



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

CHEMWAY

Laura Ryan
880 Coal Valley Road
Jefferson Hills, PA 15025

Project Name: Penn Hills SD Elementary School

Project / PO Number: Penn Hills SD Elementary Schoo
Received: 08/30/2022
Reported: 09/13/2022

Analytical Testing Parameters

Table with sample details: Client Sample ID: Room 141 Bathroom Sink, Sample Matrix: Drinking Water, Lab Sample ID: 2085608-01, Collected By: Client, Collection Date: 08/24/2022 8:00

Table with analytical results: Metals Total by ICPMS, Method: EPA 200.8, Rv. 5.4 (1994), Lead result <0.400, Limit(s) 15.0, RL 0.400, Units ug/L, Prepared 09/08/22 1548, Analyzed 09/08/22 1548, Analyst SEV

Table with sample details: Client Sample ID: Room 141 Faucet, Sample Matrix: Drinking Water, Lab Sample ID: 2085608-02, Collected By: Client, Collection Date: 08/24/2022 8:00

Table with analytical results: Metals Total by ICPMS, Method: EPA 200.8, Rv. 5.4 (1994), Lead result <0.400, Limit(s) 15.0, RL 0.400, Units ug/L, Prepared 09/08/22 1555, Analyzed 09/08/22 1555, Analyst SEV

Table with sample details: Client Sample ID: 1st FI Mens Bathroom Janitor 12, Sample Matrix: Drinking Water, Lab Sample ID: 2085608-03, Collected By: Client, Collection Date: 08/24/2022 8:00

Table with analytical results: Metals Total by ICPMS, Method: EPA 200.8, Rv. 5.4 (1994), Lead result 1.00, Limit(s) 15.0, RL 0.400, Units ug/L, Prepared 09/08/22 1557, Analyzed 09/08/22 1557, Analyst SEV

Table with sample details: Client Sample ID: 1st FI Janitor 12 Water Filler, Sample Matrix: Drinking Water, Lab Sample ID: 2085608-04, Collected By: Client, Collection Date: 08/24/2022 8:00

Table with analytical results: Metals Total by ICPMS, Method: EPA 200.8, Rv. 5.4 (1994), Lead result <0.400, Limit(s) 15.0, RL 0.400, Units ug/L, Prepared 09/08/22 1559, Analyzed 09/08/22 1559, Analyst SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 131 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-05	

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		09/08/22 1600	09/08/22 1600	SEV

Client Sample ID: Room 135 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.09	15.0	0.400	ug/L		09/08/22 1602	09/08/22 1602	SEV

Client Sample ID: Room 140 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-07	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.800	15.0	0.400	ug/L		09/08/22 1604	09/08/22 1604	SEV

Client Sample ID: Room 134 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.24	15.0	0.400	ug/L		09/08/22 1606	09/08/22 1606	SEV

Client Sample ID: Room 136 Faucet Drinking Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.626	15.0	0.400	ug/L		09/08/22 1607	09/08/22 1607	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 132	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.525	15.0	0.400	ug/L		09/08/22 1609	09/08/22 1609	SEV

Client Sample ID: Cafeteria Ice Machine Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.74	15.0	0.400	ug/L		09/08/22 1616	09/08/22 1616	SEV

Client Sample ID: Kitchen Office Main Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-12	

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		09/08/22 1624	09/08/22 1624	SEV

Client Sample ID: Kitchen Office Hand Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-13	

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		09/08/22 1625	09/08/22 1625	SEV

Client Sample ID: Admin Bathroom Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-14	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.779	15.0	0.400	ug/L		09/08/22 1627	09/08/22 1627	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Admin Kitchennette Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-15	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.755	15.0	0.400	ug/L		09/08/22 1629	09/08/22 1629	SEV

Client Sample ID: 1st Fl Faculty 127 Girls Rm Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.835	15.0	0.400	ug/L		09/08/22 1631	09/08/22 1631	SEV

