

ENVIRONMENTAL TESTING LABORATORY

U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2402478 **Report:** 05/08/24

Lab Contact: Paulina Laudan Webb

Sample Type: Grab

Sample Type: Grab

Attention: Ken Patterson **Project Info:** Misc. testing

Reported To: Muhlenberg Senior High School

801 Bellevue Avenue, c/o Muhlenberg School District

Laureldale, PA 19605

Lab ID: 2402478-01 **Collected By:** Client **Sampled:** 04/29/24 16:50 **Received:** 04/30/24 10:40

Sample Desc: MEC-1 Kitchen Faucet 1st Floor Sample Type: Grab

Rep. Limit Result Unit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-02 **Collected By:** Client **Sampled:** 04/29/24 17:00 **Received:** 04/30/24 10:40

Sample Desc: MEC-2 Near B129 First Floor Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-03 **Collected By:** Client **Sampled:** 04/29/24 17:10 **Received:** 04/30/24 10:40

Sample Desc: MEC-3 Near B131 1st Floor

Rep. Limit Result Unit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 **MPB** mg/l

Lab ID: 2402478-04 **Collected By:** Client **Sampled:** 04/29/24 17:17 **Received:** 04/30/24 10:40

Sample Desc: MEC-4 Near Gym 1st Floor



Lab ID: 2402478-05 **Collected By:** Client **Sampled:** 04/29/24 17:25 **Received:** 04/30/24 10:40

Sample Desc: MEC-5 Near B121-1st Floor Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB 0.001 mg/l

Lab ID: 2402478-06 **Collected By:** Client **Sampled:** 04/29/24 17:40 **Received:** 04/30/24 10:40

Sample Desc: MEC-6 Near B217-2nd Floor Sample Type: Grab

Rep. Result Unit Limit Analysis Method Notes Analyzed Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-07 **Collected By:** Client **Sampled:** 04/29/24 17:32 **Received:** 04/30/24 10:40

Sample Desc: MEC-7 Near B108 1st Floor Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB Lead mg/l

Lab ID: 2402478-08 **Collected By:** Client **Sampled:** 04/29/24 17:45 **Received:** 04/30/24 10:40

Sample Desc: MEC-8 Near B207 2nd Floor Sample Type: Grab

Rep. Limit Unit Analysis Method Notes Result Analyzed Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-09 **Collected By:** Client **Sampled:** 04/29/24 18:00 **Received:** 04/30/24 10:40

Sample Desc: MCl-1 Cole Cafeteria Sample Type: Grab



Lab ID: 2402478-10 Collected By: Client **Sampled:** 04/29/24 18:10 **Received:** 04/30/24 10:40

Sample Desc: MCl-2 Cole Locker Room 126 Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB 0.001 mg/l

Collected By: Client **Lab ID:** 2402478-11 **Sampled:** 04/29/24 18:17 **Received:** 04/30/24 10:40

Sample Desc: MCl-3 Cole Locker Room 125 Sample Type: Grab

Rep. Result Unit Limit Analysis Method Notes Analyzed Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Collected By: Client **Lab ID:** 2402478-12 **Sampled:** 04/29/24 18:25 **Received:** 04/30/24 10:40

Sample Desc: MCl-4 Cole 1st Floor Classrooms Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB Lead mg/l

Lab ID: 2402478-13 Collected By: Client **Sampled:** 04/29/24 00:00 **Received:** 04/30/24 10:40

Sample Desc: MCl-5 Cole 2nd Floor Classrooms Sample Type: Grab

Comments: Location not working at time of sampling - no sample taken

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Field 0 MJRA04/29/24 NAG No Sample

Lab ID: 2402478-14 Collected By: Client **Sampled:** 04/29/24 18:50 **Received:** 04/30/24 10:40

Sample Type: Grab **Sample Desc:** MJHS-1 Kettle Faucet



Sample Type: Grab

Sample Type: Grab

Sample Type: Grab

M.J. Reider Associates, Inc.

Lab ID: 2402478-15 **Collected By:** Client **Sampled:** 04/29/24 19:00 **Received:** 04/30/24 10:40

Sample Desc: MJHS-2 Jr.High 2nd Floor C-Block Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB 0.001 mg/l

Lab ID: 2402478-16 **Collected By:** Client **Sampled:** 04/29/24 19:07 **Received:** 04/30/24 10:40

Sample Desc: MJHS-3 Jr.High 1st Floor C-Block

Rep. Unit Limit Analysis Method Notes Result Analyzed Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-17 **Collected By:** Client **Sampled:** 04/29/24 19:15 **Received:** 04/30/24 10:40

Sample Desc: MJHS-4 2nd Floor D-Block @ Girls Lav

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-18 **Collected By:** Client **Sampled:** 04/29/24 19:23 **Received:** 04/30/24 10:40

Sample Desc: MJHS-5 2nd Floor E-Block @ Girls Lav

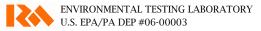
Rep. Limit Unit Analysis Method Notes Result Analyzed Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-19 **Collected By:** Client **Sampled:** 04/29/24 19:30 **Received:** 04/30/24 10:40

Sample Desc: MJHS-6 2nd Floor E Block East Sample Type: Grab



Sample Type: Grab



M.J. Reider Associates, Inc.

