



June 7, 2016

Mr. John Bellone
Facilities Director
Stafford Township SD
250 North Main Street
Manahawkin, NJ 08050

RE: Lead in Water Testing Report
Mckinley Avenue, Stafford Intermediate, Ocean Acres, Oxycocus Elementary, and
Primary Learning Schools

Encl.: Laboratory Results

Dear Mr. Bellone,

Background

Coastal Environmental Compliance, LLC (Coastal Environmental) was contacted by the Stafford Township School District (the District) to conduct Non Regulated Lead in Water testing throughout the School District. This testing is being conducted proactively, following public concern due to other districts within New Jersey exhibiting elevated levels of lead within their water system.

Water testing was conducted on June 18, 2016. Results indicated that several locations within the school district exceeded the Environmental Protection Agency established 15 ppb action level for lead.

Approach

The evening of June 17, 2016, all the fountains and sinks selected for sampling were flushed, and signs were placed to inform the public that these areas were not available for use.

On June 18, 2016, the samples were taken in the morning, using a 250 ml (non-flushed) first draw sample at each selected location within all the District Schools.

Once collected, the samples were transported to IATL, Mount Laurel, New Jersey for analysis.

Findings and Observations

Laboratory results indicate that the following fountains and sinks sampled throughout Oxycocus Elementary, Ocean Acres, Intermediate School, and McKinley Avenue exceeded the Environmental Protection Agency established 15 ppb action level for lead. Therefore, further action is recommended, and water consumption shall cease until corrective action is accomplished.

Transportation – All Acceptable

Primary Learning Center – All Acceptable

Oxycocus Elementary

- Gym Fountain – Right
- Fountain Near Room 33

Ocean Acres Elementary

- Fountain in Room A10
- Right Sink in Room 302
- Sink in 201

Intermediate School

- Fountain in Room 214
- Sink in Library Media Room

McKinley Avenue School

- Fountain in Room 88

Recommendation

There are several options the School District can take to minimize and reduce the lead level found throughout the district.

- Replace sink faucets, ensuring no brass or lead materials are used.
- Flush the lines prior to use every day for at least 10 minutes to ensure lead levels are lowered. (testing to prove this method is successful)
- Contact a water treatment specialist, for further options on filters and other equipment in order to reduce the lead levels from these areas. (testing to prove this method is successful)
- Disconnect water supply and discontinue use for the areas listed above.

If you have any further questions, or need additional information, please do not hesitate to call me at 609.820.9312.

Sincerely,
Coastal Environmental Compliance, LLC

Cathy Ledden

Cathy Ledden
Sr. Environmental Compliance Officer

LABORATORY RESULTS

Initial Testing

June 18, 2016

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 6/30/2016
Report No.: 512580 - Lead Water
Project: Intermediate
Project No.: Stafford - Pb H2O

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5965744	Location: F Near Cafe, 6-18-16	Result(ppb): <2.0
Client No.: I 1		

Lab No.: 5965745	Location: F In 313, 6-18-16	Result(ppb): <2.0
Client No.: I 2		

Lab No.: 5965746	Location: F In 213, 6-18-16	Result(ppb): <2.0
Client No.: I 3		

Lab No.: 5965747	Location: F In 205, 6-18-16	Result(ppb): 3.2
Client No.: I 4		

Lab No.: 5965748	Location: S In 303, 6-18-16	Result(ppb): <2.0
Client No.: I 5		

Lab No.: 5965749	Location: F In 215, 6-18-16	Result(ppb): <2.0
Client No.: I 6		

Lab No.: 5965750	Location: F Near Library, 6-18-16	Result(ppb): <2.0
Client No.: I 7		

Lab No.: 5965751	Location: Art Room Sink Right, 6-18-16	Result(ppb): <2.0
Client No.: I 8		

Lab No.: 5965752	Location: F In 310, 6-18-16	Result(ppb): <2.0
Client No.: I 9		

Lab No.: 5965753	Location: Art Room Sink Left, 6-18-16	Result(ppb): <2.0
Client No.: I 10		

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 6/20/2016
Date Analyzed: 6/30/2016 12:00:00 AM
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 6/30/2016
Report No.: 512580 - Lead Water
Project: Intermediate
Project No.: Stafford - Pb H20

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5965754 **Location:** F In 306, 6-18-16 **Result(ppb):** <2.0
Client No.: I 11

Lab No.: 5965755 **Location:** S In Comp Rm, 6-18-16 **Result(ppb):** 12
Client No.: I 12

