



RK Occupational & Environmental Analysis Inc.

401 St. James Ave. Phillipsburg, N.J. 08865  
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Mold Assessment  
and Remediation

April 18, 2022

Health/Safety and  
Environmental  
Regulatory  
Compliance

Mr. Paulinus Egu, Coordinator of Facilities & Operations  
Ramapo-Indian Hills Board of Education  
131 Yawpo Avenue  
Oakland, NJ 07436

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 Indian Hills HS**

OSHA/EPA/DOT  
Training Programs

Dear Mr. Egu,

Asbestos and Lead  
Management

This report follows our previous report which covers water sampling that was conducted on April 5, 2022. One (1) sample was collected from the location at Indian Hills where sampling on March 15, 2022 showed Lead above the 0.015 mg/l (15 ppb) standard.

Industrial Hygiene/  
OSHA Compliance

Results from the current sampling show acceptable results in the cold water faucet in Room 105.

Indoor Air Quality

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

Underground/  
Aboveground  
Storage Tanks

Sincerely,  
  
Jonathan Gilbert  
Project Manager  
Attachment

(file ... \WaterTest\Ramapo-IH lead water addendum3)

Environmental  
Site Assessment

Hazardous/  
Medical Waste  
Management

Environmental  
Audits

Expert Witness/  
Litigation Support

Customized  
Software

**Addendum #3 to Sampling Report - Lead in Drinking Water**  
**Indian Hills High School**

**1. Sampling Summary**

This report covers the re-sampling at Indian Hills conducted on April 5, 2022. One sample was collected from the location that showed Lead levels above the 15 parts per billion (ppb) Drinking Water Standard during the initial sampling on September 16, 2021 and the two follow-up samplings on January 19, 2022 and March 15, 2022 at the following location:

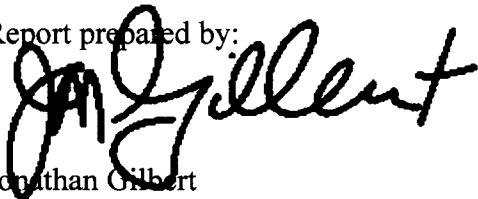
Seq 59            Cold water outlet in Kitchen 105

A new faucet system was installed and resulted in an acceptable Lead result below the 15 ppb standard. The faucet can now be returned to unrestricted service.

**2. Water Sampling Results and Recommendation**

The re-sampling logs and results are shown on the attached **Re-Test 3** data table. The laboratory certificate of analysis and the sample Chain of Custody are also appended to this report.

Report prepared by:



Jonathan Gilbert  
Project Manager

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CERTIFICATE OF ANALYSIS

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Client: R. K. Environmental Consultants  
401 St. James Ave.  
Phillipsburg NJ 08865  
  
Client: RKE630

Report Date: 4/11/2022  
Report No.: 657738 - Lead Water  
Project: Indian Hills HS Lead in Water  
Project No.:

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:7401114  
Client No.:RK040522-01


Location: IHHS Room 105 Sink  
\* Sample acidified to pH <2.

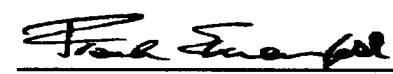
Result(ppb):<1.00

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

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Date Received: 4/5/2022  
Date Analyzed: 04/11/2022  
Signature:   
Analyst: Mark Stewart

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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## Appendix to Analytical Report:

**Customer Contact:** Jonathan Gilbert  
**Analysis:** AAS-GF - ASTM D3559-08D

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:** wchampion@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](http://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.

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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

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

### Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

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

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

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) = 1.0 PPB

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**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](mailto:customerservice@iatl.com).

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

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

\* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.

## Chain of Custody

– Environmental Lead –

<u>Contact Information</u>	
Client Company: <u>RK ENVIRONMENTAL</u>	Project Number: _____
Office Address: <u>401 ST JAMES AVE</u>	Project Name: <u>INDIAN HILLS HIGH SCHOOL LEAD IN WATER</u>
City, State, Zip: <u>PHILLIPSBURG NJ 08865</u>	Primary Contact: <u>JON GILBERT</u>
Fax Number: _____	Office Phone: <u>908 454-6316</u>
Email Address: <u>JSGILBERT001@iATL.COM</u>	Cell Phone: <u>856-625-2045</u>

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, US EPA 200.9

Other Metals (Cd, Zn, Cr) by AAS

Toxicity Characteristic Leaching Procedure (TCLP) by AAS: US EPA 1311

Other \_\_\_\_\_

**Special Instructions:**

\_\_\_\_\_

\_\_\_\_\_

**Turnaround Time**

Preliminary Results Requested Date: \_\_\_\_\_  Verbal  Email  Fax

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): <u>J. Gilbert</u>	Date: <u>4-5-22</u>	Time: _____	<b>RECEIVED</b>
Received (Name / iATL): _____	Date: _____	Time: _____	
Sample Login (Name / iATL): _____	Date: _____	Time: _____	
Analysis(Name(s) / iATL): <u>AS</u>	Date: <u>4/11/22</u>	Time: _____	
QA/QC Review (Name / iATL): <u>L. M. M.</u>	Date: _____	Time: _____	
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____	Time: <u>APR - 5 2022</u>

