77 Broadway, Suite 1 • Amityville, NY 11701
631-521-7743 • 1-800-228-7838 • Fax 631-521-7820
www.envirotestcompanycom • email: art@envirotestcompany.com

July 21, 2016

Mike Carpenter
Quogue School
10 Edgewood Road
Quogue, NY 11959

RE: Water Analysis (2nd visit)
Same address as above

LEAD-IN-WATER ANALYSIS – 1 UNACCEPTABLE RESULT

6th grade, 1st draw

Dear Mr. Carpenter:

Enclosed you will find the laboratory results of the water samples which were collected on Thursday, July 14, 2016, from the address mentioned above

Two (2) "first draw" samples were collected by Enviro-Test from the daycare center due to the fact that two sinks failed (Kitchen and 6th Grade) during the initial analysis performed on Tuesday, June 21, 2016 (report dated June 27, 2016).

I. Lead-in-Water:

The first draw samples are taken in order to check the condition of the immediate plumbing in terms of lead content in water. The water sitting in the pipes constitutes the "first draw" sample.

The United States Environmental Protection Agency (EPA) Action Level (Safe Drinking Water Act) for lead in household drinking water is ***15 micrograms per liter (ug/L).***

Water samples that are equal to or above the 15 ug/L Action Level are considered to have a lead content in water that is unacceptable. Figures that are below 15 ug/L are considered to have acceptable levels of lead content in the drinking water.

II. Results:

- **Kitchen, 1st draw sample - passed (8.65 ug/L).**

- **<u>The 6th Grade water sample continues to display an unacceptable result and is above the EPA Action Level of 15 ug/L.</u>**
    - **The result is as follows: 6th grade, 1st draw= 17.0 ug/L**

The source of the lead contamination can be generated from pipes, plumbing solder, plumbing fittings, and/or fixtures.

III. Failed Water Recommendations:

It will be important to adhere to the following recommendations until the water is safe.

1. ***<u>Do not use the water from the 6th Grade faucet mentioned above for cooking or drinking until the existing plumbing has been addressed.</u>***
    a. ***Option 1: Have additional water testing performed-not recommended. Two consecutive failed water results likely dictates that leaded plumbing components are present.***
    b. ***Option 2: The immediate plumbing and fixtures can be removed and replaced.***
    c. ***Option 3: If accessible, the plumbing solder can be laboratory analyzed for lead and the pipes can be tested for lead content to determine the location of the lead source.***
2. In the interim, use bottled water for drinking and cooking until further determinations are made regarding the faucets where the failed water samples were found.

Please see the attached laboratory analysis sheet for the results. The chain of custody is also attached.

Enviro-Test, Inc. EPA Certificate numbers are:

NY-1972-5 Firm
NY-R-5427-6 Risk Assessor-Morales
NY-6376-4 Risk Assessor Vankeuren
NY-I-14204-4 Inspector-Berrios

York Laboratories NYSDOH-ELAP No. 10854

Please call if you have any questions regarding these results.

Sincerely,

Arthur A. Morales
President

Technical Report

prepared for:

Enviro-Test Inc.
77 Broadway, Suite 1
Amityville NY, 11701
Attention: Arthur Morales

Report Date: 07/21/2016
Client Project ID: 10 Edgewood Rd. Quogue, NY
York Project (SDG) No.: 16G0655

Report Date: 07/21/2016
Client Project ID: 10 Edgewood Rd. Quogue, NY
York Project (SDG) No.: 16G0655

Enviro-Test Inc.
77 Broadway, Suite 1
Amityville NY, 11701
Attention: Arthur Morales

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 19, 2016 and listed below. The project was identified as your project: **10 Edgewood Rd. Quogue, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16G0655-01	Kitchen	Drinking Water	07/14/2016	07/19/2016
16G0655-02	6th Grade	Drinking Water	07/14/2016	07/19/2016

General Notes for York Project (SDG) No.: 16G0655

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 07/21/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Kitchen — **York Sample ID:** 16G0655-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0655	10 Edgewood Rd. Quogue, NY	Drinking Water	July 14, 2016 7:00 am	07/19/2016

Lead by EPA 200.8 — **Log-in Notes:** — **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	8.65		ug/L	0.065	1.00	1	EPA 200.8	07/20/2016 10:05	07/20/2016 13:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 6th Grade — **York Sample ID:** 16G0655-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16G0655	10 Edgewood Rd. Quogue, NY	Drinking Water	July 14, 2016 7:00 am	07/19/2016

Lead by EPA 200.8 — **Log-in Notes:** — **Sample Notes:**

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	17.0		ug/L	0.065	1.00	1	EPA 200.8	07/20/2016 10:05	07/20/2016 13:36	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Notes and Definitions

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 16G0655

YOUR Information
Company: ENVIRO-TEST INC.
Address: 77 BROADWAY STE 1 AMITYVILLE NY 11701
Phone No. 631 321-7743
Contact Person: A-MORALES
E-Mail Address: ARTE ENVIROTESTCOMPANY.COM

Report To:
Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
10 Edgewood Rd. Quogue, NY

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☑
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard (5-7 Days) ☐

Report Type
Summary Report ____
Summary w/ QA Summary ____
CT RCP Package ____
CTRCP DQA/DUE Pkg ____
NY ASP A Package ____
NY ASP B Package ____
NJDEP Red. Deliv. ____
Electronic Data Deliverables (EDD)
Simple Excel ____
NYSDEC EQuIS ____
EQuIS (std) ____
EZ-EDD (EQuIS) ____
NJDEP SRP HazSite EDD ____
GIS/KEY (std) ____
Other ____
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): Mark VanK[signature]
Name (printed): Mark VanKeuren

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Kitchen	7/14/16 7AM	DW	LEAD 200.8	1
6th Grade	7/14/16 7AM	DW	LEAD 200.8	2

Comments

Preservation (Check those Applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 X H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7/14/16	KBaker	7-18-16 1050AM
[signature]	7/18/16	T. [signature]	7/19/16 1901

Temperature on Receipt: 4.5 °C

United States Environmental Protection Agency

This is to certify that

Enviro-Test, Inc.

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 745.226

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires August 01, 2018

NY-1972-5

Certification #

July 20, 2015

Issued On

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

United States Environmental Protection Agency

This is to certify that

Arthur A Morales

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 745.226 as:

Risk Assessor

In the Jurisdiction of:

New York

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

NY-R-5427-6

Certification #

July 09, 2015

Issued On

John Gorman, Chief

Pesticides & Toxic Substances Branch

United States Environmental Protection Agency

This is to certify that

Mark A. VanKeuren

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 745.226 as a:

Risk Assessor

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires October 12, 2016

NY-R-6376-4

Certification #

SEP 0 5 2013

Issued On

John Gorman, Chief

Pesticides & Toxic Substances Branch