Lab No.: 5965756 **Location:** Kitchen Sink Near Refrigerator, 6-18-16 **Result(ppb):** <2.0
Client No.: I 13

Lab No.: 5965757 **Location:** F In 311, 6-18-16 **Result(ppb):** <2.0
Client No.: I 14

Lab No.: 5965758 **Location:** F In 212, 6-18-16 **Result(ppb):** <2.0
Client No.: I 15

Lab No.: 5965759 **Location:** F In Gym Left, 6-18-16 **Result(ppb):** <2.0
Client No.: I 16

Lab No.: 5965760 **Location:** F In 305, 6-18-16 **Result(ppb):** <2.0
Client No.: I 17

Lab No.: 5965761 **Location:** S In Music, 6-18-16 **Result(ppb):** 6.0
Client No.: I 18

Lab No.: 5965762 **Location:** S In 110, 6-18-16 **Result(ppb):** <2.0
Client No.: I 19

Lab No.: 5965763 **Location:** S In Library Office, 6-18-16 **Result(ppb):** 12
Client No.: I 20

Please refer to the Appendix of this report for further information regarding your analysis.

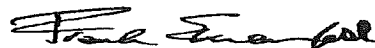
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5965764 **Location:** F In 308, 6-18-16 **Result(ppb):** <2.0
Client No.: I 21

Lab No.: 5965765 **Location:** F In 214, 6-18-16 **Result(ppb):** 28
Client No.: I 22

Lab No.: 5965766 **Location:** F In Science Lab (89), 6-18-16 **Result(ppb):** 3.0
Client No.: I 23

Lab No.: 5965767 **Location:** F In 216, 6-18-16 **Result(ppb):** 2.7
Client No.: I 24

Lab No.: 5965768 **Location:** F In 211, 6-18-16 **Result(ppb):** <2.0
Client No.: I 25

Lab No.: 5965769 **Location:** F In Caf, 6-18-16 **Result(ppb):** <2.0
Client No.: I 26

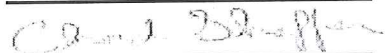
Lab No.: 5965770 **Location:** F In 210, 6-18-16 **Result(ppb):** <2.0
Client No.: I 27

Lab No.: 5965771 **Location:** F In 307, 6-18-16 **Result(ppb):** <2.0
Client No.: I 28

Lab No.: 5965772 **Location:** F In 203, 6-18-16 **Result(ppb):** <2.0
Client No.: I 29

Lab No.: 5965773 **Location:** F In Main Office, 6-18-16 **Result(ppb):** 12
Client No.: I 30

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Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965774 Location:F In 95, 6-18-16 Result(ppb):2.1
Client No.:I 31

Lab No.:5965775 Location:F In Vocal Room, 6-18-16 Result(ppb):<2.0
Client No.:I 32

Lab No.:5965776 Location:F In 304, 6-18-16 Result(ppb):<2.0
Client No.:I 33

Lab No.:5965777 Location:F In Nurse, 6-18-16 Result(ppb):<2.0
Client No.:I 34

Lab No.:5965778 Location:S In Library Media Rm, 6-18-16 Result(ppb):32
Client No.:I 35

Lab No.:5965779 Location:F In 113, 6-18-16 Result(ppb):<2.0
Client No.:I 36

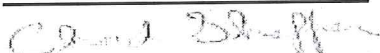
Lab No.:5965780 Location:S In 106, 6-18-16 Result(ppb):2.1
Client No.:I 37

Lab No.:5965781 Location:F In 200, 6-18-16 Result(ppb):<2.0
Client No.:I 38

Lab No.:5965782 Location:F In 204, 6-18-16 Result(ppb):<2.0
Client No.:I 39

Lab No.:5965783 Location:F In 320, 6-18-16 Result(ppb):2.4
Client No.:I 40

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Project No.: Stafford - Pb H20

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5965784 **Location:** F High Stac Near Dressing Rm, 6-18-16 **Result(ppb):** <2.0
Client No.: I 41

Lab No.: 5965785 **Location:** F Near Nurse Gang Bathroom, 6-18-16 **Result(ppb):** <2.0
Client No.: I 42

Lab No.: 5965786 **Location:** F In 208, 6-18-16 **Result(ppb):** <2.0
Client No.: I 43

Lab No.: 5965787 **Location:** F In 314, 6-18-16 **Result(ppb):** <2.0
Client No.: I 44

Lab No.: 5965788 **Location:** S In 107, 6-18-16 **Result(ppb):** 5.7
Client No.: I 45

Lab No.: 5965789 **Location:** F In 206, 6-18-16 **Result(ppb):** <2.0
Client No.: I 46

