

Environmental Consultants
And Laboratory Services

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49 Woodside Street Stamford, CT 06902

May 12, 2016

New Milford Public Schools
Attn. Kevin Munrett

RE: Lead in water sampling
New Milford Board of Education – New Milford, CT

To Whom It May Concern:

On May 9, 2016, I collected water samples from the pantry sink and the basement sink (old kitchen) at the above mentioned site.

Water samples were collected during the early in the morning to get the 'first draw'. After a minute flush the 'second draw' was collected and after two minutes the 'third draw' was taken from each location. The water samples were sent to Complete Environmental Testing in Stratford, CT to be analyzed for lead by EPA Method 200.8 / EPA 3005A. The results are summarized in the following table:

Sample Location	1 st Draw mg/L	2 nd Draw mg/L	3 rd Draw mg/L	EPA Standard mg/L
Pantry Sink	< 0.001	< 0.001	< 0.001	0.015
Basement Sink (Old Kitchen)	< 0.001	0.0028	< 0.001	0.015

All samples were below the EPA Action level for lead in tap water of 15 ppb (0.015 mg/L).

More information about lead in water can be found at the following websites:

<https://www.epa.gov/your-drinking-water/basic-information-about-lead-drinking-water>
https://www.epa.gov/sites/production/files/2015-09/documents/toolkit_leadschools_guide_3ts_leadschools.pdf

If you have any questions, comments, or concerns please contact me at rebenhack@hygenix.com or (203) 324-2222. Thank you.

Sincerely,

Ryan Ebenhack
Hygenix, Inc.
CT Lead Inspector License # 002167

[Attachments – Lead in water sampling laboratory reports](#)

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Client: Mr. Ryan Ebenhak
Hygenix Inc
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Analytical Report

CET# 6050202

Report Date: May 11, 2016
Project: Board of Ed, New Milford

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate: M-CT903



New York Certification: 11982
Rhode Island Certification: 199

CET # : 6050202

Project: Board of Ed, New Milford

SAMPLE SUMMARY

The sample(s) were received at 11.7°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
BE K1 Pantry	6050202-01	Drinking Water	5/09/2016	05/09/2016
BE K2 Pantry	6050202-02	Drinking Water	5/09/2016	05/09/2016
BE K3 Pantry	6050202-03	Drinking Water	5/09/2016	05/09/2016
BE P1 BSMT	6050202-04	Drinking Water	5/09/2016	05/09/2016
BE P2 BSMT	6050202-05	Drinking Water	5/09/2016	05/09/2016
BE P3 BSMT	6050202-06	Drinking Water	5/09/2016	05/09/2016

Analyte: Total Lead [EPA 200.8]

Analyst: KP

Prep: EPA 3005A

Matrix: Drinking Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6050202-01	BE K1 Pantry	ND	0.0010	mg/L	1	B6E1027	05/10/2016	05/10/2016 21:33	
6050202-02	BE K2 Pantry	ND	0.0010	mg/L	1	B6E1027	05/10/2016	05/10/2016 21:41	
6050202-03	BE K3 Pantry	ND	0.0010	mg/L	1	B6E1027	05/10/2016	05/10/2016 21:45	
6050202-04	BE P1 BSMT	ND	0.0010	mg/L	1	B6E1027	05/10/2016	05/10/2016 21:49	
6050202-05	BE P2 BSMT	0.0028	0.0010	mg/L	1	B6E1027	05/10/2016	05/10/2016 21:53	
6050202-06	BE P3 BSMT	ND	0.0010	mg/L	1	B6E1027	05/10/2016	05/10/2016 21:57	

CET # : 6050202

Project: Board of Ed, New Milford

QUALITY CONTROL SECTION

Batch B6E1027 - EPA 200.8

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6E1027-BLK1)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	ND	0.0010							
Blank (B6E1027-BLK2)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	ND	0.0010							
Blank (B6E1027-BLK3)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	ND	0.0010							
LCS (B6E1027-BS1)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	0.0879	0.0010	0.100		87.9	85 - 115			
LCS (B6E1027-BS2)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	0.0873	0.0010	0.100		87.3	85 - 115			
LCS (B6E1027-BS3)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	0.0880	0.0010	0.100		88.0	85 - 115			
Matrix Spike (B6E1027-MS4)									Prepared: 5/10/2016 Analyzed: 5/10/2016
Lead	0.0913	0.0010	0.100	ND	91.3	75 - 125			



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Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET # : 6050202

Project: Board of Ed, New Milford

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 200.8 in Drinking Water</i>	
Lead	CT,MA,RI

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
MA	Massachusetts Laboratory Certification	M-CT903	06/30/2016
RI	Rhode Island Certification	LAO 00227	09/30/2016

