Lead in Drinking Water Sampling Report

New Milford Public Schools New Milford, Connecticut

New Milford Public Schools

New Milford, Connecticut

November 21, 2018



Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040



November 21, 2018

Mr. Kevin Munrett Facilities Manager New Milford Public Schools 386 Danbury Road New Milford, CT 06776

Re: Lead in Drinking Water Sampling
New Milford Public Schools
New Milford, Connecticut
Fuss & O'Neill Project No. 20071230.B30

Dear Mr. Munrett:

Enclosed is the report for the lead in drinking water sampling conducted at six school buildings located in New Milford, Connecticut. The work was conducted for New Milford Public Schools (the "Client"). The work was performed in accordance with our written proposal dated August 3, 2018.

If you should have any questions regarding the contents of this report, please do not hesitate to contact us at (860) 646-2469, ext. 5333. Thank you for this opportunity to have served your environmental needs.

Sincerely,

Jared D. Smith, CSP

Project Manager

V

Enclosure

JDS/kr

146 Hartford Road Manchester, CT 06040 t 860.646.2469 800.286.2469 f 860.533.5143

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California

Connecticut

Maine

Massachusetts

New Hampshire

Rhode Island

Vermont



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1 Introduction

On November 6, 2018, Fuss & O'Neill representatives Ms. Stacy Vanderveer, Mr. Matthew Walker, and Mr. James Blum performed sampling for lead in drinking water from the following New Milford Public School buildings in New Milford, Connecticut:

- Hill and Plain Elementary School, 60 Old Town Park Road;
- Northville Elementary School, 22 Hipp Road;
- Schaghticoke Middle School, 23 Hipp Road;
- Sarah Noble Intermediate School, 25 Sunny Valley Road;
- New Milford High School, 388 Danbury Road; and
- Lillis Administration Building, 50 East Street

The work was conducted for New Milford Public Schools (the "Client") in accordance with our written scope of services dated August 3, 2018 and is subject to the limitations included in *Appendix A*.

2 Lead in Drinking Water Sampling

On November 6, 2018, Fuss & O'Neill representatives Stacy Vanderveer, Matthew Walker, and James Blum collected first draw drinking water samples and 2-minute flush samples from two locations in each of the six Sites for lead in drinking water analysis.

2.1 Methodology

Representative first draw and flush drinking water samples were collected from two locations in each of the five schools and the administration building. Drinking water samples were submitted for analysis to Phoenix Environmental Laboratories, Inc. in Manchester, Connecticut, to be analyzed for lead by Environmental Protection Agency (EPA) Method 200.9.

The EPA has established a Maximum Contaminant Level Goal (MCLG) for lead in drinking water of 0 milligrams per liter (mg/l) and an Action Level (AL) for lead in drinking of 0.015 mg/L. The Connecticut Department of Public Health (CTDPH) utilizes the same standards.

2.2 Results

The laboratory analytical results of the first draw and flush samples indicate concentrations of lead in water are below the EPA AL of 0.015 mg/L in all sampling locations.

Refer to **Table 1** for a summary of lead in drinking water sample locations and results. The laboratory analytical report and chain of custody form are provided in *Appendix B* of this report and the sample location diagrams are provided in *Appendix C*.



2.3 Conclusions and Recommendations

Sampling indicates concentrations of lead in water were below the Action Level of 0.015~mg/L in all sampling locations.

Report prepared by Environmental Technician Stacy Vanderveer.

Reviewed by:

Jared D. Smith, CSP Project Manager Kathleen C. Pane Senior Project Manager



Table



Table 1
Summary of Lead in Drinking Water Data

Summary of Leat in Diffiking Water Data											
Sample No.	Location	Reporting Limit (mg/L)	Result (mg/L)								
New Milford High School											
110618-SV-NMHS-1A	Main Office - Staff Lounge	0.0010	0.0015								
110618-SV-NMHS-1B	Main Office - Staff Lounge	0.0010	0.0014								
110618-SV-NMHS-2A	Kitchen - Food Prep Sink	0.0010	< 0.0010								
110618-SV-NMHS-2B	Kitchen - Food Prep Sink	0.0010	< 0.0010								
Hill and Plain Elementary School											
110618-SV-HPES-1A	Kitchen - Food Prep Sink	0.0010	< 0.0010								
110618-SV-HPES-1B	Kitchen - Food Prep Sink	0.0010	< 0.0010								
110618-SV-HPES-2A	Classroom 32	0.0010	< 0.0010								
110618-SV-HPES-2B	Classroom 32	0.0010	< 0.0010								
Northville Elementary School											
110618-MW-NES-1A	Kitchen	0.0010	< 0.0010								
110618-MW-NES-1B	Kitchen	0.0010	< 0.0010								
110618-MW-NES-2A	Room 23	0.0010	< 0.0010								
110618-MW-NES-2B	Room 23	0.0010	< 0.0010								
	Schaghticoke Middle	e School									
110618-MW-SMS-1A	Kitchen	0.0010	< 0.0010								
110618-MW-SMS-1B	Kitchen	0.0010	< 0.0010								
110618-MW-SMS-2A	Room 103	0.0010	< 0.0010								
110618-MW-SMS-2B	Room 103	0.0010	< 0.0010								
Sarah Noble Intermediate School											
110618-JB-SNIS-1A	Teachers' Lounge 117	0.0010	< 0.0010								
110618-JB-SNIS-1B	Teachers' Lounge 117	0.0010	< 0.0010								
110618-JB-SNIS-2A	Kitchen	0.0010	< 0.0010								
110618-JB-SNIS-2B	Kitchen	0.0010	< 0.0010								
Lillis Administration Building											
110618-JB-LAB-1A	1st floor Kitchen	0.0010	< 0.0010								
110618-JB-LAB-1B	1st floor Kitchen	0.0010	< 0.0010								
110618-JB-LAB-2A	2 nd floor Break Room	0.0010	< 0.0010								
110618-JB-LAB-2B	2 nd floor Break Room	0.0010	< 0.0010								



Appendix A

Limitations



APPENDIX A

New Milford Public Schools New Milford, Connecticut

- 1. This environmental report has been prepared for the exclusive use of New Milford Public Schools, and is subject to and issued in connection with the terms and conditions of the original Agreement and all of its provisions. Any use or reliance upon information provided in this report, without the specific written authorization of the Client and Fuss & O'Neill shall be at the User's individual risk.
- 2. Fuss & O'Neill has obtained and relied upon information from multiple sources to form certain conclusions regarding likely environmental issues at and in the vicinity of the subject property in conducting this inspection. Except as otherwise noted, no attempt has been made to verify the accuracy or completeness of such information or verify compliance by any party with federal, state or local laws or regulations.
- 3. Fuss & O'Neill has obtained and relied upon laboratory analytical results in conducting this drinking water sampling event. This information was used to form conclusions regarding concentrations of lead in water when preparing this report. Fuss & O'Neill has not performed an independent review of the reliability of this laboratory data.
- 4. The findings, observations and conclusions presented in this report are limited by the scope of services outlined in our original agreement (August 3, 2018), which reflects schedule and budgetary constraints imposed by Client. Furthermore, the assessment has been conducted in accordance with generally accepted environmental practices. No other warranty, expressed or implied, is made.
- 5. The conclusions presented in this report are based solely upon information gathered by Fuss & O'Neill to date. Should further environmental or other relevant information be discovered at a later date, the Client should immediately bring the information to Fuss & O'Neill's attention. Based upon an evaluation and assessment of relevant information, Fuss & O'Neill may modify the letter report and its conclusions.