Client Sample ID: Room 115 Faucet Drinking Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-17	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.06	15.0	0.400	ug/L		09/08/22 1632	09/08/22 1632	SEV

Client Sample ID: Room 119 Faucet Drinking Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-18	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.26	15.0	0.400	ug/L		09/08/22 1634	09/08/22 1634	SEV

Client Sample ID: Room 122 Faucet Drinking Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-19	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.09	15.0	0.400	ug/L		09/08/22 1636	09/08/22 1636	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 116 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-20	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.06	15.0	0.400	ug/L		09/08/22 1638	09/08/22 1638	SEV

Client Sample ID: Room 114 Faucet Drining Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-21	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.67	15.0	0.800	ug/L		09/07/22 0933	09/07/22 1728	SEV

Client Sample ID: Room 116 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-22	

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		09/08/22 1650	09/08/22 1650	SEV

Client Sample ID: Room 114 Faucet Drinking Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-23	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.632	15.0	0.400	ug/L			09/08/22 1658	SEV

Client Sample ID: 1st FI Janitor C119 Bottle Filler	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-24	

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		09/08/22 1659	09/08/22 1659	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 105 Janitor C119 Bottle Filler	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-25	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.28	15.0	0.400	ug/L		09/08/22 1701	09/08/22 1701	SEV

Client Sample ID: Room 109 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-26	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.559	15.0	0.400	ug/L		09/08/22 1703	09/08/22 1703	SEV

Client Sample ID: Room 111 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-27	

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		09/08/22 1705	09/08/22 1705	SEV

Client Sample ID: Room 110 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-28	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.538	15.0	0.400	ug/L		09/08/22 1706	09/08/22 1706	SEV

Client Sample ID: Room 106 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-29	

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		09/08/22 1708	09/08/22 1708	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 104 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-30	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.562	15.0	0.400	ug/L		09/08/22 1710	09/08/22 1710	SEV

Client Sample ID: 1st Fl Janitor C119 Boys Room Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-31	

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		09/08/22 1712	09/08/22 1712	SEV

Client Sample ID: Room 158 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-32	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.976	15.0	0.400	ug/L		09/08/22 1719	09/08/22 1719	SEV

Client Sample ID: Room 156 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-33	

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		09/08/22 1726	09/08/22 1726	SEV

Client Sample ID: Room 147 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-34	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.684	15.0	0.400	ug/L		09/08/22 1728	09/08/22 1728	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 146 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-35	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.663	15.0	0.400	ug/L		09/08/22 1730	09/08/22 1730	SEV

Client Sample ID: Room 148 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-36	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.840	15.0	0.400	ug/L			09/08/22 1732	SEV

Client Sample ID: Room 151 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-37	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.934	15.0	0.400	ug/L		09/08/22 1733	09/08/22 1733	SEV

Client Sample ID: Room 153 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-38	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.413	15.0	0.400	ug/L		09/08/22 1735	09/08/22 1735	SEV

Client Sample ID: Room 155 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-39	

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		09/08/22 1737	09/08/22 1737	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 154 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-40	

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		09/08/22 1739	09/08/22 1739	SEV

Client Sample ID: Room 152 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-41	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.550	15.0	0.400	ug/L		09/08/22 1740	09/08/22 1740	SEV

Client Sample ID: Room 150 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-42	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.420	15.0	0.400	ug/L		09/08/22 1753	09/08/22 1753	SEV

Client Sample ID: 2nd FL Elevator Restroom Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-43	

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		09/08/22 1800	09/08/22 1800	SEV

Client Sample ID: 2nd Fl Admin 200 Restroom Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-44	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.569	15.0	0.400	ug/L		09/08/22 1802	09/08/22 1802	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Art Room 217 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-45	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.800	15.0	0.400	ug/L		09/09/22 1543	09/09/22 1543	SEV

