



# INTEGRITY

ENVIRONMENTAL SERVICES, INC.

1240 IROQUOIS DRIVE  
SUITE 102  
NAPERVILLE, IL 60563

630-718-9133  
FAX 630-718-9114

August 30, 2016

C-11929

Mr. Mike Duggan  
Facilities Coordinator  
Community Consolidated School District 181  
115 West 55th Street  
Clarendon Hills, Illinois 60514

Dear Mike:

Supplemental Water Sample Report  
Additional Potable Water Supply Testing (Lead Only)  
Community Consolidated School District 181  
Elm Elementary School  
Burr Ridge, Illinois  
IES No. 915-16

Enclosed, please find the laboratory report associated with the additional potable water source samples collected by Integrity Environmental Services, Inc. on August 29, 2016 at the above referenced School District building. As requested, this additional water sampling work was performed to confirm the success of the most recent piping replacement work at the two (2) potable water sinks in Restroom R9.

The August 29, 2016 additional lead water samples were again obtained in accordance with "first draw" sampling protocol. These additional samples were collected from the following water source points:

- MRC girls restroom sink (left sink, hot)- Elm-11
- MRC girls restroom sink (right sink, hot)- Elm-12

Please note, being a first draw sample, the water from these sinks did not exceed 70 degrees Fahrenheit.

Laboratory sample results indicate that both additional water samples tested **below the regulatory limit** of 0.015 mg/L.

In addition to the laboratory report, enclosed is the sample chain-of-custody form. One (1) original and one (1) copy of the Report have been provided. Please file this supplemental report with the previously issued Elm Elementary School water sample reports.

Mr. Mike Duggan  
C-11929  
August 30, 2016  
Page 2

Opinions made or formed, other than those expressed herein are those of the reader and in no way shall obligate Integrity Environmental Services, Inc. The findings presented in this Report are representative of the date and times that the samples were collected. The findings presented herein should not be used or relied upon to evaluate the water quality sample data obtained at significantly later dates.

As always, if you have any questions, please feel free to contact our office at (630) 718-9133.

INTEGRITY ENVIRONMENTAL SERVICES, INC.



Mark J. Ravanese  
President

Enclosures

# SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134  
Tel. (708) 544-3260 • Toll Free (800) 783-LABS  
Fax (708) 544-8587  
www.suburbanlabs.com

August 29, 2016

Mark Ravanese  
Integrity Environmental Services, Inc.  
1240 Iroquois Dr  
Suite 102  
Naperville, IL 60563

**Workorder: 1608N24**

TEL: (630) 718-9133

FAX:

RE: Lead Testing- Elm School

Dear Mark Ravanese:

Suburban Laboratories, Inc. received 2 sample(s) on 8/29/2016 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Shane Clarke  
Business Development Manager  
708-544-3260 ext 217  
shane@SuburbanLabs.com





## Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

## Case Narrative

**Client:** Integrity Environmental Services, Inc.

**Date:** August 29, 2016

**Project:** Lead Testing- Elm School

**PO #:** 915-16

**WorkOrder:** 1608N24

**QC Level:**

**Temperature of samples upon receipt at SLI:** 12 C

**Chain of Custody #:** 134609

### General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

### Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

### Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

### Workorder Specific Comments:



# Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

## Laboratory Results

**Client ID:** Integrity Environmental Services, Inc.

**Report Date:** August 29, 2016

**Project Name:** Lead Testing- Elm School

**Workorder:** 1608N24

**Client Sample ID:** Elm-11

**Matrix:** DRINKING WATER

**Lab ID:** 1608N24-001

**Date Received:** 08/29/2016 8:16 AM

**Collection Date:** 08/29/2016 6:30 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
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**METALS BY ICPMS**

Method: EPA-200.8-Rev 5.4, 1994

Analyst: jmk

Lead	ND	15.0	5.00		µg/L	1	08/29/2016 12:11 PM	39666
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**Client Sample ID:** Elm-12

