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LEAD IN DRINKING WATER REPORT

Performed At:

Warren Township Schools
213 Mt. Horeb Rd
Warren NJ 07059

Performed For:

Warren Township Board of Education
213 Mt. Horeb Rd
Warren NJ 07059

Prepared By:

LEW Corporation
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Inspection Date: 10/18-20/16
Project Number: 160857

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Contact Information

Agency

Client Contact:	Tyler Triplehorn
Client Name:	Warren Twp Schools
Street Address:	213 Mt Horeb Rd Warren NJ
Phone Number:	908-753-5300

Risk Assessor(s)

Site Assessor(s):	Neil Wendt
License:	NJDOH #027114
Signature:	
Date:	December 16, 2016
E-Mail:	nwendt@lewcorp.com

Firm

Organization:	LEW Corporation
Certification #:	NJDCA 00015 E
Street:	1090 Bristol Road
City, State & Zip:	Mountainside, New Jersey 07092
Phone Number:	908-654-8068
Web Address:	http://www.lewcorp.com

Laboratory

Organization:	National Testing Laboratories, Ltd
Street:	556 Mansfield St.
City, State & Zip:	Ypsilanti, MI 48197
NJDEP Certification #	MI859
Phone Number:	804-353-6778

Introduction

LEW Corporation was contracted by Warren Twp BOE to test for the presence of lead in drinking water in five schools in the district.

Sampling Methodology

LEW Corporation followed the July 13, 2016 amendments to NJAC 6A:26. Full details on sampling practices can be found in Districts Sampling Plan.

All samples were collected in 250mL wide mouth plastic containers that was prepackaged by the analytical laboratory. The sample containers may contain nitric acid, if expedited analysis is required. If not, nitric acid will be added to each sample upon arrival at the laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours. If second draw samples were collected, they were collecting following a flushing protocol outlined in the District's Sampling Plan.

Drinking Water Results

On November 10-11, 2016, LEW Corporation collected the following number of water samples:

Woodland School

- 44 first draw samples collected
- 2 samples above the 15ppb action level

Central School

- 31 first draw samples
- 0 samples above the 15ppb action level

A L Tomaso

- 57 first draw samples
- 2 samples above the 15ppb action level

Mt Horeb School

- 49 first draw samples
- 0 samples above the 15ppb action level

Middle School

- 46 first draw samples
- 3 samples above the 15ppb action level

Administration Building

- 1 first draw samples
- 0 samples above the 15ppb action level

Maintenance Building

- 1 first draw samples
- 0 samples above the 15ppb action level

On 12/03/2016, LEW Corporation returned to collect the following number of samples:

Central School

- 2 first draw samples
- 0 samples above the 15ppb action level

The complete list of samples that exceeded the 15ppb limit can be found in Appendix A. The complete list of all sample results can be found in Appendix C. The laboratory results can be found in Appendix E.

Certain outlets could not or were not tested due to various reasons. The following table lists those locations and the reason why samples were not collected.

School	Sample Location	Reason for not testing.
Central	bubbler Rm 32	Not Functioning
Central	sink Room 14	Not Functioning
Central	sink Room 15	Not Functioning
Central	sink bubbler Rm 25	Not Functioning
Central	sink bubbler Rm 30	Not Functioning
Central	sink bubbler Rm 29	Not Functioning
Central	sink bubbler Rm 26	Not Functioning
Central	bubbler Rm 32	Not Functioning
A L Tomaso	bubbler Cafeteria	Not Functioning

Recommendations

Those outlets where the first draw sample tested below 15ppb are not considered to be elevated and no mitigation is necessary.

For those outlets where the first draw sample exceeds 15ppb the following steps are recommended:

- 1) Immediately discontinue use of the outlets.
- 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.

A complete list of recommendations per outlet can be found in Appendix B.

Additional Recommendations

- 1) Follow-up samples should be collected after any remediation efforts in order to determine the efficacy of the work.
- 2) Any of the inoperable/non-functioning outlets listed above that are brought back into service should be sampled.
- 3) Comply with all requirements set forth in NJAC 6A:26.