Lab ID: 2402478-20 **Collected By:** Client **Sampled:** 04/29/24 19:37 **Received:** 04/30/24 10:40

Sample Desc: MJHS-7 1st Floor E-block East Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB 0.001 mg/l

Lab ID: 2402478-21 **Collected By:** Client **Sampled:** 04/29/24 00:00 **Received:** 04/30/24 10:40

Sample Desc: MJHS-8 1st Floor E block @ girls Lav Sample Type: Grab

Comments: Location not working at time of sampling - no sample taken

Result Unit Limit Analysis Method Analyzed Notes Analyst

Field

No Sample 0 MJRA 04/29/24 NAG

Lab ID: 2402478-22 **Collected By:** Client **Sampled:** 04/29/24 19:50 **Received:** 04/30/24 10:40

Sample Desc: MJHS-9 1st Floor D Block @ Girls Lav

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals EPA 200.8 Rev 5.4 05/01/24 MPB Lead < 0.001 0.001 mg/l

Lab ID: 2402478-23 **Collected By:** Client **Sampled:** 04/29/24 00:00 **Received:** 04/30/24 10:40

Sample Desc: MJHS 10 Science Wing Hall Sample Type: Grab

Comments: Location not working at time of sampling - no sample taken

Rep.
Limit Analysis Method Analyzed Notes Analyst

Field
No Sample 0 MJRA 04/29/24 NAG

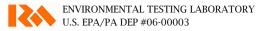
Lab ID: 2402478-24 **Collected By:** Client **Sampled:** 04/29/24 20:00 **Received:** 04/30/24 10:40

Sample Desc: MJHS 11 Boys Locker Room Sample Type: Grab



Sample Type: Grab

Sample Type: Grab



M.J. Reider Associates, Inc.

Lab ID: 2402478-25 **Collected By:** Client **Sampled:** 04/30/24 07:56 **Received:** 04/30/24 10:40

Sample Desc: MHS-11 H.S. Girls Pool Locker Room Sample Type: Grab

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 MPB mg/l

Lab ID: 2402478-26 **Collected By:** Client **Sampled:** 04/30/24 07:45 **Received:** 04/30/24 10:40

Sample Desc: MHS-12 Pool Boys Locker Room

Rep. Result Unit Limit Analysis Method Analyzed Notes Analyst Total Metals Lead MPB < 0.001 0.001 EPA 200.8 Rev 5.4 05/01/24 mg/l

Lab ID: 2402478-27 **Collected By:** Client **Sampled:** 04/30/24 08:22 **Received:** 04/30/24 10:40

Sample Desc: MHS-13 2nd Floor New Weight Room



107 Angelica St, Reading PA, 19611 610-374-5129 www.mjreider.com

WORK ORDER Chain of Custody



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Report Template

0553

Project Manager: Paulina Laudan Webb

The Client, by signing (or having the client's agent sign), agrees to MJRA's Terms and Conditions and

to pay for the above requested services including any additional associated fees incurred.

Client: Muhlenberg Senior High School

Project: Misc. testing

Report To: Muhlenberg Senior High School - Ken Patterson - 801 Bellevue Avenue, c/o Muhlenberg School District, Laureldale, PA 19605

Invoice To: Muhlenberg Senior High School - Ken Patterson - 801 Bellevue Avenue, c/o Muhlenberg School District, Laureldale, PA 1960

Project Notes: Location for bottle drop off: Admin Building: 801 E.Bellevue Avenue, Reading, PA. 19605

