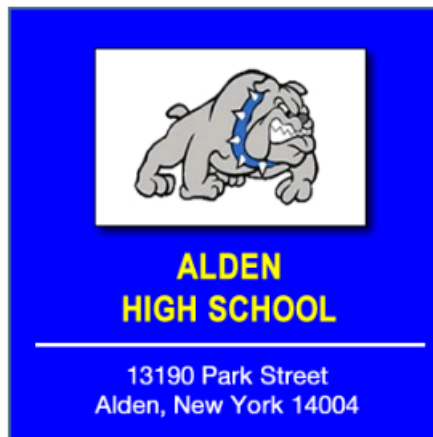


23 June 2017

LEAD IN SCHOOL DRINKING WATER  
**RESAMPLING &  
ANALYSIS REPORT**

Alden High School  
13190 Park Street  
Alden, NY 14004  
UNYSE PROJECT: 17-0623JGA



**PREPARED FOR:**

**Alden Central School District**  
13190 Park Street  
Alden, New York 14004

**PREPARED BY:**

**UNYSE**  
346 AUSTIN STREET, BUFFALO, NY 14207

**UNYSE** ENVIRONMENTAL  
CONSULTANTS *unyse.net*

23 June 2017

Bob McCormick  
Alden Central School District  
13190 Park Street  
Alden, New York 14004

**Re: Lead in School Drinking Water Sampling & Analysis  
Alden High School  
13190 Park Street  
Alden, NY 14004  
UNYSE Project: 17-0623JGA**

Dear Mr. McCormick,

I am pleased to present our report for lead in school drinking water conducted at the referenced address.

Enclosed, please find our project summary, exceedance summaries, sampling worksheets, analytical results, and relevant staff and laboratory certifications and accreditations.

Please do not hesitate to contact our offices should we be of further assistance.

Thank you.

Sincerely,



Andrew J. McLellan  
President  
LB/AJM  
file, 17-0623JGA

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# PART 1: PROJECT SUMMARY

Alden High School  
13190 Park Street  
Alden, NY 14004  
UNYSE Project: 17-0623JGA

UNYSE conducted lead in school drinking water sampling activities on 9/29/16 and 3/23/17 at the request of Alden School District to meet requirements per NYSDOH 67-4 to test potable water for lead contamination. Laboratory analysis of those samples indicated that six (6) samples exceeded the NYSDOH action level.

Following the implementation of corrective actions, six (6) samples were collected on 6/23/17 at the locations of the initial exceedances and forwarded for analysis, per EPA Method 200.8, at an NYSDOH Environmental Laboratory Approval Program protocol.

**A review of these records indicates that lead exceeds the NYSDOH action level in multiple samples.** The NYSDOH lead in school drinking water action level is 15 micrograms per liter (ug/L) or parts per billion (ppb). Please refer to **Part 2** for additional detail on these exceedances.

**Part 3** offers detail on each drinking water outlet that was sampled & analyzed. **Part 4** details our sample methodology. **Part 5** lists our staff, firm and laboratory credentials.

Our New York State representative was John Glavin. Analysis was conducted at Merit Laboratories, Inc. East Lansing, Michigan

# PART 2: EXCEEDANCE SUMMARY

Alden High School  
 13190 Park Street  
 Alden, NY 14004  
 UNYSE Project: 17-0623JGA

Sample #	Room Name	Wall ID	Outlet #	Outlet Type	Initial Results (ppb)	Run 1 Results (ppb)	Run 2 Results (ppb)
B25	214	C	B25	S	27	46	40
B26	214	A	B26	S	1150	38	63
B27	210 Storage	C	B27	S	196	103	109
B32	207	D	B32	S2	16	27	34
B45	between 208 and 204	B	B45	S	44	39	115

**Key:**

Sample #: Sample ID  
 Wall ID: Unique wall location utilizing HUD identification protocol A, B, C or D  
 Outlet #: same as sample ID  
 Outlet Type: S-Sink, DF-Drinking Fountain, T-Trough Sink  
 Mg/L: milligrams per liter  
 Ppb: parts per billion  
 ND: None Detected

# PART 3: SAMPLING & ANALYSIS WORKSHEET

Alden High School  
13190 Park Street  
Alden, NY 14004  
UNYSE Project: 17-0623JGA

Sample #	Room Name	Wall ID	Outlet #	Outlet Type	Initial Result (ppb)	Run 1 Result (ppb)	Run 2 Result (ppb)	Exceeds NYSDOH Limit
B25	214	C	B25	S	27	46	40	YES
B26	214	A	B26	S	1150	38	63	YES
B27	210 Storage	C	B27	S	196	103	109	YES
B32	207	D	B32	S2	16	27	34	YES
B44	208	B	B44	S	77	18	4	NO
B45	between 208 and 204	B	B45	S	44	39	115	YES

## Key:

Sample #: Sample ID  
 Wall ID: Unique wall location utilizing HUD identification protocol A, B, C or D  
 Outlet #: same as sample ID  
 Outlet Type: S-Sink, DF-Drinking Fountain, T-Trough Sink  
 Mg/L: milligrams per liter  
 Ppb: parts per billion  
 ND: None Detected

## PART 4: METHODOLOGY

Lead in school drinking water sampling is conducted in accordance with New York State (10 NYCRR 67-4) Public Health Law for laboratory analysis method EPA 200.8. .

