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North Wales, PA 19454
Phone: 215.699.4800
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www.complianceplace.com

January 6, 2020

Mr. William Keenan
MaST II Tacony Campus Community Charter School
6501 New State Road
Philadelphia, PA 19135

**Re: Lead in Drinking Water Sampling Report – MaST II Tacony Campus Charter School
CMI Project #190994**

Dear Bill:

Compliance Management International (CMI) is pleased to present this report of the lead in drinking water testing performed on December 27, 2019 at the MaST II Tacony Campus Community Charter School (MaST II Tacony). This report summarizes the methodology, sample results, conclusions and recommendations. The sampling was performed by Ms. Emily Adler, Industrial Hygienist, under the direction of Mr. Todd Allshouse, CIH, CSP, Director, Industrial Hygiene Services, of CMI.

I. Notes and Observations

The following are notes and observations from this project:

1. The day of survey was not a typical school day. The building was unoccupied, as students were not in attendance due to school vacation.
2. The samples were collected prior to the water being flowed at any of the drinking water sources.

II. Methodology

The samples were collected from at all functional drinking water sources within the school building. First draw samples were collected prior to water being flowed. The samples were collected in bottles provided by the testing laboratory. Analysis was performed by ALS Environmental, a PA Department of Environmental Protection (DEP) accredited laboratory.

III. Regulatory Limits

The Philadelphia Code Title 4 Section A-703.1 specifies that lead concentration in water at outlets such as sinks or water fountains shall not be permitted to be at 0.010 milligrams of lead per liter (mg/L; 10 parts per billion) or more.

The Commonwealth of Pennsylvania Act 39 limit for lead in drinking water is 0.15 mg/L (15 ppb).

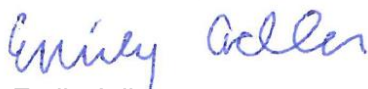
IV. Findings and Recommendations

The following findings and recommendations are based on conditions and sampling results as they existed at the time of this survey.

1. At all of the outlets sampled, the lead in water was measured below the detection limit for the laboratory analytical method. All of the sample results were below the respective limits under Title 4 Section A-703.1 (0.010 mg/L) and PA Act 39 (0.015 mg/L). Refer to Table 1 in Appendix A for a summary of results, and Appendix B for the complete laboratory data.
2. Refer to the EPA document "Revised 3T's for Reducing Lead in Drinking Water in Schools" for additional guidance. Questions regarding requirements of Act 39 or Title 4 Section 703.1 can be referred to the Pennsylvania Department of Education and the City of Philadelphia Health Department.

Thank you for the opportunity to assist you with this project. Please feel free to contact CMI if you have any questions or require any additional information.

Sincerely,



Emily Adler
Industrial Hygienist



Todd A. Allshouse, CIH, CSP
Director, Industrial Hygiene Services

APPENDIX A
SAMPLE RESULTS

Table 1 – Summary of Lead in Drinking Water Analysis			
Location	Sample Date	Result (mg/L)	Limit of 0.015 or 0.010 mg/L Exceeded?
1 st Floor Water Fountain near Entrance	12/27/2019	<0.0020	No
1 st Floor Water Fountain outside Room 119	12/27/2019	<0.0020	No
3 rd Floor Water Fountain	12/27/2019	<0.0020	No
2 nd Floor Water Fountain	12/27/2019	<0.0020	No
Kitchen – Cooking Sink	12/27/2019	<0.0020	No

Table 1 Note: mg/L = milligrams per liter.

