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LEAD IN DRINKING WATER REPORT

Performed At:

Burch Charter School of Excellence
100 Linden Ave.
Irvington, NJ 07111

Performed For:

Burch Charter School of Excellence
100 Linden Ave.,
Irvington, NJ 07111

Prepared By:

LEW Corporation
1090 Bristol Road
Mountainside, NJ 07092

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Inspection Date: March 11, 2017
Project Number: 170126

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Contact Information

Agency

Client Contact:	Nathan Fitzpatrick
Client Name:	Joel Julien
Street Address	100 Linden Ave Irvington NJ 07111
Phone Number:	973-996-0400

Risk Assessor(s)

Site Assessor(s):	Neil Wendt
License:	NJDOH #030091
Signature:	
Date:	April 4 2017
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
Street:	556 South Mansfield St.
City, State & Zip:	Ypsilanti, MI 48197
NJDEP Certification #	VA008
Phone Number:	800-604-1995

Introduction

LEW Corporation was contracted by Burch Charter School of Excellence to test for the presence of lead in drinking water in one school 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 March 11 2017, LEW Corporation collected the following number of water samples:

Burch Charter School

- 9 first draw samples collected
- 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.
		None

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 sample.
- 3) Comply with all requirements set forth in NJAC 6A:26.

Appendix A Exceedances

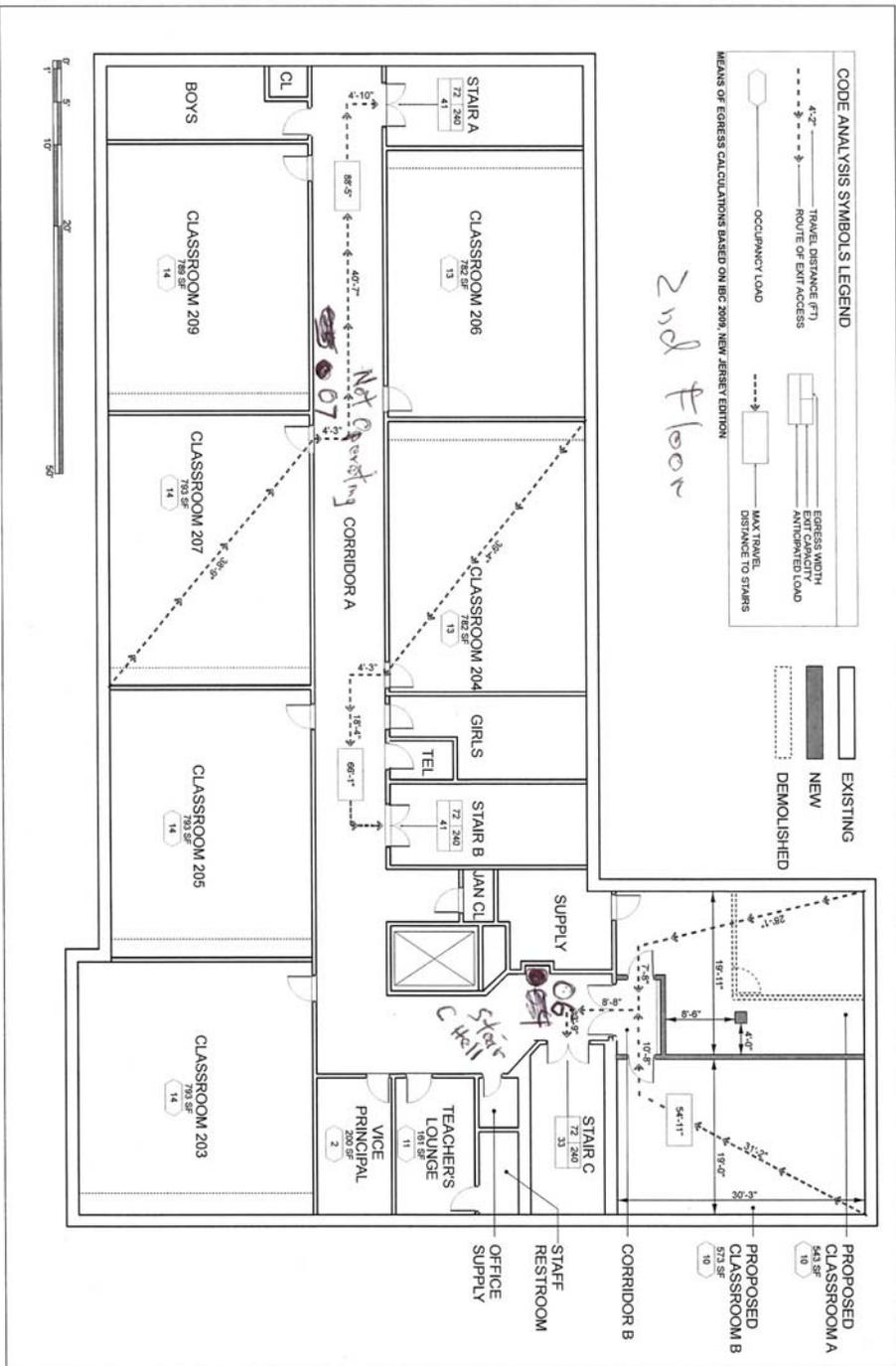
None

Appendix B Recommendations

None

Appendix C All Results

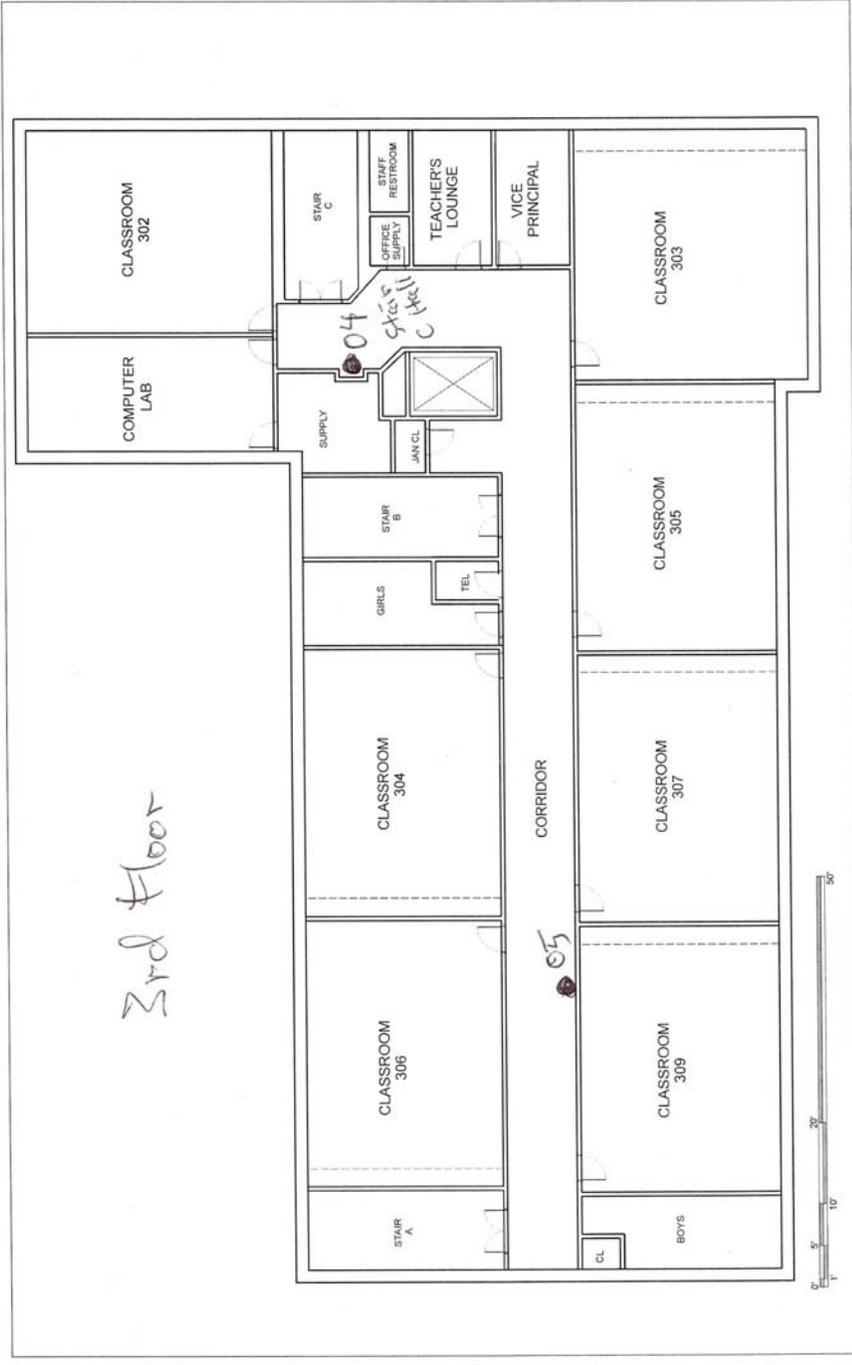
Building	DateCollected	AnalysisDate	Sample ID	Sample Description	Concentration (ppb)
ALL SAMPLES ALL SCHOOLS ARE 1ST DRAW SAMPLES					
Burch Charter School	3/11/2017	03/20/2017	01-BC-DW	Corridor A	ND
Burch Charter School	3/11/2017	03/20/2017	02- BC-FP	Kitchen	ND
Burch Charter School	3/11/2017	03/20/2017	03- BC-S	Corridor A	3
Burch Charter School	3/11/2017	03/20/2017	04- BC-WC	Stair C Hall 3 rd floor	ND
Burch Charter School	3/11/2017	03/20/2017	05- BC-WC	Corridor A 3 rd floor	ND
Burch Charter School	3/11/2017	03/20/2017	06-BC-WC	Stair C Hall 2 nd floor	ND
Burch Charter School	3/11/2017	03/20/2017	07-CBC-WC	Corridor A 2 nd floor	3
Burch Charter School	3/11/2017	03/20/2017	08- BC-FP	Kitchen 2	10
Burch Charter School	3/11/2017	03/20/2017	09- BLANK	Blank	ND