Lab No.: 5965790 **Location:** F In 102, 6-18-16 **Result(ppb):** <2.0
Client No.: I 47

Lab No.: 5965791 **Location:** F In 105, 6-18-16 **Result(ppb):** <2.0
Client No.: I 48

Lab No.: 5965792 **Location:** F In 207, 6-18-16 **Result(ppb):** <2.0
Client No.: I 49

Lab No.: 5965793 **Location:** F In 103, 6-18-16 **Result(ppb):** 4.0
Client No.: I 50

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Project No.: Stafford - Pb H20

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5965794
Client No.: I 51

Location: F In 101, 6-18-16

Result(ppb): <2.0

Lab No.: 5965795
Client No.: I 52

Location: F In 108, 6-18-16

Result(ppb): <2.0

Lab No.: 5965796
Client No.: I 53

Location: F In 100, 6-18-16

Result(ppb): <2.0

Lab No.: 5965797
Client No.: I 54

Location: F In 209, 6-18-16

Result(ppb): <2.0

Lab No.: 5965798
Client No.: I 55

Location: S In Main Office A Wing, 6-18-16

Result(ppb): 6.5

Lab No.: 5965799
Client No.: I 56

Location: F In 109, 6-18-16

Result(ppb): <2.0

Lab No.: 5965800
Client No.: I 57

Location: F In 104, 6-18-16

Result(ppb): <2.0

Lab No.: 5965801
Client No.: I 58

Location: F In Gym Right, 6-18-16

Result(ppb): <2.0

Lab No.: 5965802
Client No.: I 59

Location: F-STAC Foyer Left, 6-18-16

Result(ppb): 2.8

Lab No.: 5965803
Client No.: I 60

Location: SD Room STAC Left, 6-18-16

Result(ppb): <2.0

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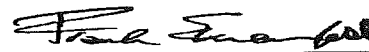
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Project No.: Stafford - Pb H2O

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 5965804
Client No.: I 61

Location: STAC-F-Low Near D Room, 6-18-16 **Result(ppb):** <2.0

Lab No.: 5965805
Client No.: I 62

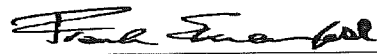
Location: STAC-Sink D Room Right, 6-18-16 **Result(ppb):** <2.0

Lab No.: 5965806
Client No.: I 63

Location: STAC-F Foyer Right, 6-18-16 **Result(ppb):** <2.0

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Hammonton NJ 08037

Client: COA212

Report Date: 6/30/2016
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Project: Intermediate
Project No.: Stafford - Pb H2O

Appendix to Analytical Report:

Customer Contact: Cathy Ledden

Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: cdavis@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Water

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

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

Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

- USEPA 200.9Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7000B:7421 - Pb(AAS-GF, RL <2 ppb/sample)

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 2.0 PPB

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Client: COA212

Report Date: 6/29/2016
Report No.: 512576 - Lead Water
Project: McKinley; 6/18/16
Project No.: Stafford PB H20

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965814 Location:Fountain Outside Cafe Result(ppb):<2.0
Client No.:M1

Lab No.:5965815 Location:Fountain In Rm 88 Result(ppb):19
Client No.:M2

Lab No.:5965816 Location:Fountain Left Next Receiving/Storage Result(ppb):<2.0
Client No.:M3

Lab No.:5965817 Location:Fountain In 114 Result(ppb):<2.0
Client No.:M4

Lab No.:5965818 Location:Fountain In Rm 85 Result(ppb):2.4
Client No.:M5

Lab No.:5965819 Location:Sink In Nurse Rm Result(ppb):<2.0
Client No.:M6

Lab No.:5965820 Location:Fountain In Rm 107 Result(ppb):<2.0
Client No.:M7

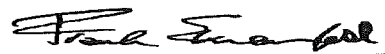
Lab No.:5965821 Location:Fountain In Rm 96 Result(ppb):6.9
Client No.:M8

Lab No.:5965822 Location:Fountain In Rm 100 Result(ppb):<2.0
Client No.:M9

Lab No.:5965823 Location:Fountain In Rm 111 Result(ppb):12
Client No.:M10

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965824 Location:Fountain In Rm 102 Result(ppb):2.6
Client No.:M11

Lab No.:5965825 Location:Fountain In Rm 104 Result(ppb):<2.0
Client No.:M12

Lab No.:5965826 Location:Fountain In Rm 109 Result(ppb):<2.0
Client No.:M13

Lab No.:5965827 Location:Fountain At End Of Hall 123-121 Result(ppb):<2.0
Client No.:M14