Appendix A Exceedances

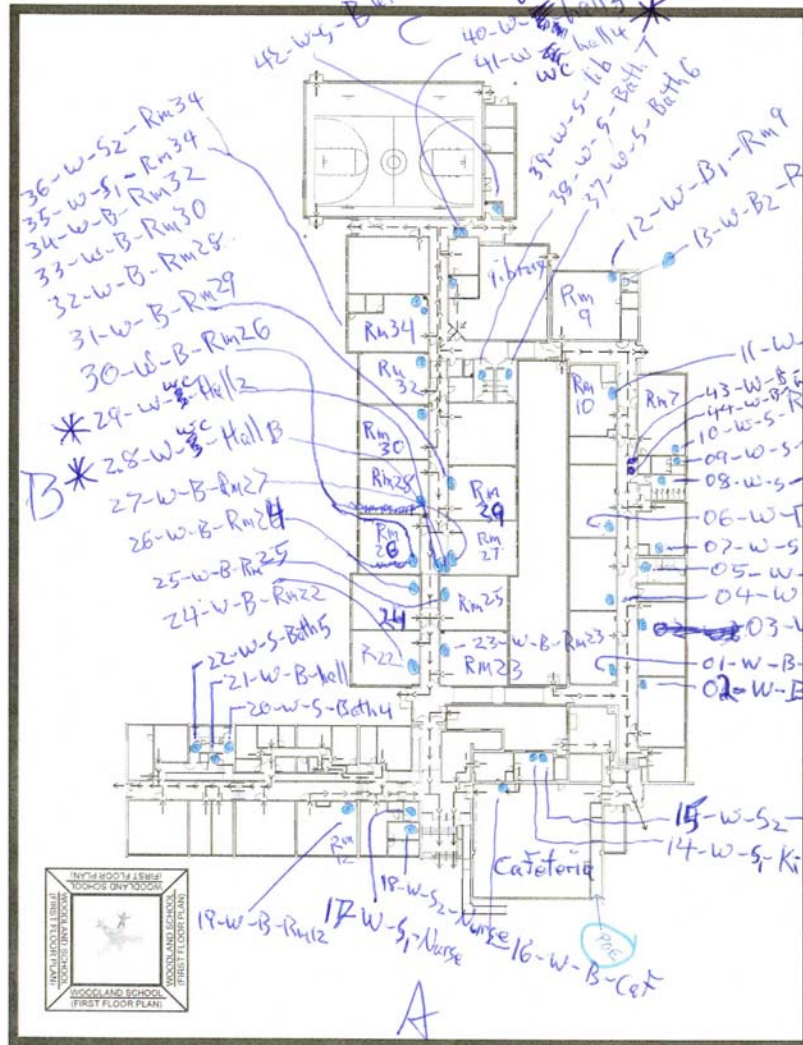
Appendix B Recommendations

Appendix C All Results

Appendix D Floor Plan(s)

Woodland School

B = bubbler
 S = sink
 SB = sink/bubbler



← 1st →

Street →

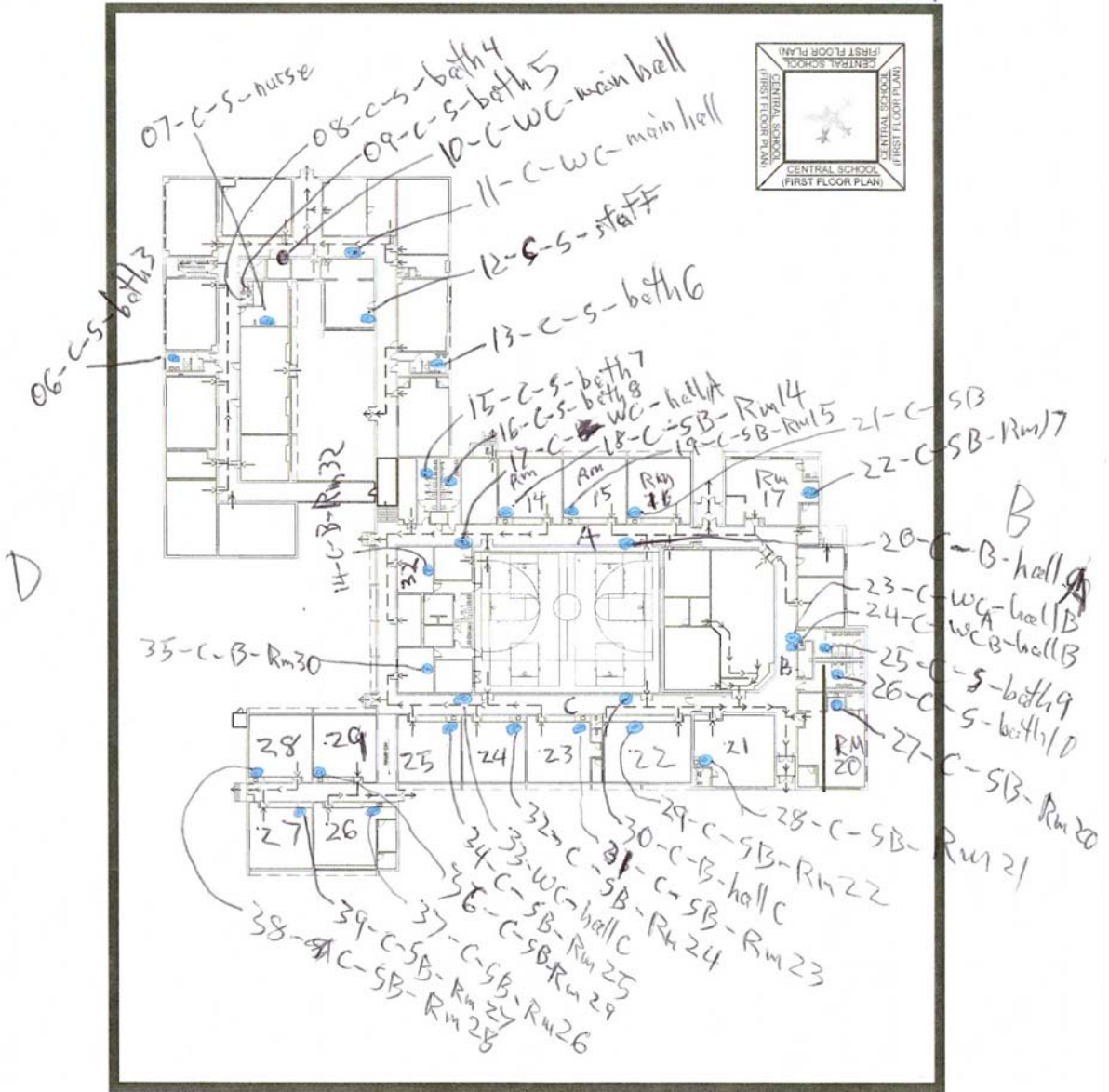
Legend:
 ● Bubbler
 ● Sink
 ● Sink/Bubbler

