type
 Results Only [Level 1] [Level 2] [Level 3] [Level 4] [EEDD]

Date: **8-19-22**
 Time: **1500**
 Initials: **CEI**

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

Project: **Penn Hills School District** Location: **High School** PO No.:

Compliance Monitoring? Yes No

Agency/Program **AS per client**

Sampled by (PRINT): **STEVE WANKA** Sampler Signature: **[Signature]**

Sampler Phone No.: **412-901-5171**

Requested Analysis

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) Hexane, (U) Unpreserved

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
								* Please see WFA clodys
								* 71 water samples
								* Please test all 71 samples for lead.
								* samples collected 8/12/22
								720 As per client JMC 9/16/21

Possible Hazard Identification

Hazardous Non-Hazardous Radioactive

Sample Disposition

Dispose as appropriate Return Archive

Comments

Relinquished By (signature) **[Signature]** Date/Time **8/19/22 11:55am**

Relinquished By (signature)

Relinquished By (signature) **[Signature]** Date/Time **8/19/22 11:55am**

Relinquished By (signature)

Relinquished By (signature) **[Signature]** Date/Time **8/19/22 11:55am**

Penn Hills High School 8-12-22

- #1- Loading Dock Nose faucet
- #2 1st Floor Loading Dock Womens Room faucet
- #3- 1st Floor Loading Dock Mens Room faucet
- #4- Room 111 faucet
- #5- ~~Room 108~~ Room 108 #2 faucet
- #6- ~~Room 108~~ Room 108 #2 faucet
- #7- ~~Room 108~~ Room 108 #3 faucet
- #8- Room 107 #1 faucet
- #9- Room 107 #2 faucet
- #10- Room 107 #3 faucet
- #11- Room 107 #4 faucet
- #12 ~~Room~~ Guidance Office faucet
- #13 Faculty Mens Room faucet
- #14 Faculty Womens Room faucet
- #15 B107 Mens Room faucet
- #16 B107 Womens Room faucet
- #17 ~~B107~~ B107 Kitchenette faucet

Client
Collection
JMC
8/20/22

- ~~#18 Main Entrance 1st floor Womens Room faucet~~
- ~~#19 main entrance 1st floor Mens Room faucet~~
- ~~#20 Main Entrance Stop sink faucet~~
- #18 Main Entrance Womens Room #1 Sink - 1st floor
- #19 Main Entrance Womens Room #2 Sink - 1st floor
- #20 Main Entrance Womens Room #3 Sink - 1st floor
- #21 Main Entrance Mens Room #1 Sink - 1st floor
- #22 main entrance Mens Room #2 Sink - 1st floor
- ~~#23 B112 Stop Sink 1st floor~~

Client
Collection
JMC
8/20/22

B11412 Client collection
JMC

- #23 B135 Bathroom Faucet
- #24 B135 kitchenette faucet
- #25 Auditorium Mens Room #1 Sink
- #26 Auditorium Mens Room #2 Sink
- #27 Auditorium Slop Sink
- #28 Auditorium Womens Room #1 Sink
- #29 Auditorium Womens Room #2 Sink
- #30 Auditorium Womens Room #3 Sink
- #31 Kitchen 107 Hand Sink
- #32 Kitchen 107 Main Sink
- #33 Kitchen ice machine Hand sink
- #34 Kitchen ice machine main sink faucet
- #35 kitchen Dishwasher Hand sink
- #36 kitchen Dishwasher main sink
- #37 kitchen Dishwasher Spray faucet
- #38 kitchen 129 Hand sink
- #39 kitchen 129 Line Hand sink
- #40 kitchen 129 Line main sink
- #41 Gymnasium outside Nail Bottle Filler
- #42 Gymnasium Womens Locker Room Sink
- #43 Gymnasium Mens Locker Room Sink
- #44 2nd floor 07 Electric Mens Room Sink
- #45 2nd floor 07 Electric Womens Room Sink
- #46 2nd floor ~~260~~ 270 Faculty Sink
- #47 2nd floor B210 Mens Room Sink
- #48 2nd floor B210 Womens Room Sink
- #49 2nd floor Faculty ~~restroom~~ ^{MENS} Restroom (Locker 257)

Clean
Corrective
JL
8/20/18

#50 Room 254 #1 Sink

#51 Room 249 #2 Sink

#52 Faculty (outside 200) ~~Sink~~ Mens Room Sink

#53 Room 207 #3 Sink

#54 Room 225 #7 Sink

#55 Room 211 #1 Sink

#56 Room 224 #2 Sink

#57 Room 212 #4 Sink

#58 Room 223 #1 Sink

#59 Room 213 #5 Sink

#60 ~~Room 214~~ #2 Sink Room 214 #3 Sink

#61 Room 222 #6 Sink

#62 Room 215 #4 Sink

#63 2nd Floor Womens Room (outside 231) Sink

#64 2nd Floor 237 Mens Room

#65 Room 216 #7 Sink

#66 1st Floor 300 Nurses Office 303 Exam Room Sink

#67 1st Floor 300 Nurses Office Restroom Sink

#68 1st Floor Room 132 #2 ~~Sink~~ Main Sink

#69 1st Floor Room 138 Sink

#70 1st Floor E109 Sink Womens Locker Room

#71 1st Floor E104 Sink Mens Locker Room

~~FRANK CENTER~~

#1 ~~Boys Locker Room~~ Fountain

#2 ~~Nurse B13~~

#3 ~~Water Fountain~~ Girls Locker Room Sink

#4 ~~Coaches Office~~ Sink

Client
Corrections
JK
B/Don

Client
Corrections
JK
B/Don