Lab No.:5965828 Location:Fountain In Rm 99 Result(ppb):<2.0
Client No.:M15

Lab No.:5965829 Location:Fountain Near Rm 122 Right Result(ppb):<2.0
Client No.:M16

Lab No.:5965830 Location:Fountain In Rm 87 Result(ppb):11
Client No.:M17

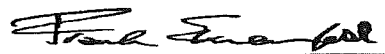
Lab No.:5965831 Location:Fountain In Rm 93 Result(ppb):<2.0
Client No.:M18

Lab No.:5965832 Location:Fountain In Rm 101 Result(ppb):4.8
Client No.:M19

Lab No.:5965833 Location:Fountain In Cafe Result(ppb):<2.0
Client No.:M20

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965834 Location:Fountain In Rm 108 Result(ppb):2.3
Client No.:M21

Lab No.:5965835 Location:Fountain In Rm 95 Result(ppb):<2.0
Client No.:M22

Lab No.:5965836 Location:Fountain In Rm 103 Result(ppb):<2.0
Client No.:M23

Lab No.:5965837 Location:Fountain In Rm 92 Result(ppb):<2.0
Client No.:M24

Lab No.:5965838 Location:Fountain In Rm 97 Result(ppb):<2.0
Client No.:M25

Lab No.:5965839 Location:Fountain In Rm 94 Result(ppb):<2.0
Client No.:M26

Lab No.:5965840 Location:Fountain In Rm 90 Result(ppb):12
Client No.:M27

Lab No.:5965841 Location:Fountain In Rm 98 Result(ppb):3.8
Client No.:M28

Lab No.:5965842 Location:Fountain In Rm 86 Result(ppb):<2.0
Client No.:M29

Lab No.:5965843 Location:Fountain In Rm 91 Result(ppb):<2.0
Client No.:M30

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965844 Location:Fountain In 113 Result(ppb):<2.0
Client No.:M31

Lab No.:5965845 Location:Fountain Near Rm 122 Result(ppb):<2.0
Client No.:M32

Lab No.:5965846 Location:Fountain In 116 Result(ppb):<2.0
Client No.:M33

Lab No.:5965847 Location:Fountain In 105 Result(ppb):9.5
Client No.:M34

Lab No.:5965848 Location:Fountain Near 123 Result(ppb):<2.0
Client No.:M36

Lab No.:5965849 Location:Fountain In 110 Result(ppb):4.8
Client No.:M37

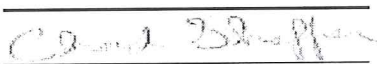
Lab No.:5965850 Location:Fountain In 106 Result(ppb):4.1
Client No.:M38

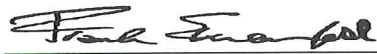
Lab No.:5965851 Location:Fountain In 115 Result(ppb):<2.0
Client No.:M39

Lab No.:5965852 Location:Sink Faculty Rm Result(ppb):3.9
Client No.:M40

Lab No.:5965853 Location:Fountain Right Next Receiving/Store Rm Result(ppb):<2.0
Client No.:M35

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Appendix to Analytical Report:

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Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

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iATL Office Manager: cdavis@iatl.com
iATL Account Representative: Shirley Clark
Sample Login Notes: See Batch Sheet Attached
Sample Matrix: Water
Exceptions Noted: See Following Pages

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iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

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Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-08D, USEPA 40CFR 141.11B, 2010
- USEPA 200.9Pb, AAS-GF, RL <2 ppb/sample
- USEPA SW 846-7000B:7421 - Pb(AAS-GF, RL <2 ppb/sample)

Certification:

- NYS-DOH No. 11021
- NJDEP No. 03863

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Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 7/1/2016
Report No.: 512578 - Lead Water
Project: Ocean Acres, 6/18/16
Project No.: Stafford PB H20

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965854 Location:Fountain In A9 Result(ppb):<2.0
Client No.:OA1

Lab No.:5965855 Location:Fountain In A10 Result(ppb):40
Client No.:OA2

Lab No.:5965856 Location:Fountain In A116 Result(ppb):<2.0
Client No.:OA3

Lab No.:5965857 Location:Fountain In G25 Result(ppb):<2.0
Client No.:OA4

Lab No.:5965858 Location:Fountain In A11 Result(ppb):<2.0
Client No.:OA5

Lab No.:5965859 Location:Fountain In 102 Result(ppb):12
Client No.:OA6

Lab No.:5965860 Location:Fountain In 22 Result(ppb):<2.0
Client No.:OA7

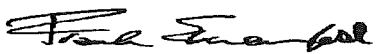
Lab No.:5965861 Location:Fountain In A6 Result(ppb):<2.0
Client No.:OA8