← street →

● Disabled
● Gender Neutral
● Firearm
● Smoke

A

Central School



not functioning # 14, 18, 19, ~~34~~, 35, 36, 37

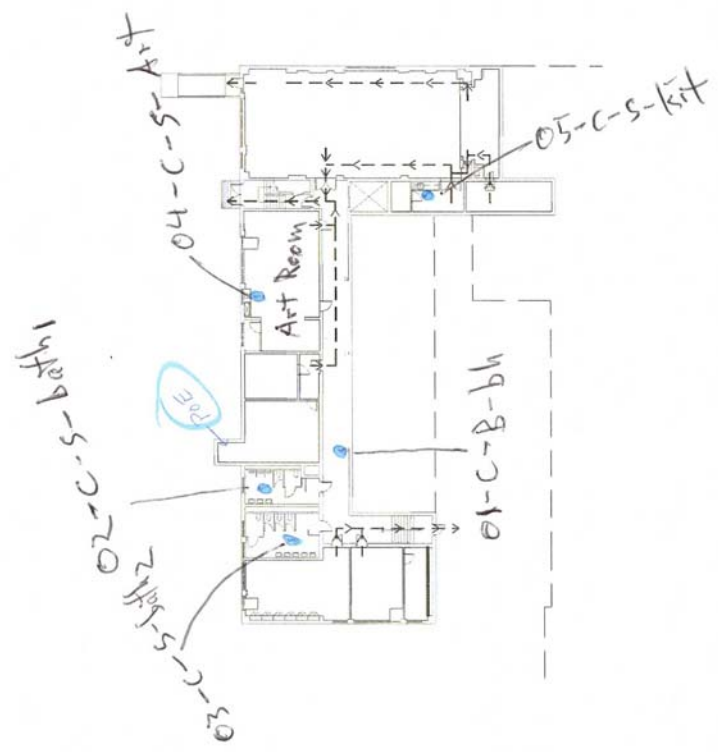
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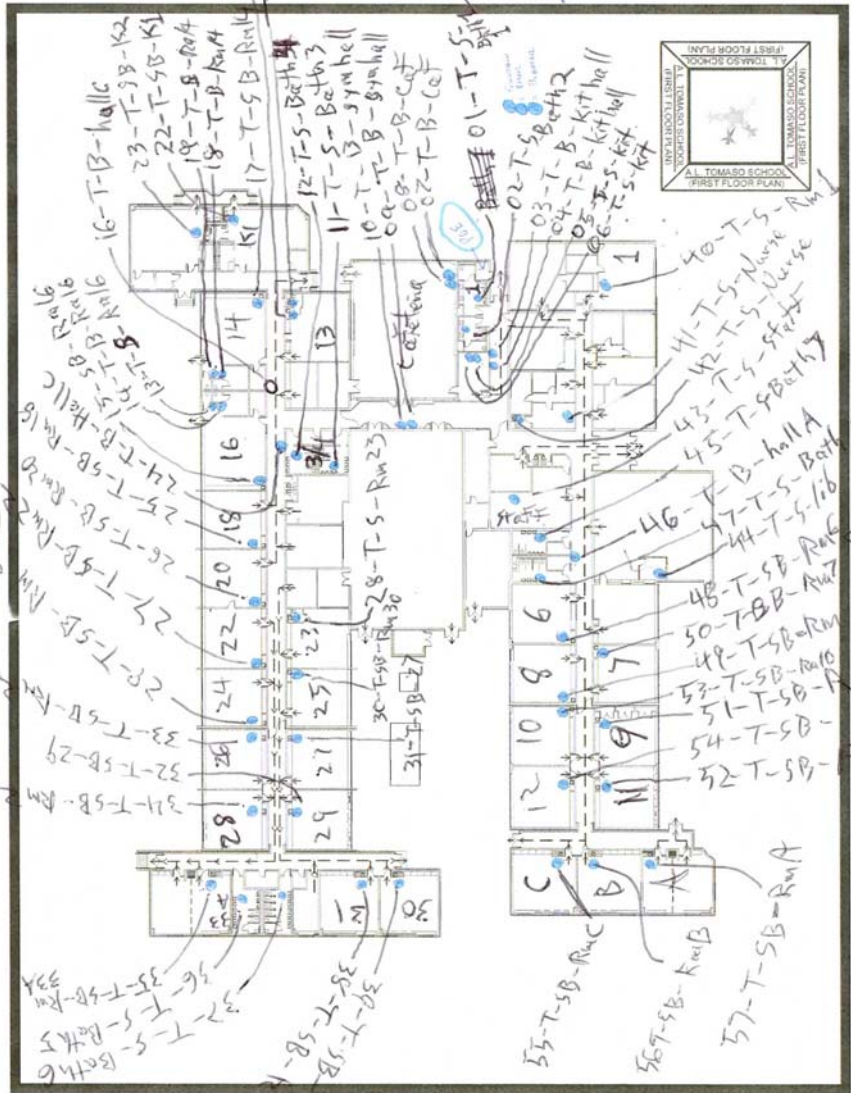
street