Client Sample ID: Art Room 217 across hall Bottle Filler	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-46	

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		09/09/22 1545	09/09/22 1545	SEV

Client Sample ID: Room 219 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-47	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.704	15.0	0.400	ug/L		09/09/22 1547	09/09/22 1547	SEV

Client Sample ID: Room 223 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-48	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.06	15.0	0.400	ug/L		09/08/22 1809	09/08/22 1809	SEV

Client Sample ID: Room 225 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-49	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.541	15.0	0.400	ug/L		09/08/22 1811	09/08/22 1811	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 227 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-50	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.501	15.0	0.400	ug/L		09/08/22 1813	09/08/22 1813	SEV

Client Sample ID: Room 229 Faucet Drinking Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-51	

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		09/08/22 1814	09/08/22 1814	SEV

Client Sample ID: 2nd Fl 4th Grade Girls Room Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-52	

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		09/08/22 1822	09/08/22 1822	SEV

Client Sample ID: Room 228 Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-53	

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		09/08/22 1829	09/08/22 1829	SEV

Client Sample ID: Room 226 Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-54	

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			09/09/22 1549	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 222 Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-55	

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		09/08/22 1832	09/08/22 1832	SEV

Client Sample ID: Room 220 Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-56	

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		09/08/22 1834	09/08/22 1834	SEV

Client Sample ID: Janitor E2 Boys Room Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-57	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	11.1	15.0	0.400	ug/L		09/08/22 1836	09/08/22 1836	SEV

Client Sample ID: 2nd FI Break Room Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-58	

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		09/08/22 1838	09/08/22 1838	SEV

Client Sample ID: Room 201B Classroom B Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-59	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.495	15.0	0.400	ug/L		09/08/22 1839	09/08/22 1839	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 205 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-60	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.730	15.0	0.400	ug/L		09/08/22 1841	09/08/22 1841	SEV

Client Sample ID: Room 207 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-61	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.38	15.0	0.400	ug/L		09/08/22 1843	09/08/22 1843	SEV

Client Sample ID: Room 209 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-62	

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		09/08/22 1856	09/08/22 1856	SEV

Client Sample ID: Room 212 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-63	

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		09/08/22 1903	09/08/22 1903	SEV

Client Sample ID: 2nd Fl 4th-5th Grade Mixed Bathrm Sink	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-64	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.508	15.0	0.400	ug/L		09/08/22 1905	09/08/22 1905	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085608

Client Sample ID: Room 210 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-65	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.662	15.0	0.400	ug/L		09/08/22 1906	09/08/22 1906	SEV

Client Sample ID: Room 206 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-66	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.50	15.0	0.400	ug/L		09/09/22 1608	09/09/22 1608	SEV

Client Sample ID: Room 204 Faucet	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 08/24/2022 8:00
Lab Sample ID: 2085608-67	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.08	15.0	0.400	ug/L		09/08/22 1910	09/08/22 1910	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

- 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 Vollenentine
Service Center Manager
Reported: 09/13/2022 14:52

Microbac Laboratories, Inc.

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

Erie Division
 5340 Fryling road, Suite 103
 Erie, PA 16510
 814.825.8533 p

CHAIN OF CUSTODY RECORD

Number 6025608
 Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C) 21.3
 Therm ID 7436

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

Report Type

Compliance Monitoring? Yes No

() Agency/Program

Sampler Phone No.: 412-901-5171

HNO₃ Preserved
 Date: 9-1-22
 Time: 11:30
 Initials: CBT

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 [] JEDD

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

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

Location: Elementary School PO No.:

Sampler Signature: [Signature]

Sampler Signature: [Signature]

Sampled by (PRINT): STEVE WRONKO

* 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



CHEMWAY
 PM: Carolyn Vollentine

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional No

SAMPLES #1 - #67
 SEE ATTACHED
 * All collected 08/24
 between 8:00 - 10:00 am
 * All are drinking water
 * Grab samples
 * No preservatives in any