Lab No.:5965862 Location:Fountain In A4 Result(ppb):<2.0
Client No.:OA9

Lab No.:5965863 Location:Fountain In 115 Result(ppb):<2.0
Client No.:OA10

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 6/20/2016
Date Analyzed: 7/1/2016 12:00:00 AM
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Client: COA212

Report Date: 7/1/2016
Report No.: 512578 - Lead Water
Project: Ocean Acres, 6/18/16
Project No.: Stafford PB H20

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965864 Location: Sink In Nurse Exam Rm Result(ppb):<2.0
Client No.:OA11

Lab No.:5965865 Location: Fountain In A3 Result(ppb):<2.0
Client No.:OA12

Lab No.:5965866 Location: Fountain In 114 Result(ppb):5.4
Client No.:OA13

Lab No.:5965867 Location: Sink Girls Rm Left Result(ppb):<2.0
Client No.:OA14

Lab No.:5965868 Location: Fountain Near 120B Result(ppb):<2.0
Client No.:OA15

Lab No.:5965869 Location: Fountain In 110 Result(ppb):<2.0
Client No.:OA16

Lab No.:5965870 Location: Sink In Nurses Office Result(ppb):<2.0
Client No.:OA17

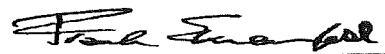
Lab No.:5965871 Location: Sink In Main Office Next To Result(ppb):<2.0
Client No.:OA18 Bathroom

Lab No.:5965872 Location: Fountain In 113 Result(ppb):<2.0
Client No.:OA19

Lab No.:5965873 Location: Fountain In A8 Result(ppb):<2.0
Client No.:OA20

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965874 Location:Sink In Boys Bathroom Right Result(ppb):<2.0
Client No.:OA21

Lab No.:5965875 Location:Fountain In 21 Result(ppb):<2.0
Client No.:OA22

Lab No.:5965876 Location:Fountain In 106 Result(ppb):<2.0
Client No.:OA23

Lab No.:5965877 Location:Fountain In A7 Result(ppb):<2.0
Client No.:OA24

Lab No.:5965878 Location:Fountain In 104 Result(ppb):<2.0
Client No.:OA25

Lab No.:5965879 Location:Fountain In 202 Result(ppb):<2.0
Client No.:OA26

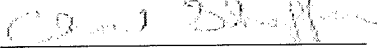
Lab No.:5965880 Location:Fountain Across IAQ14 Result(ppb):<2.0
Client No.:OA27

Lab No.:5965881 Location:Fountain In A5 Result(ppb):<2.0
Client No.:OA28

Lab No.:5965882 Location:Fountain In 112 Result(ppb):<2.0
Client No.:OA29

Lab No.:5965883 Location:Fountain Near Rm 6 Result(ppb):<2.0
Client No.:OA30

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965884 Location:Fountain In 107 Result(ppb):<2.0
Client No.:OA31

Lab No.:5965885 Location:Fountain Near 108 Result(ppb):<2.0
Client No.:OA32

Lab No.:5965886 Location:Fountain In A12 Result(ppb):<2.0
Client No.:OA33

Lab No.:5965887 Location:Fountain In 215 Result(ppb):<2.0
Client No.:OA34

Lab No.:5965888 Location:Sink In 302 Center Result(ppb):2.6
Client No.:OA35

Lab No.:5965889 Location:Sink In 302R Result(ppb):41
Client No.:OA36

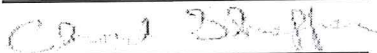
Lab No.:5965890 Location:Sink Cafe 4 Result(ppb):2.9
Client No.:OA37

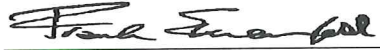
Lab No.:5965891 Location:Fountain In 206 Result(ppb):<2.0
Client No.:OA38

Lab No.:5965892 Location:Sink In 302 Left Result(ppb):9.6
Client No.:OA39

Lab No.:5965893 Location:Fountain Near APRL Result(ppb):<2.0
Client No.:OA40

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965894 Location:Fountain In 210 Result(ppb):<2.0
Client No.:OA41