BURCH CHARTER SCHOOL
100 LINDEN AVENUE
Project Location: Irvington, NJ

SECOND FLOOR PLAN

Woodridge Chen Architects



3rd Floor

BURCH CHARTER SCHOOL

100 LINDEN AVENUE

Project Location: Irvington, NJ

THIRD FLOOR PLAN

Woodridge Chen Architects

SCALE: 1/16"=1'-0"

11-10-2015

Appendix E Laboratory Data



556 South Mansfield Street
Ypsilanti, MI 48197
1-800-604-1995

Lead Only

Analysis Report

Customer: LEW Corp
1090 Bristol Rd
Mountainside, NJ 07092

Report Number: 17-03-02414
Received Date: 03/17/2017
Reported Date: 03/24/2017
Sampled By: N. Wendt
Tech Certification #:

P.O. Number:

Project Test/Address: 170126; Burch School; 100 Linden Ave., Irvington, NJ

Client Number:**Report Notes**

Sample #	Sample ID	Method	Parameter	Level Detected	EPA Standards	Units	LRL	Date Sampled	Date Analyzed
745773	01-BC-CT Cafeteria	3113B	Lead	ND	15	ug/L	1	03/11/2017	03/20/2017
745774	02-BC-FP Kitchen	3113B	Lead	ND	15	ug/L	1	03/11/2017	03/20/2017
745775	03-BC-S Corridor A	3113B	Lead	3	15	ug/L	1	03/11/2017	03/20/2017
745776	04-BC-WC Stair C Hall 3rd Flr	3113B	Lead	ND	15	ug/L	1	03/11/2017	03/20/2017
745777	06-BC-WC Stair C Hall 2nd Flr	3113B	Lead	ND	15	ug/L	1	03/11/2017	03/20/2017
745778	07-BC-WC Corridor A 2nd Flr	3113B	Lead	ND	15	ug/L	1	03/11/2017	03/20/2017
745779	08-BC-FP Kitchen 2 Sink	3113B	Lead	3	15	ug/L	1	03/11/2017	03/23/2017
745780	09-Blank ASTM lot 2607739	3113B	Lead	10	15	ug/L	1	03/11/2017	03/23/2017

Analyst**Tests**

DD 3113B

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as Eastern Time.

Legend:

- "ND" This contaminant was not detected at or above our lower reporting limit (LRL).
 "NA" Not analyzed.
 "EPA Standard" This column indicates the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.
 "LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.
 "P/A" Presence/Absence

Reviewed by Authorized Signatory

Results represent the analysis of samples submitted by the client. Sample location, description, field parameter results, etc. were provided by the client. This report cannot be reproduced, except in full, without the written approval of National Testing Laboratories, LTD.

Laboratory Certification #: MI859



556 South Mansfield Street
Ypsilanti, MI 48197
1-800-604-1995

Lead Only

Analysis Report

James Adams