Collected By: (Full Name) Marc	Wolfe	Commen	ts:		
Project Notes: Location for bott	le drop off: Admin Building: 801 E.Bellevue Aven	ue, Reading, PA. 19605		,	,
2402478-01 Kitchen F	aucet 1st Floor MEC-1	Matrix: Drinking Water	Type: Grab	Date/Time: 42%	3024 4:50 pm
Pb EPA 200.8			A - Pl 250ml le	eak-proof (Nalgene) HNO3	
2402478-02 MEZ-Z Pb EPA 200.8	Near BIZG First-Floo	Matrix: Drinking Water	Type: Grab	Date/Time: 4/29/	2024 5:00 pm
PD EPA 200.8			A - Pl 250ml lo	eak-proof (Nalgene) HNO3	
2402478-03 MEC-3 N	lear Bizi Ist Floor	Matrix: Drinking Water	Type: Grab	Date/Time: 4/29/0	1024 Silopm
Pb EPA 200.8			A - Pl 250ml le	eak-proof (Nalgene) HNO3	
2402478-04 MEL-4	Near Gym 1st Floor	Matrix: Drinking Water	Type: Grab	Date/Time: 4/29/	2024 5:17 pm
Pb EPA 200.8	,		A - Pl 250ml le	eak-proof (Nalgene) HNO3	
2402478-05 MEC-5	Vear Bizi - 1st Floor	Matrix: Drinking Water	Type: Grab	Date/Time: <u>4/29/</u>	2024 5125 pm
Pb EPA 200.8			A - Pl 250ml le	eak-proof (Nalgene) HNO3	
2402478-06 MEC-6	Near BZIT- 2nd Hoor	Matrix: Drinking Water	Type: Grab	Date/Time: 429	2024 5:40
Pb EPA 200.8			A - Pl 250ml le	eak-proof (Nalgene) HNO3	
2402478-07 MEC-7 N	ear Blob 1st Floor	Matrix: Drinking Water	Type: Grab	Date/Time: 4/29/	2024 5:32 pm
Pb EPA 200.8		,	A - Pl 250ml le	eak-proof (Nalgene) HNO3	
Ken Patherson	4/35/24 10:40 am.				
Relinquished By	Date/Tirhe Received E	D _i	ate/Time	Sample Kit Prepared By	Date/Time
Relinquished By	Date/Time Receive d E	Marine Para a se	ate/Time		000
Relinquished By	Date/Time Received a	Many granauae 8 Da Da	APR 3 0 2024	Sample Temp (°C): Samples on Ice? Approved By:	Yes Do (VX
The Client by gigning (or horizon the allowed				Entered By:	1 - 6

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Report Template

M.J. Reider Associates, Inc.

to pay for the above requested services including any additional associated fees incurred.

Client Code:

0553

Project Manager: Paulina Laudan Webb

Client: Muhlenberg Senior High School

Project: Misc. testing

Comments: Collected By: (Full Name) Matrix: Drinking Water Type: Grab Date/Time: 2402478-08 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-09 M/1-Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 2402478-10 MCI-2 Cole Locker Room 126 Matrix: Drinking Water Type: Grab Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-11 MCI -3 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Cole 1st Floor Type: Grab Date/Time: 2402478-12 MCI-4 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: P 043024 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab 2402478-14 MT#S-Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-15 MIHS Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-16 WTHS-3 Pb EPA_200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Date/Time Sample Kit Prepared By Date/Time Relinquished By Date/Time Sample Temp (°C): Samples on Ice? Relinquished By Date/Time Approved By: Entered By: The Client, by signing (or having the client's agent sign), agrees to MJRA's Terms and Conditions and Page 2 of 4

Printed: 1/15/2024 9:03:11AM

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Report Templat

to pay for the above requested services including any additional associated fees incurred.

Client Code:

0553

Project Manager: Paulina Laudan Webb

Client: Muhlenberg Senior High School

Project: Misc. testing

Comments: Collected By: lerc Wolfe (Full Name) Matrix: Drinking Water Type: Grab Date/Time: 2402478-17 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water 2402478-18 MJHS-5 2nd HOOV E-Block @GHS Lav Type: Grab Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-19 MJ15-6 Floor E Block Eas Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-21 MJHS-8 N 043024 no sample Pb EPA 200.8 A Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-23 MJHS 10 Source W @ 043024 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-24 MJHS IL Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water 2402478-25 MHS-11 H.S. Girls Pool Locker Room Type: Grab Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 10:4/ava. Date/Time Sample Kit Prepared By: Date/Time Relinquished By Date/Time Received By Sample Temp (°C): Vanus appravad Samples on Ice? Relinquished By Date/Time Date/Time Approved By: Entered By: The Client, by signing (or having the client's agent sign), agrees to MJRA's Terms and Conditions and

Page 3 of 4

Printed: 1/15/2024 9:03:11AM



Client Code:

0553

Project Manager: Paulina Laudan Webb

Client: Muhlenberg Senior High School

Project: Misc. testing

Comments: Collected By: (Full Name) Matrix: Drinking Water Type: Grab Date/Time: A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-28 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-29 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 Matrix: Drinking Water Type: Grab Date/Time: 2402478-30 Pb EPA 200.8 A - Pl 250ml leak-proof (Nalgene) HNO3 no sample. @ 043024

Kew Passerson Relinquished By	4/30/24 10:41 am, Date-Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time ADD a C 2004 at (1)
Relinquished By	Date/Time	Received at Laboratory By Med-ne	APR 3 0 2024 (04)
The Client, by signing (or having the client's agent sign), agree to pay for the above requested services including any addition			e 4 of 4 Printed: 1/15/2024 9:03:11AM

Sample Kit Prepared By	Date/Time
Sample Temp (°C): Samples on Ice? Approved By: Entered By:	20.1 Yes W

to pay for the above requested services including any additional associated fees incurred

Report Templat

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MJRA Terms & Conditions

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

Sample Submission, Sample Acceptance & Sampling Containers

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

Turnaround Times (TAT)

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

Analytical Results, Sample Collection Integrity & Subcontracting

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

Payment Terms

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

Warranty & Litigation

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

Reviewed and Approved by:

Paulina Laudan Webb Technical Director of Microbiology

Elina Laudan- Webb



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