Lab No.:5965895 Location:Fountain In 212 Result(ppb):<2.0
Client No.:OA42

Lab No.:5965896 Location:Fountain In 203 Result(ppb):<2.0
Client No.:OA43

Lab No.:5965897 Location:Fountain In 217 Result(ppb):<2.0
Client No.:OA44

Lab No.:5965898 Location:Fountain In 205 Result(ppb):<2.0
Client No.:OA45

Lab No.:5965899 Location:Fountain In 216 Result(ppb):<2.0
Client No.:OA46

Lab No.:5965900 Location:Sink In Womens BR L Result(ppb):<2.0
Client No.:OA47

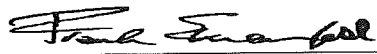
Lab No.:5965901 Location:Fountain In 214 Result(ppb):<2.0
Client No.:OA48

Lab No.:5965902 Location:Sink In Teachers Lounge Result(ppb):<2.0
Client No.:OA49

Lab No.:5965903 Location:Fountain In 211 Result(ppb):<2.0
Client No.:OA50

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Report Date: 7/1/2016
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965904 Location:Fountain In 213 Result(ppb):<2.0
Client No.:OA51

Lab No.:5965905 Location:Faculity Room E Wing Sink Result(ppb):<2.0
Client No.:OA52

Lab No.:5965906 Location:Fountain In 105 Result(ppb):<2.0
Client No.:OA53

Lab No.:5965907 Location:Cafe Sink 1 Result(ppb):<2.0
Client No.:OA54

Lab No.:5965908 Location:Sink In 201 Result(ppb):15
Client No.:OA55

Lab No.:5965909 Location:Fountain In 103 Result(ppb):<2.0
Client No.:OA56

Lab No.:5965910 Location:Fountain In 203 Result(ppb):<2.0
Client No.:OA57

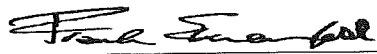
Lab No.:5965911 Location:Fountain In 204 Result(ppb):<2.0
Client No.:OA58

Lab No.:5965912 Location:Cafe Sink 3 Result(ppb):<2.0
Client No.:OA59

Lab No.:5965913 Location:Cafe Sink 2 Result(ppb):4.3
Client No.:OA60

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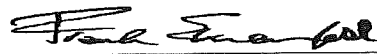
Lab No.:5965914
Client No.:OA61

Location:Fountain Near APR-R

Result(ppb):<2.0

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Customer Contact: Cathy Ledden

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- NYS-DOH No. 11021

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CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Client: COA212

Report Date: 6/29/2016
Report No.: 512577 - Lead Water
Project: Primary Learning Center; 6/18/16
Project No.: Stafford PB H20

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965594 Location:Fountain In 31 Result(ppb):<2.0
Client No.:P1

Lab No.:5965595 Location:Fountain In 25 Result(ppb):<2.0
Client No.:P2

Lab No.:5965596 Location:Fountain In 30 Result(ppb):<2.0
Client No.:P3

Lab No.:5965597 Location:Sink In C19 Result(ppb):<2.0
Client No.:P4

Lab No.:5965598 Location:Sink In 11 L Result(ppb):<2.0
Client No.:P5

Lab No.:5965599 Location:Sink In 11 R Result(ppb):<2.0
Client No.:P6

Lab No.:5965600 Location:Sink In 22 Result(ppb):<2.0
Client No.:P7

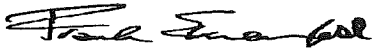
Lab No.:5965601 Location:Kitchen Sink Result(ppb):<2.0
Client No.:P8

Lab No.:5965602 Location:Sink In Break Room Near M.O. Result(ppb):11
Client No.:P9

Lab No.:5965603 Location:Fountain In 4 Result(ppb):<2.0
Client No.:P10

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Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Client: COA212

Report Date: 6/29/2016
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965604 Location:Fountain In 23 Result(ppb):<2.0
Client No.:P11

Lab No.:5965605 Location:Sink In 3 Result(ppb):<2.0
Client No.:P12

Lab No.:5965606 Location:Fountain In 6 Result(ppb):<2.0
Client No.:P13

Lab No.:5965607 Location:Sink In C118 Result(ppb):<2.0
Client No.:P14

Lab No.:5965608 Location:Fountain In 10 Result(ppb):<2.0
Client No.:P15

Lab No.:5965609 Location:Fountain In 28 Result(ppb):<2.0
Client No.:P16

Lab No.:5965610 Location:Fountain Cafe Right Result(ppb):<2.0
Client No.:P17

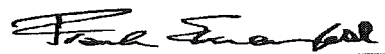
Lab No.:5965611 Location:Fountain In 29 Result(ppb):<2.0
Client No.:P18