APPENDIX B
LABORATORY ANALYSIS REPORT

January 6, 2020

Ms. Emily Adler
Compliance Management International - North Wales
350 Welsh Road, Suite 200
North Wales, PA 19454

Certificate of Analysis

Project Name: Mast II Tacony	Workorder: 3078093
Purchase Order:	Workorder ID: Mast II Tacony

Dear Ms. Adler:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, December 31, 2019.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Amy K Borden (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903



Ms. Amy K Borden
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

ALS Environmental Laboratory Locations Across North America

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Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey



SAMPLE SUMMARY

Workorder: 3078093 Mast II Tacony

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3078093001	012 1st Flr Fountain near Ent`	Drinking Water	12/27/2019 08:00	12/31/2019 08:34	Collected by Client
3078093002	013 1st Floor 0/5 room 119	Drinking Water	12/27/2019 08:00	12/31/2019 08:34	Collected by Client
3078093003	014 3rd Floor Fountain	Drinking Water	12/27/2019 08:00	12/31/2019 08:34	Collected by Client
3078093004	015 2nd Floor Founatin	Drinking Water	12/27/2019 08:00	12/31/2019 08:34	Collected by Client
3078093005	016 Kitchen - Cooking Sink	Drinking Water	12/27/2019 08:00	12/31/2019 08:34	Collected by Client

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SAMPLE SUMMARY

Workorder: 3078093 Mast II Tacony

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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**ANALYTICAL RESULTS**

Workorder: 3078093 Mast II Tacony

Lab ID: **3078093001**

Date Collected: 12/27/2019 08:00

Matrix: Drinking Water

Sample ID: **012 1st Flr Fountain near Ent'**

Date Received: 12/31/2019 08:34

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

METALS

Lead, Total	ND		mg/L	0.0020	EPA 200.8	1/2/20 22:41	MSA	1/3/20 00:16	MSA	A1
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Ms. Amy K Borden

Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 3078093 Mast II Tacony

Lab ID: **3078093002**

Date Collected: 12/27/2019 08:00

Matrix: Drinking Water

Sample ID: **013 1st Floor 0/5 room 119**

Date Received: 12/31/2019 08:34

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	----------	----	----------	----	------

METALS

Lead, Total	ND		mg/L	0.0020	EPA 200.8	1/2/20 22:41	MSA	1/3/20 00:18	MSA	A1
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Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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**ANALYTICAL RESULTS**

Workorder: 3078093 Mast II Tacony

Lab ID: **3078093003**
Sample ID: **014 3rd Floor Fountain**Date Collected: 12/27/2019 08:00 Matrix: Drinking Water
Date Received: 12/31/2019 08:34

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	1/2/20 22:41	MSA	1/3/20 00:14	MSA	A1

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**ANALYTICAL RESULTS**

Workorder: 3078093 Mast II Tacony

Lab ID: **3078093004**

Date Collected: 12/27/2019 08:00

Matrix: Drinking Water

Sample ID: **015 2nd Floor Fountain**

Date Received: 12/31/2019 08:34

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	1/2/20 22:41	MSA	1/3/20 00:13	MSA	A1

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**ANALYTICAL RESULTS**

Workorder: 3078093 Mast II Tacony

Lab ID: **3078093005**

Date Collected: 12/27/2019 08:00

Matrix: Drinking Water

Sample ID: **016 Kitchen - Cooking Sink**

Date Received: 12/31/2019 08:34

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0010	EPA 200.8	1/3/20 09:40	AHI	1/4/20 21:47	MSA	A1

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3078093 Mast II Tacony

Lab ID	Sample ID	Analysis Method	Prep Method
3078093001	012 1st Flr Fountain near Ent`	EPA 200.8	EPA ACIDT
3078093002	013 1st Floor 0/5 room 119	EPA 200.8	EPA ACIDT
3078093003	014 3rd Floor Fountain	EPA 200.8	EPA ACIDT
3078093004	015 2nd Floor Founatin	EPA 200.8	EPA ACIDT
3078093005	016 Kitchen - Cooking Sink	EPA 200.8	EPA TRMD

ALS Environmental Laboratory Locations Across North America

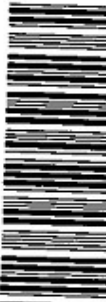
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301 Fulling Mill Road
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

**CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS**
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

CO
AL



* 3 0 7 8 0 9 3 *

Client Name: Compliance Management (N) 1		Container Type	PL	(Completed by Receiving Lab)	
Address: 1350 West Rd.		Container Size	250ml	W.O. Temp: Therm ID:	
North Wales, PA 19454		Preservative	N/A	Courier/Tracking #:	
Contact: Emily Aden		Purchase Order #:			
Phone: 717-944-5541		Project Comments:			
Project Name: MUST ITACON		Samples 012-016. Separate report from #001-011			
Bill To: C/P @ COMPLIANCEBUREAU.COM		ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment			
TAT <input checked="" type="checkbox"/> Normal-Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.		Other:			
Date Required: 1/17/20		Sample/COC Comments			
Email? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Fax? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
Approved? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yyyy	Time hh:mm	Enter Number of Containers Per Sample or Field Results Below.	
012	1st fl. fountain near ent.	12/27/19	08:00	6	2
013	1st fl. 0/S. room 119			1	1
014	3rd fl. fountain			1	1
015	2nd fl. fountain			1	1
016	Kitchen-cooking sink			1	1
6					
7					
8					
9					
10					
SAMPLER BY (Please Print): Emily Aden		Sampler Comments:			
Relinquished By / Company Name		Date	Time	Received By / Company Name	Date
Emily Aden		12/27	10:45	COMMON COURIER / ALS COURIER	12/19/2019
1				4	
3				6	
5	COMMON COURIER / ALS COURIER			8	
7				10	
9					
* G=Grab, C=Composite		** Matrix - AL=Air, DW=Drinking Water, GW=Groundwater, OL=Oil, OL=Other Liquid, SL=Sludge, SO=Soil, WP=Wipe, WW=Wastewater			
ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Middletown, PA 17057		Rev 11/18			



301 Fulling Mill Road
Middletown, PA 17057

P: (717) 944-5541

F: (717) 944-1430

Condition of Sample Receipt Form

Client: Compliance Mgt. Work Order #: 3078093 Initials: Alw Date: 12/31/19

1. Were airbills / tracking numbers present and recorded? SW NONE YES NO
Tracking number: 7792 6285 8129
2. Are Custody Seals on shipping containers intact? NONE YES NO
3. Are Custody Seals on sample containers intact? NONE YES NO
4. Is there a COC (Chain-of-Custody) present? YES NO
5. Are the COC and bottle labels complete, legible and in agreement? YES NO
- 5a. Does the COC contain sample locations? YES NO
- 5b. Does the COC contain date and time of sample collection for all samples? YES NO
- 5c. Does the COC contain sample collectors name? YES NO
- 5d. Does the COC note the type(s) of preservation for all bottles? YES NO
- 5e. Does the COC note the number of bottles submitted for each sample? YES NO
- 5f. Does the COC note the type of sample, composite or grab? YES NO
- 5g. Does the COC note the matrix of the sample(s)? YES NO
6. Are all aqueous samples requiring preservation preserved correctly? need acid N/A YES NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume? YES NO
8. Are all samples within holding times for the requested analyses? YES NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.) YES NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)? N/A YES NO
11. Were the samples received on ice? metals - not required YES NO
12. Were sample temperatures measured at 0.0-6.0°C? YES NO
13. Are the samples DW matrix? If YES, fill out Reportable Drinking Water questions below YES NO
- 13a. Are the samples required for SDWA compliance reporting? N/A YES NO
- 13b. Did the client provide a SDWA PWS ID#? N/A YES NO
- 13c. Are all aqueous unpreserved SDWA samples pH 5-9? N/A YES NO
- 13d. Did the client provide the SDWA sample location ID/Description? N/A YES NO
- 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)? N/A YES NO

Cooler #: _____

Temperature (°C): 11 _____

Thermometer ID: 525 _____

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

the bottle labels do not have sample locations - only #5 to correspond w/ the COC locations

Rev. 4/29/2019