UNYSE staff prepare a sampling plan that includes an outlet map if such is provided by the client, or staff record sample locations during the sampling activities. Site information is recorded on an electronic worksheet that records unique sample numbers corresponding to location; including room name/#, side/wall, outlet and outlet type and/or consistent with mapping prepared by the Client. A single 250 ml water sample is collected of the first draw from each cold water outlet before any water is used. The water shall be motionless for a minimum of 8 hours, but not more than 18 hours, before sample collection. Preparation of outlets is the responsibility of the client. Samples are collected in plastic sampling bottles with resealing caps that contain a nitric acid preservative required to maintain sample integrity for no less than 10 days. UNYSE Staff prepare chain of custody records for sample transfer.

Samples are shipped within 24 hours and delivered in no less than five days to the laboratory. Per 10 NYCRR 67-4 laboratories are accredited under New York State Department of Health Environmental Laboratory Approval Program (ELAP).

Laboratory is immediately expected to notify UNYSE if any sample exceed the NYSDOH Action Level (15 ppb). Analysis for these and other samples is routinely transmitted electronically and/or via USPS consistent with the analysis turnaround time (TAT) expectations set forth on the chain of custody.

When the laboratory notifies UNYSE of analysis that exceeds the action level (i.e. exceedance) UNYSE immediately transmits that information to the client. When these and the other analysis results are received, they are reviewed by the appropriate UNYSE staff, field notes are examined, and a report is compiled.



# PART 5: STAFF, FIRM & LABORATORY CERTIFICATIONS

## Staff Certifications





## Firm Certification

# United States Environmental Protection Agency

This is to certify that

Upper New York State Environmental

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.228

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires November 29, 2018

NY-672-6

Certification #

September 10, 2015

Issued On



Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch



# Laboratory Certification

## NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2017  
Issued April 01, 2016

### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. MAYA MURSHAK  
MERIT LABORATORIES, INC.  
2680 EAST LANSING DRIVE  
EAST LANSING, MI 48823

NY Lab Id No: 11814

is hereby APPROVED as an Environmental Laboratory in conformance with the  
National Environmental Laboratory Accreditation Conference Standards (2003) for the category  
**ENVIRONMENTAL ANALYSES POTABLE WATER**  
All approved analytes are listed below:

<b>Metals I</b>		<b>Volatile Aromatics</b>	
Arsenic, Total	EPA 200.8 Rev. 5.4	1,2,3-Trichlorobenzene	EPA 524.2
Barium, Total	EPA 200.8 Rev. 5.4	1,2,4-Trichlorobenzene	EPA 524.2
Cadmium, Total	EPA 200.8 Rev. 5.4	1,2,4-Trimethylbenzene	EPA 524.2
Chromium, Total	EPA 200.8 Rev. 5.4	1,2-Dichlorobenzene	EPA 524.2
Copper, Total	EPA 200.8 Rev. 5.4	1,3,5-Trimethylbenzene	EPA 524.2
Lead, Total	EPA 200.8 Rev. 5.4	1,3-Dichlorobenzene	EPA 524.2
Mercury, Total	EPA 245.1 Rev. 3.0	1,4-Dichlorobenzene	EPA 524.2
Selenium, Total	EPA 200.8 Rev. 5.4	2-Chlorotoluene	EPA 524.2
<b>Metals II</b>		4-Chlorotoluene	EPA 524.2
Antimony, Total	EPA 200.8 Rev. 5.4	Benzene	EPA 524.2
Beryllium, Total	EPA 200.8 Rev. 5.4	Bromobenzene	EPA 524.2
Nickel, Total	EPA 200.8 Rev. 5.4	Chlorobenzene	EPA 524.2
Thallium, Total	EPA 200.8 Rev. 5.4	Ethyl benzene	EPA 524.2
<b>Non-Metals</b>		Hexachlorobutadiene	EPA 524.2
Chloride	EPA 300.0 Rev. 2.1	Isopropylbenzene	EPA 524.2
Cyanide	EPA 335.4 Rev. 1.0	n-Butylbenzene	EPA 524.2
Fluoride, Total	EPA 300.0 Rev. 2.1	n-Propylbenzene	EPA 524.2
Sulfate (as SO4)	EPA 300.0 Rev. 2.1	p-Isopropyltoluene (P-Cymene)	EPA 524.2
<b>Trihalomethanes</b>		sec-Butylbenzene	EPA 524.2
Bromodichloromethane	EPA 524.2	Styrene	EPA 524.2
Bromoform	EPA 524.2	tert-Butylbenzene	EPA 524.2
Chloroform	EPA 524.2	Toluene	EPA 524.2
Dibromochloromethane	EPA 524.2	Total Xylenes	EPA 524.2
Total Trihalomethanes	EPA 524.2	<b>Volatile Halocarbons</b>	
		1,1,1,2-Tetrachloroethane	EPA 524.2

Serial No.: 54473

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

Page 1 of 2



ASBESTOS | LEAD | MOLD | HAZMAT

ENVIRONMENTAL CONSULTANTS

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