Lab No.:5965612 Location:Fountain In 27 Result(ppb):<2.0
Client No.:P19

Lab No.:5965613 Location:Fountain In 7 Result(ppb):<2.0
Client No.:P20

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965614 Location:Fountain In 8 Result(ppb):2.0
Client No.:P21

Lab No.:5965615 Location:Fountain In 24 Result(ppb):<2.0
Client No.:P22

Lab No.:5965616 Location:Fountain In 9 Result(ppb):<2.0
Client No.:P23

Lab No.:5965617 Location:Sink In 34 Faculty Result(ppb):<2.0
Client No.:P24

Lab No.:5965618 Location:Sink In 10 Result(ppb):2.1
Client No.:P25

Lab No.:5965619 Location:Fountain Cafe Left Result(ppb):<2.0
Client No.:P26

Lab No.:5965620 Location:Fountain In 26 Result(ppb):<2.0
Client No.:P27

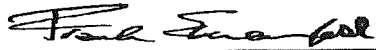
Lab No.:5965621 Location:Fountain In 3 Result(ppb):<2.0
Client No.:P28

Lab No.:5965622 Location:Sink In 12 Result(ppb):<2.0
Client No.:P29

Lab No.:5965623 Location:Fountain In 5 Result(ppb):<2.0
Client No.:P30

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Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Client: COA212

Report Date: 6/28/2016
Report No.: 512579 - Lead Water
Project: Trans & Oxycocus
Project No.: Stafford - Pb H20

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:5965532 Location:F Gym Right Result(ppb):24
Client No.:01

Lab No.:5965533 Location:F Near Rm 33 Result(ppb):29
Client No.:02

Lab No.:5965534 Location:F Gym Left Result(ppb):3.5
Client No.:03

Lab No.:5965535 Location:S In 35 Result(ppb):<2.0
Client No.:04

Lab No.:5965536 Location:F Near Gym Result(ppb):3.9
Client No.:05

Lab No.:5965537 Location:S Cafe Sink Facing Door Result(ppb):4.8
Client No.:06

Lab No.:5965538 Location:S In Teacher Break Left Result(ppb):8.4
Client No.:07

Lab No.:5965539 Location:Transportation Bldg. Fountain Result(ppb):3.9
Client No.:Tran-1

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 6/20/2016
Date Analyzed: 6/28/2016 12:00:00 AM
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 6/28/2016
Report No.: 512579 - Lead Water
Project: Trans & Oycocus
Project No.: Stafford - Pb H2O

Client: COA212

Appendix to Analytical Report:

Customer Contact: Cathy Ledden

Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

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iATL Customer Service: customerservice@iatl.com

iATL Office Manager: cdavis@iatl.com

iATL Account Representative: Shirley Clark

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Water

Exceptions Noted: See Following Pages

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iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

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Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

- USEPA 200.9Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7000B:7421 - Pb(AAS-GF, RL <2 ppb/sample)

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

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November 21, 2016

Mr. John Bellone
Facilities Director
Stafford Township SD
250 North Main Street
Manahawkin, NJ 08050

Subj.: **Lead in Water Confirmation Testing and Ice Machine Testing
Oxycocus Elementary, Ocean Acres, Stafford Intermediate, and McKinley
Avenue**

Dear Mr. Bellone,

Background

Coastal Environmental Compliance, LLC (Coastal Environmental) was retained by the Stafford Township School District (the District) to conduct confirmation lead in water testing throughout the schools listed above. This testing was conducted following repairs and replacement of faucets and other fixtures, to ensure no brass or lead materials were present. Also, water within the ice machines was tested to ensure lead was not present within these systems.

Water testing was conducted on November 10, 2016. Results of the testing indicated that one fountain (Oxycocus Gym Fountain Right) exceeded the Environmental Protection Agency established 15 ppb action level of lead.

Approach

The evening of November 9, 2016, several fountains, sinks and ice machines were flushed, and signs were placed to inform the public that these areas were not available for use.

On November 10, 2016, the samples were taken in the morning, using a one liter (non-flushed) first draw sample. Below, please find the locations and facilities tested.

- **Oxycocus**: Gym Fountain Right and Fountain near Room 33.
- **Ocean Acres**: Fountain in Room A-10, Sink in Room 302 Right, Sink in Room 201, and Ice Machine located in the Kitchen.
- **Intermediate**: Fountain in Room 214, Sink in Library Media Room, and Ice Machine near Kitchen.
- **McKinley**: Fountain in Room 88.

Once collected, the samples were then transported to IATL, Mount Laurel, New Jersey for analysis.