Appendix B

Lead in Drinking Water Laboratory Analytical Report and Chain of Custody Form



Wednesday, November 14, 2018

Attn: Jared Smith Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Project ID: NEW MILFORD PUBLIC SCHOOLS

Sample ID#s: CB88763 - CB88786

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis/Shiller

Laboratory Director

NELAC - #NY11301

CT Lab Registration #PH-0618
MA Lab Registration #M-CT007

ME Lab Registration #CT-007 NH Lab Registration #213693-A,B NJ Lab Registration #CT-003 NY Lab Registration #11301 PA Lab Registration #68-03530 RI Lab Registration #63

UT Lab Registration #CT00007 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:22Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

_aboratory Data

SDG ID: GCB88763

Phoenix ID: CB88763

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-NMHS-1A

RL/

Parameter Result PQL DIL Units AL MCL MCLG Date/Time By Reference

Lead 0.0015 0.0010 1 mg/L 0.015 11/08/18 RS E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; CT Public Health Code 19-13-B102. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:25Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

Laboratory Data SDG ID: GCB88763

Phoenix ID: CB88764

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-NMHS-1B

RL/

Parameter Result PQL DIL Units AL MCL MCLG Date/Time By Reference

Lead 0.0014 0.0010 1 mg/L 0.015 11/08/18 RS E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith
Fuss & O'Neill, Inc.
146 Hartford Road

Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:34Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

aboratory Data SDG ID: GCB88763

Phoenix ID: CB88765

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-NMHS-2A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith
Fuss & O'Neill, Inc.
146 Hartford Road

Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:37Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

_aboratory Data SDG ID: GCB88763

Phoenix ID: CB88766

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-NMHS-2B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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Phyllis Shiller, Laboratory Director

November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:13Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

_aboratory Data SDG ID: GCB88763

see "By" below

Phoenix ID: CB88767

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-HPES-1A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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Phyllis Shiller, Laboratory Director

November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:16Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

aboratory Data SDG ID: GCB88763

see "By" below

Phoenix ID: CB88768

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-HPES-1B

RL/

Parameter Result PQL DIL Units AL MCL MCLG Date/Time By Reference

Lead < 0.0010 0.0010 1 mg/L 0.015 11/08/18 RS E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:31Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by:

P.O.#: 20071230.B30

aboratory Data SDG ID: GCB88763

see "By" below

Phoenix ID: CB88769

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-HPES-2A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith
Fuss & O'Neill, Inc.
146 Hartford Road

see "By" below

Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:34Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by:

P.O.#: 20071230.B30

Laboratory Data SDG ID: GCB88763

Phoenix ID: CB88770

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-SV-HPES-2B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:10Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

Laboratory Data

SDG ID: GCB88763

Phoenix ID: CB88771

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-NES-1A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith
Fuss & O'Neill, Inc.
146 Hartford Road

see "By" below

Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:15Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by:

P.O.#: 20071230.B30

Laboratory Data SDG ID: GCB88763

Phoenix ID: CB88772

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-NES-1B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
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Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:20Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

_aboratory Data

SDG ID: GCB88763

Phoenix ID: CB88773

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-NES-2A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; CT Public Health Code 19-13-B102. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:25Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

_aboratory Data SDG ID: GCB88763

Phoenix ID: CB88774

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-NES-2B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Phyllis Shiller, Laboratory Director

November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:40Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

Laboratory Data

SDG ID: GCB88763

Phoenix ID: CB88775

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-SMS-1A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Phyllis Shiller, Laboratory Director

November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:45Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

Laboratory Data SDG ID: GCB88763

Phoenix ID: CB88776

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-SMS-1B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
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Comments:

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Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:50Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

_aboratory Data SDG ID: GCB88763

see "By" below

Phoenix ID: CB88777

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-SMS-2A

RL/

Parameter Result PQL DIL Units AL MCL MCLG Date/Time By Reference

Lead < 0.0010 0.0010 1 mg/L 0.015 11/08/18 RS E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:55Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

Laboratory Data SDG ID: GCB88763

Phoenix ID: CB88778

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-MW-SMS-2B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:38Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by:

P.O.#: 20071230.B30

aboratory Data SDG ID: GCB88763

Phoenix ID: CB88779

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-SNIS-1A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:40Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

aboratory Data

SDG ID: GCB88763

Phoenix ID: CB88780

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-SNIS-1B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:44Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

Laboratory Data SDG ID: GCB88763

Phoenix ID: CB88781

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-SNIS-2A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/187:46Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

SDG ID: GCB88763

Phoenix ID: CB88782

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-SNIS-2B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

aboratory Data

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

see "By" below

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:05Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

Laboratory Data

SDG ID: GCB88763

Phoenix ID: CB88783

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-LAB-1A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:07Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard Analyzed by: see "By" below

P.O.#: 20071230.B30

aboratory Data SDG ID: GCB88763

Phoenix ID: CB88784

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-LAB-1B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
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Comments:

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November 14, 2018



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Analysis Report

November 14, 2018

FOR: Attn: Jared Smith Fuss & O'Neill, Inc.