**Matrix:** DRINKING WATER

**Lab ID:** 1608N24-002

**Date Received:** 08/29/2016 8:16 AM

**Collection Date:** 08/29/2016 6:30 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
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**METALS BY ICPMS**

Method: EPA-200.8-Rev 5.4, 1994

Analyst: jmk

Lead	ND	15.0	5.00		µg/L	1	08/29/2016 12:13 PM	39666
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# Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

## PREP DATES REPORT

**Client:** Integrity Environmental Services, Inc.  
**Project:** Lead Testing- Elm School

**Report Date:** August 29, 2016  
**Lab Order:** 1608N24

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1608N24-001A	8/29/2016 6:30:00 A	39666	TURB_METALS_	Turbidity Check		8/28/2016
1608N24-002A		39666	TURB_METALS_	Turbidity Check		8/28/2016



**Qualifiers:**

- \* /x Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- C Value is below Minimum Concentration Limit
- c Analyte not in SLI scope of accreditation
- E Estimated, detected above quantitation range
- G Refer to case narrative page for specific comments
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limit (QL)
- N Tentatively identified compounds
- ND Not Detected at the Reporting Limit
- P Present
- Q Accreditation is not available from Wisconsin
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- T Analyte detected in sample trip blank
- V EPA requires field analysis/filtration. Lab analysis would be considered past hold time.

**CHAIN OF CUSTODY RECORD**

# 134609

Page 1 of 1  
 PO No. 915-16  
 Shipping Method

ANALYSIS & METHOD REQUESTED  
 Enter an "X" in box below for request

TURNAROUND TIME REQUESTED  
 Normal  RUSH \*Additional Rush Charges Approved.  
 \*Date & Time Needed:

Company Name: **WILSON ENVIRONMENTAL**  
 Company Address: **1210 Norwalk Dr., STE 102**  
 City: **Naperville** State: **IL** Zip: **60563**  
 Phone: **630-716-9133** Fax: **-9114**  
 Email Address: **rla@wilsonenv.com**  
 Project ID / Location: **Env School**  
 Project Manager (Report to): **M. LAMARCA**  
 Sample Collector(s) Name: **M. LAMARCA**

Reporting Level (at additional charge) 1 2 3 4  
 LAB USE ONLY  
 SLIP ORDER NO. **10881124**  
 Sample containers supplied by customer?  Yes  No  
 Temperature of Received Samples: **12** °C  
 Samples received the same day as collection?  Yes  No

Specify Regulatory Program:  None/Info Only  
 LUST  SRP  SDWA  
 503 Sludge  NPDES  MWRDGC  
 Disposal  Other\* \*Please specify in comment section below.

CONTAINERS  
 GRAB/COMP. QTY SIZE & TYPE PRESERVATIVE  
 1 G 1 750ml DW  
 2 G 1 750ml DW

R	Condition	Split	LAB #	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE
				DATE	TIME				
1				8/29/16	6:30A	DW	G	1 750ml	
2				8/29/16	6:30A	DW	G	1 750ml	
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

COMMENTS & SPECIAL INSTRUCTIONS:  
**RUSH ANALYSIS PLEASED**

CONDITION CODES  
 1. Improper/damaged container/leak  
 2. Improper preservation  
 3. Insufficient sample volume  
 4. Headspace/air bubbles for VOCs  
 5. Received past holding time  
 6. Received frozen  
 7. Label conflicts with COC

1. Relinquished By: *[Signature]* Date: 8/29/16  
 Received By: *[Signature]* Date: 8/10/16  
 Ice present

2. Relinquished By: *[Signature]* Date: 8/29/16  
 Received By: *[Signature]* Date: 8/10/16  
 Ice present

3. Relinquished By: *[Signature]* Date: 8/29/16  
 Received By: *[Signature]* Date: 8/10/16  
 Ice present

4. Relinquished By: *[Signature]* Date: 8/29/16  
 Received By: *[Signature]* Date: 8/10/16  
 Ice present