Finding and Observations

Laboratory results indicate that the Gym Fountain – Right located at the Oxycocus Elementary School exceeded the Environmental Protection Agency established 15 ppb action level of lead. Therefore, further action is recommended, and water consumption shall cease.

All other water outlets sampled were below the action level, proving the repair and replacement efforts were effective in lowering the previously elevated outlets.

Recommendations

The Gym Fountain – Right located at the Oxycocus Elementary School shall be permanently disconnected and consumption shall cease indefinitely. There is a fountain located directly outside the gym where students and staff members can utilize.

If you have any further questions regarding this matter, please do not hesitate to call me at 609.820.9312.

Sincerely,
Coastal Environmental Compliance, LLC

Cathy Ledden

Cathy Ledden
Sr. Environmental Compliance Officer

Testing Results
November 10, 2016

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammononton NJ 08037

Report Date: 11/15/2016
Report No.: 523606 - Lead Water
Project: Stafford Confirmation
Project No.:

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6081764 Client No.:Oxy-C-1	Location:Gym Fountain Right, 11-11-16	Result(ppb): 21.8
Lab No.:6081765 Client No.:Oxy-C-2	Location:Fountain Near Rm 33, 11-11-16	Result(ppb): 10.2
Lab No.:6081766 Client No.:OA-C-1	Location:Fountain In Rm A10, 11-11-16	Result(ppb): <2.00
Lab No.:6081767 Client No.:OA-C-2	Location:Room 302 Right Sink, 11-11-16	Result(ppb): 2.10
Lab No.:6081768 Client No.:OA-C-3	Location:Sink In Room 201, 11-11-16	Result(ppb): 2.10
Lab No.:6081769 Client No.:OA-Ice	Location:Ice Machine In Kitchen, 11-11-16	Result(ppb): <2.00
Lab No.:6081770 Client No.:Inter-C-1	Location:Fountain In Room 214, 11-11-16	Result(ppb): 2.50
Lab No.:6081771 Client No.:Inter-C-2	Location:Sink In Library Media Room, 11-11-16	Result(ppb): 6.30
Lab No.:6081772 Client No.:Inter-Ice	Location:Ice Machine Near Kitchen, 11-11-16	Result(ppb): <2.00
Lab No.:6081773 Client No.:MCK-C-1	Location:Fountain In Rm 88, 11-11-16	Result(ppb): 5.70

Please refer to the Appendix of this report for further information regarding your analysis.

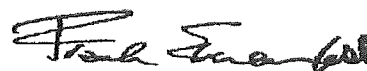
Date Received: 11/10/2016

Date Analyzed: 11/15/2016

Signature:

Analyst: Chad Shaffer

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 11/15/2016
Report No.: 523606 - Lead Water
Project: Stafford Confirmation
Project No.:

Client: COA212

Appendix to Analytical Report:

Customer Contact: Cathy Ledden

Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

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iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

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Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

Chain of Custody

– Environmental Lead –

Contact Information

Client Company: Coastal Environmental Project Number: _____
Office Address: PO Box 167 Project Name: Stafford Confirmation
City, State, Zip: Hamorton NJ 08037 Primary Contact: C. Ledder
Fax Number: 609 561 6197 Office Phone: 609 820 9312
Email Address: CoastalEnvironmental@hotmail.com Cell Phone: _____

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☐ Paint by AAS: ASTM D3335-85a, 2009
☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
☐ Air by AAS: NIOSH 7082, 1994
☐ Soil by AAS: EPA SW 846 (Soil)
☒ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
☐ Other Metals (Cd, Zn, Cr) by AAS
☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
☐ Other _____

Special Instructions:

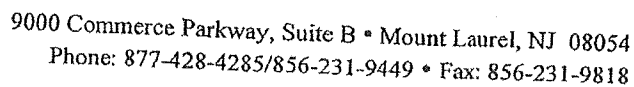
Ice machines were also sampled - Initial
All other samples were confirmation samples after
repair of plumbing fixtures were replaced

Turnaround Time

Preliminary Results Requested Date: _____
Specific date / time
☒ 10 Day ☐ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Carl L. L. Date: 11/10/16 Time: _____
Received (Name / iATL): T. Armstrong Date: 11-10-16 Time: _____
Sample Login (Name / iATL): _____ Date: _____ Time: _____
Analysis(Name(s) / iATL): ND 11/14/16 Date: _____ Time: _____
QA/QC Review (Name / iATL): ML Date: 11/16/16 Time: NOV 10 2016
Archived / Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____



Client: Coastal Environmental Project: Stafford Construction

[illegible]

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.