146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:11Location Code:F&OReceived by:CP11/06/1811:30

Rush Request: Standard

P.O.#: 20071230.B30

Analyzed by: see "By" below

SDG ID: GCB88763 Phoenix ID: CB88785

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-LAB-2A

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

aboratory Data

RL/PQL=Reporting/Practical Quantitation Level DIL=Dilution (analysis required diluting to evaluate) ND=Not Detected BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.) AL = Action Level MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

Comments:

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Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 14, 2018

FOR: Attn: Jared Smith

Fuss & O'Neill, Inc. 146 Hartford Road Manchester, CT 06040

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:11/06/188:13Location Code:F&OReceived by:CP11/06/1811:30

Analyzed by:

Rush Request: Standard

P.O.#: 20071230.B30

aboratory Data SDG ID: GCB88763

see "By" below

Phoenix ID: CB88786

Project ID: NEW MILFORD PUBLIC SCHOOLS

Client ID: 110618-JB-LAB-2B

RL/

 Parameter
 Result
 PQL
 DIL
 Units
 AL
 MCL
 MCLG
 Date/Time
 By
 Reference

 Lead
 < 0.0010</td>
 0.0010
 1
 mg/L
 0.015
 11/08/18
 RS
 E200.9

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Comments:

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Action Level (AL): 40 CFR Part 141.80.

Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143; CT Public Health Code 19-13-B102. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

If there are any questions regarding this data, please call Phoenix Client Services.

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

November 14, 2018



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

November 14, 2018

QA/QC Data

SDG I.D.: GCB88763

%

		Blk	Sample	Dup	Dup	LCS	LCSD	LCS	MS	MSD	MS	Rec	RPD
Parameter	Blank	RL	Result	Result	RPD	%	%	RPD	%	%	RPD	Limits	Limits

QA/QC Batch 455183 (mg/L), QC Sample No: CB88763 (CB88763, CB88764, CB88765, CB88766, CB88767, CB88767, CB88768, CB88769, CB88770, CB88771, CB88772, CB88773, CB88774, CB88775, CB88776, CB88777, CB88778, CB88779, CB88780, CB88781)

Lead BRL 0.0010 0.0015 0.0011 NC 97.3 103 99.8 3.2 85 - 115 20

Comment:

Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.

QA/QC Batch 455184 (mg/L), QC Sample No: CB88782 (CB88782, CB88783, CB88784, CB88785, CB88786)

Lead BRL 0.0010 <0.0010 NC 96.4 108 85-115 20

Comment:

Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

November 14, 2018

Wednesday, November 14, 2018

Criteria: CT: DW

State: CT

GCB88763 - FO

Sample Criteria Exceedances Report

RL Criteria Criteria 귐 Result Criteria Phoenix Analyte

Analysis Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

SampNo Acode
*** No Data to Display ***



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. Client: Fuss & O'Neill, Inc.

Project Location: NEW MILFORD PUBLIC SCHOOLS Project Number:

Laboratory Sample ID(s): CB88763-CB88786 Sampling Date(s): 11/6/2018

List RCP Methods Used (e.g., 8260, 8270, et cetera) 7000

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	✓ Yes □ No
1A	Were the method specified preservation and holding time requirements met?	✓ Yes □ No
1B	<u>VPH and EPH methods only:</u> Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	✓ Yes □ No
3	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	✓ Yes □ No
5	a) Were reporting limits specified or referenced on the chain-of-custody?	✓ Yes □ No
	b) Were these reporting limits met?	✓ Yes □ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in the data set?	✓ Yes □ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.			
Authorized Signature:	Position: Assistant Lab Director		
Printed Name: Greg Lawrence	Date: Wednesday, November 14, 2018		
Name of Laboratory Phoenix Environmental Labs, Inc.			