Central School

basement



A. L. Tomaseo School



Not Collected: #7

B

Rm 30

Sub road
Rm 12

D

56

24

28

29

30

31

32

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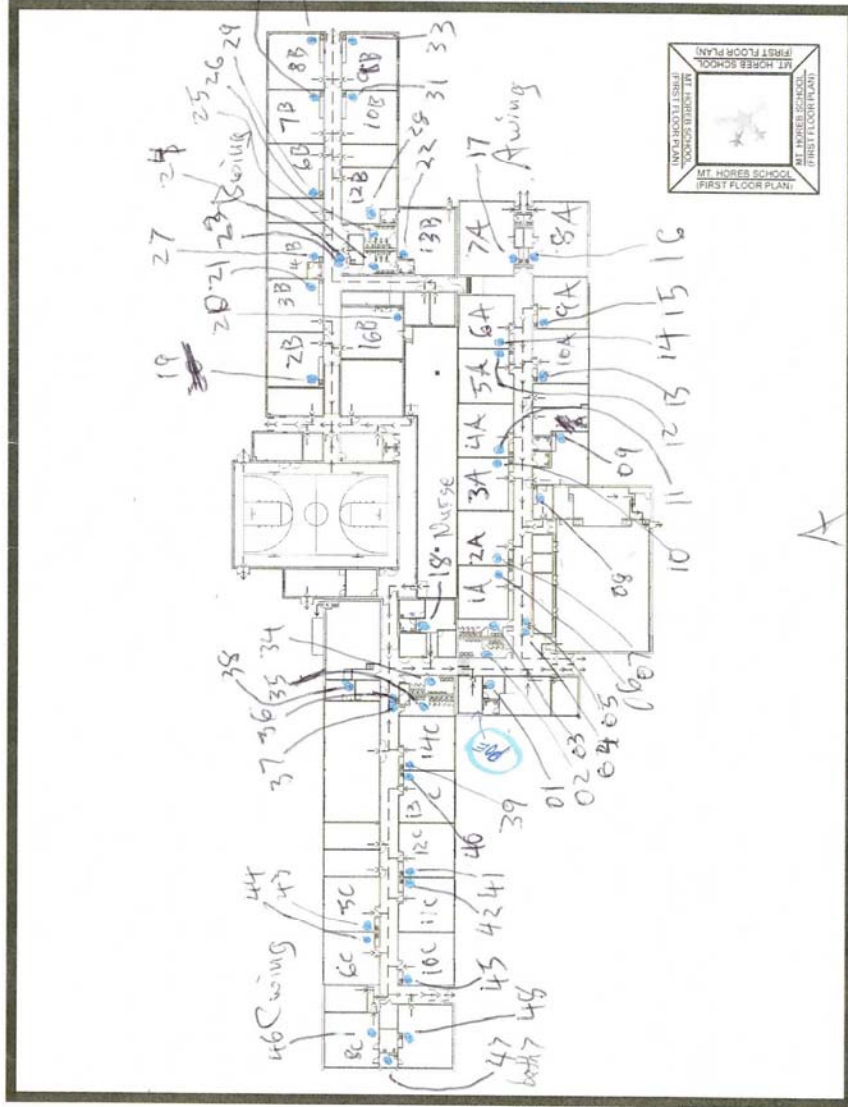
214

