



RK Occupational & Environmental Analysis Inc.

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Mold Assessment
and Remediation

June 17, 2022

Health/Safety and
Environmental
Regulatory
Compliance

Mr. Pete DeMary, CEFM
Supervisor of Buildings & Grounds
Allamuchy Township Board of Education
20 Johnsonburg Road
Allamuchy, NJ 07820

Right-To-Know

re: **Water Sampling for Compliance with N.J.A.C. 6A:26-12.4
Lead in Drinking Water: Follow-Up Water Sampling at new CST Kitchen Sink**

OSHA/EPA/DOT
Training Programs

Asbestos and Lead
Management

Dear Mr. DeMary,

Industrial Hygiene/
OSHA Compliance

This follows our previous report on the subject and covers the follow-up water sampling that was conducted on April 28, 2022. Two water samples were collected from the new faucets on the sinks in the Kitchen and Room 128. These water outlets were taken out of service after initial sample results were received and showed Lead results above the 15 ppb standard for Drinking Water.

Indoor Air Quality

Results from the current sampling show acceptable results and can be returned to service.

Underground/
Aboveground
Storage Tanks

If you have any questions, please don't hesitate to call us.

Environmental
Site Assessment

Sincerely,

Patrick D. McGuinness, MS, P.E.
Vice President

Hazardous/
Medical Waste
Management

Attachment

(file ... \Proposal\WaterTest\AllamuchyTwp addendum1)

Environmental
Audits

Expert Witness/
Litigation Support

Customized
Software

Addendum #1 to Sampling Report - Lead in Drinking Water
Allamuchy Township School

1. Background and Sampling Summary

Initial water sampling was conducted on February 15, 2022 and a total of 27 water samples were collected in the District's two buildings and analyzed for total Lead. Sample results showed that 5 sample locations exceeded the 15 parts per billion (ppb) Drinking Water Standard and all were at the Allamuchy Township School.

All five locations were turned off and three of the locations will remain out of service. Sink faucets at the other two sample location were replaced and then re-sampled on April 28, 2022. Both water samples showed acceptable Lead results on the re-test as compared to the 15 ppb standard.

2. Water Sampling Results and Discussion

The re-sampling logs and results are shown on the table below. The laboratory certificate of analysis is appended to this report.

Sample ID	Tap No.	Outlet Type	Location	Sample Time	Lead Results (µg/L)
RK-042822-01	3	Prep Sink	Kitchen	07:18	Not Detected
RK-042822-01F	3	Prep Sink	Kitchen	07:29	Not Analyzed
RK-042822-02	12	Sink Faucet	Room 128	07:22	11.0
RK-042822-02F	12	Sink Faucet	Room 128	07:25	Not Analyzed

3. Conclusions and Recommendations

Following the procedures outlined in the project Sampling Plan, a two-step sampling procedure was used at each of the two water outlets being re-sampled. A "1st-Draw" water sample was collected at each outlet after the water was allowed to sit overnight in the piping at least 8 hours prior to collecting the water sample.

A contingent "Flushed" water sample was then collected after the water tap was run for about 2 minutes. The purpose of this sample is to represent the water in the piping upstream of the tap itself which is often the source of Lead in the brass components of the fixture. In this case, the analysis of the flushed sample was not performed since the 1st draw sample showed acceptable results.

The new water taps both showed acceptable re-sampling results and can be returned to unrestricted service.

Report prepared by:



Patrick D. McGuinness, MS, P.E.
Vice President

Water Sampling Log - ReSample

Name of Building: Allamuchy Township School Date Collected: 28-Apr-22
 Building Owner: Allamuchy Township Bd of Education Collected by: Adam Simon

Sample No.	Tap No.	Sample Type	Type of Outlet	Manufacturer	Location	Time	Results (µg/L)	
							Cu	Pb
RK-042822-01	3	1st	Sink Faucet		Kitchen Prep Sink	07:18	XX	< 1.0
RK-042822-01F	3	FL	Sink Faucet		Kitchen Prep Sink	07:29	XX	NA
RK-042822-02	12	1st	Sink Faucet		Room 128	07:22	XX	11.0
RK-042822-02F	12	FL	Sink Faucet		Room 128	07:25	XX	NA
Note: NA means not analyzed since 1st Draw results were good								

Sample Type: 1st: First Draw sample collected after water sat in pipe between 8 and 18 hours
 FL: Water flushed through tap for at least 2 minutes
 <: means Not Detected at or above the Reliability Detection Limit (RDL) of 0.0010 mg/L for Lead.

CERTIFICATE OF ANALYSIS

Client: R. K. Environmental Consultants
401 St. James Ave.
Phillipsburg NJ 08865

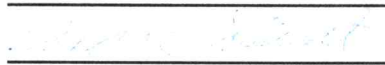
Report Date: 5/2/2022
Report No.: 659980 - Lead Water
Project: Allemuchy School
Project No.:

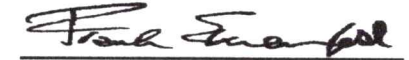
Client: RKE630

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 7419036 Client No.: RK042822-01	Location: Kitchen Faucet * Sample acidified to pH <2.	Result(ppb): <1.00
Lab No.: 7419037 Client No.: RK042822-02	Location: Room 128 Faucet * Sample acidified to pH <2.	Result(ppb): 11.0
Lab No.: 7419038 Client No.: RK042822-01F	Location: Flushed Kitchen Faucet * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed
Lab No.: 7419039 Client No.: RK042822-02F	Location: Flushed Room 128 Faucet * Sample acidified to pH <2.	Result(ppb): Sample Not Analyzed

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

Date Received: 4/29/2022
Date Analyzed: 05/02/2022
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director