This certification form is to be used for RCP methods only.



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

November 14, 2018 SDG I.D.: GCB88763

SDG Comments

Metals Analysis:

The client requested a shorter list of elements than the 6010 RCP list. Only Lead is reported as requested on the chain of custody.

Temperature above 6C:

The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no significant bias is suspected.

AA Metals (PB-DW) Narration

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

Instrument:

PE600-1 11/08/18 08:41 Rick Schweitzer, Chemist 11/08/18

CB88763, CB88764, CB88765, CB88766, CB88767, CB88768, CB88769, CB88770, CB88771, CB88772, CB88773, CB88774, CB88775, CB88776, CB88776, CB88777, CB88778, CB88780, CB88781, CB88782, CB88783, CB88784, CB88785, CB88786

Any sample below with an analytical spike recovery outside of 85-115% was re-analyzed at a dilution with a passing analytical spike recovery.

The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.

The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

The following samples did not meet analytical spike criteria: None.

QC (Site Specific):

Batch 455183 (CB88763)

CB88763, CB88764, CB88765, CB88766, CB88767, CB88768, CB88769, CB88770, CB88771, CB88772, CB88773, CB88774, CB88775, CB88776, CB88777, CB88778, CB88779, CB88780, CB88781

All LCS recoveries were within 85 - 115 with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.

Batch 455184 (CB88782)

CB88782, CB88783, CB88784, CB88785, CB88786

All LCS recoveries were within 85 - 115 with the following exceptions: None.

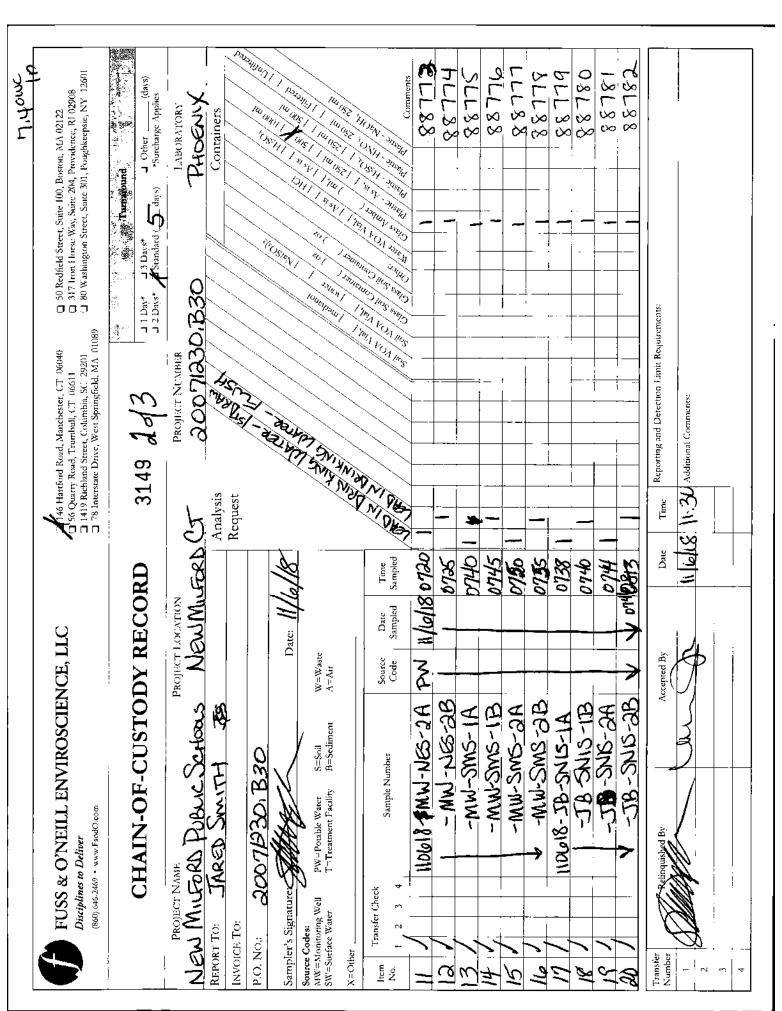
All MS recoveries were within 75 - 125 with the following exceptions: None.

Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.

Temperature Narration

The samples were received at 7.4C with cooling initiated.

(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

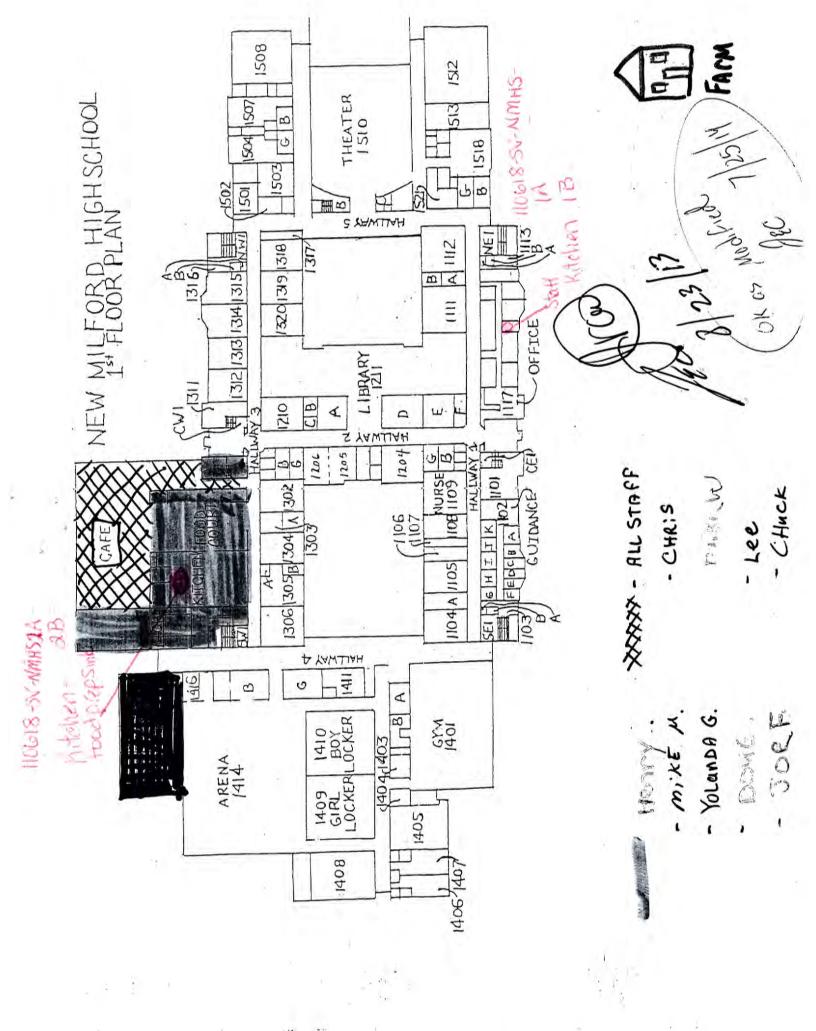


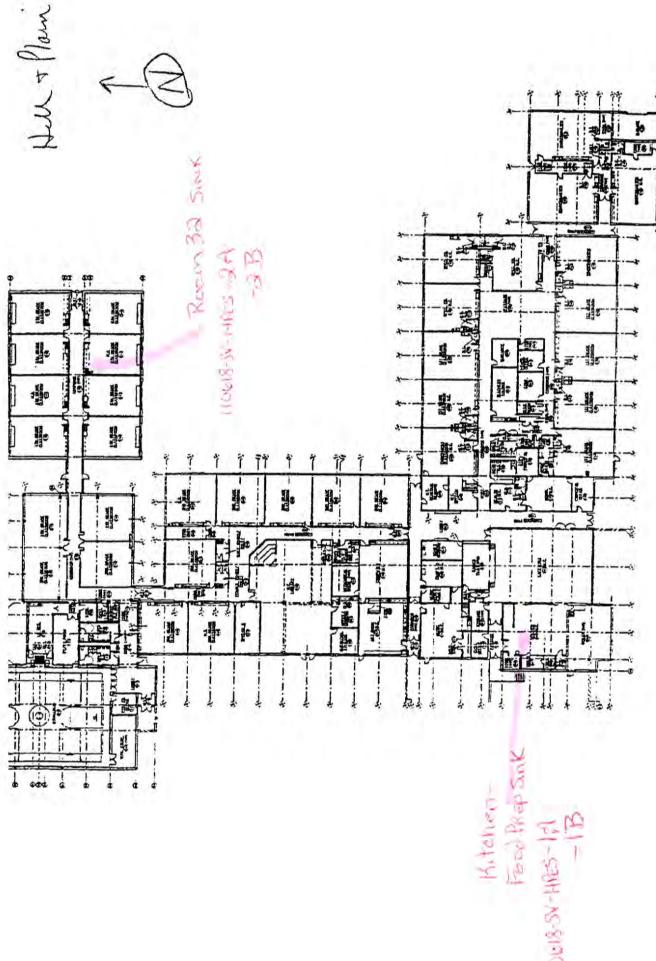
50 Redfield Street, Suite 100, Boston, MA 02122 317 Iron Horse Way, Suite 204, Providence, RI 02908 30 Washington Street, Suite 301, Poughkeepsic, NY 12601 Turione In Turion Constitution of the Constitu **1868** 98188 88183 (days) 88788 *Surcharge Applies ProcNU ABORATORY Containers □ Other ⊔ 1 Day* ⊔ 2 Days* 200 11330, B30 Reporting and Detection Limit Requirements: 78 Interstate Drive, West Springfield, MA 01089 146 Hartford Road, Manchester, CT 06040 4 56 Quarry Road, Trumbull, CT 06611 PROJECT NUMBER 3150 30P3 11,30 Additional Comments: Time PROJECT LOCATION NEW MARKA 11/10/18 0805 5180 Time Sampled 0807 0811 CHAIN-OF-CUSTODY RECORD Date Sampled FUSS & O'NEILL ENVIROSCIENCE, LLC W'=Waste A∹Air Accepted By Source Code 3 -5B-LAB-2A -38-UAB-3B New MICFORD PUBLIC SHOWS -18-LAB-1B 110618-JB-LAB-1A S-Soil B=Sediment 2007 B30, B30 Sample Number JARED SMITH PW=Potable Warer T=Treatment Facility (860) 646-2469 * www.FandO.com Disciplines to Deliver Transfer Check Sampler's Signature MW=Monitoring Well SW=Surface Water INVOICE TO: Source Codes: P.O. No.: X=Other Transfer ltem B 2 ŝ