215

H. Horeb School

100%
 100%
 100%
 100%

10



C

A

B

R - street

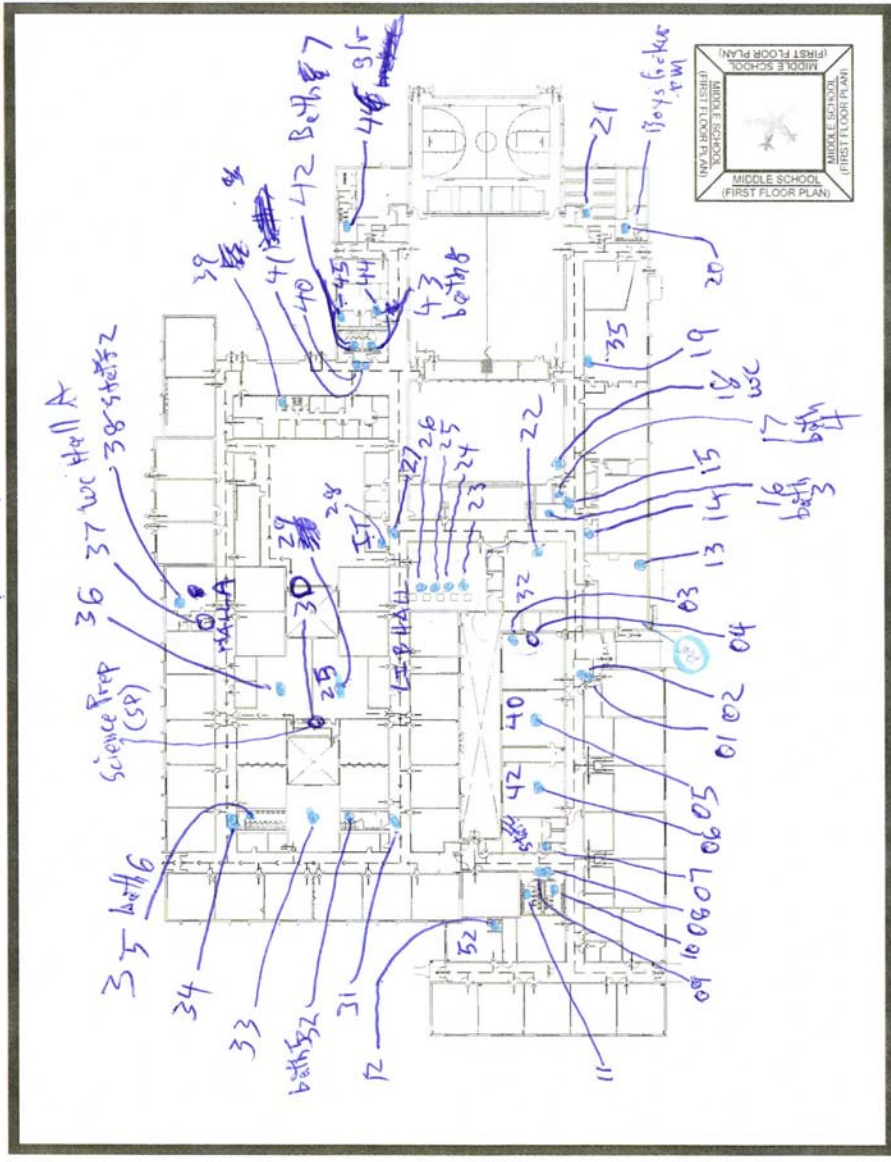
Middle School

B

- 0-1000
- 1000-2000
- 2000-3000
- 3000-4000

43

← street →



Next sampled: 4

D

Appendix E Laboratory Data