Possible Hazard Identification	Comments	Relinquished By (signature)	Date/Time	Relinquished By (signature)	Date/Time	Relinquished By (signature)	Date/Time	Sample Disposition	Received By (signature)	Date/Time

Penn Hills Elementary School

- #1 Room 141 Bathroom Sink
- #2 Room 141 faucet
- #3 1st Floor Mens Room Bathroom Sink (Janitor 12)
- #4 1st Floor Janitor 12 ~~Water~~ Water Filler
- #5 Room 131 ~~faucet~~ faucet
- #6 Room 135 faucet
- #7 Room 140 faucet
- #8 Room 134 faucet
- #9 Room 136 ~~faucet~~ faucet Drinking Fountain
- #10 Room 132
- #11 Cafeteria ice machine faucet
- #12 Kitchen Office Main Sink
- #13 kitchen office Hand sink
- #14 Administration Bathroom Sink
- #15 Administration kitchenette Sink
- #16 1st Floor Faculty 157 Girl's Room Sink
- #17 Room 115 faucet Drinking Fountain
- #18 Room 119 faucet Drinking Fountain
- #19 Room 122 faucet Drinking Fountain
- #20 Room 116 faucet
- #21 Room 114 faucet Drinking Fountain
- #22 Library Sink
- #23 Educational Support Room ~~103~~ 103 Bathroom Sink
- #24 1st Floor Janitor C119 Bottle Filler
- #25 Room 105 faucet Drinking Fountain
- #26 Room 109 faucet

- #27 Room 111 Faucet ~~Drinking Fountain~~
- #28 Room 110 Faucet
- #29 Room 106 Faucet ~~Drinking Fountain~~
- #30 Room 104 Faucet
- #31 1st Floor Janitor C119 Boys Room Sink
- #32 Room 158 Faucet
- #33 Room 156 Faucet
- #34 Room 147 Faucet
- #35 ~~Room~~ Room 146 Faucet
- #36 Room 148 Faucet
- #37 Room 151 Faucet
- #38 Room 153 Faucet
- #39 Room 155 Faucet
- #40 Room 154 Faucet
- #41 Room 152 Faucet
- #42 Room 150 Faucet
- #43 2nd Floor Elevator Restroom Faucet
- #44 2nd Floor Administration Zoo Restroom Faucet
- #45 Art Room 217 Faucet
- #46 Art Room 217 (across Hall) Bottle Filler
- #47 Room 219 Faucet
- #48 ~~Room 221~~ Room 223 Faucet
- #49 Room 225 Faucet
- #50 Room 227 Faucet
- #51 Room 229 Faucet Drinking Fountain
- #52 2nd Floor 4th Grade Girls Room Sink

#53 Room 228 Sink

#54 Room 226 Sink

#55 Room 222 Sink

#56 Room 220 Sink

#57 Janitor-22 Boys Room Sink

#58 2nd Floor Break Room Faucet

#59 Room 201B Classroom B Faucet

#60 Room 205 Faucet

#61 Room 207 Faucet

#62 Room 209 Faucet

#63 Room 212 Faucet

#64 2nd Floor 4th & 5th Grade mixed Bathroom ~~Sink~~ Sink

#65 Room 210 Faucet

#66 Room 206 Faucet

#67 Room 204 Faucet

LIVING SINKS

~~#1 Loading Dock Areas Room Sink~~

~~#2 Room 124 Faucet~~

~~#3 1st Floor ~~Men's Room Sink (Janitor)~~ Women's Room Sink (116)~~

~~#4 1st Floor Women's Room (114) Bottle filler~~

~~#5 Room 114 Faucet~~

~~#6 Room 102 Faucet~~

~~#7 Room 161 Faucet (mat sink)~~

~~#8 Room 157 Sink~~

~~#9 Room 147 Sink~~

~~#10 Room 133 Sink~~