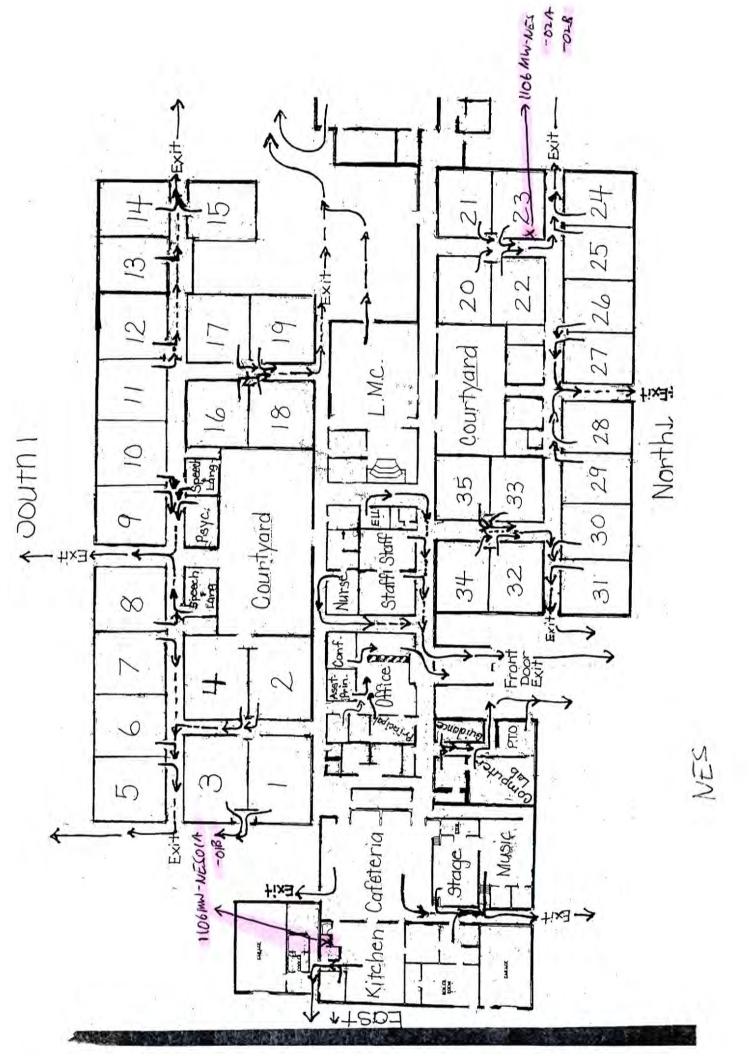
Appendix C

Sample Location Diagrams

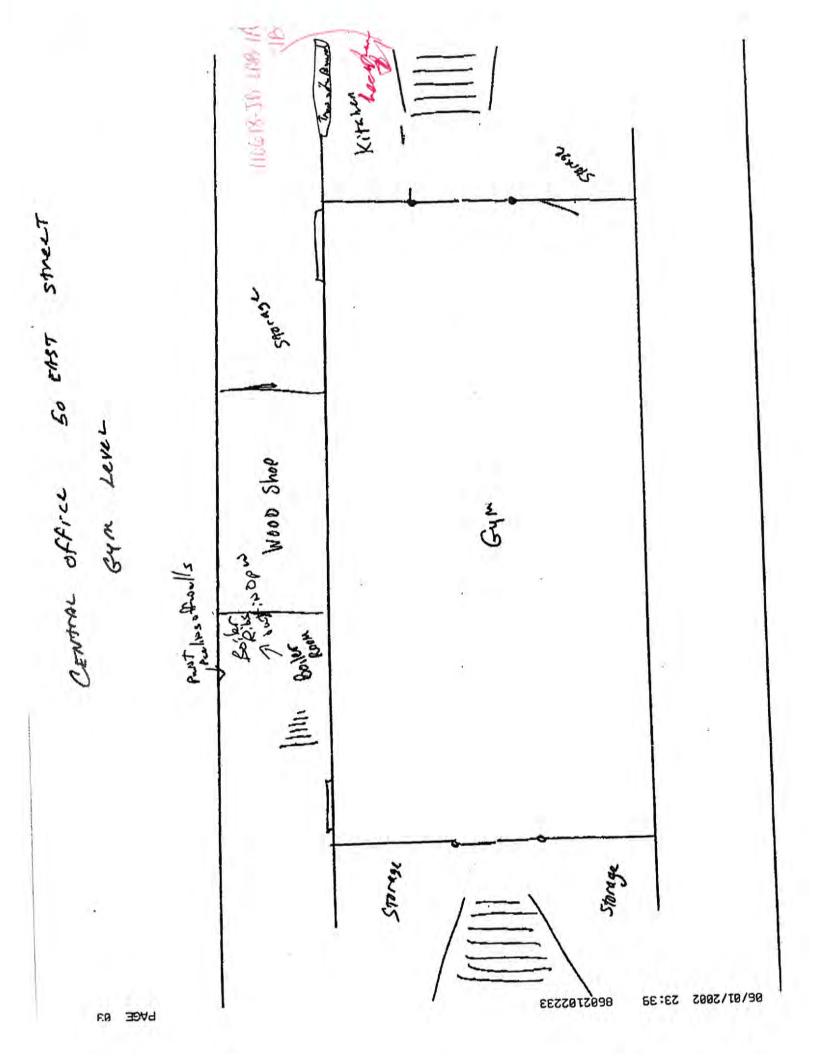




110e18-SV-HRES-121



NO 12%



CENTRAL OFFICE SO EAST STREET EVACUATION PLAN

