



77 Broadway, Suite 1 • Amityville, NY 11701
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www.envirotestcompany.com • email: art@envirotestcompany.com

September 16, 2016

Mike Carpenter
Quogue School
10 Edgewood Road
Quogue, NY 11959

RE: Water Analysis (3rd visit)
Same address as above

LEAD-IN-WATER ANALYSIS – 1 UNACCEPTABLE RESULT
4th grade, 1st draw

Dear Mr. Carpenter:

Enclosed you will find the laboratory results of the water samples which were collected by Enviro-Test on Tuesday, September 13, 2016, from the address mentioned above

- **Eight (8) “first draw” samples were collected by Enviro-Test from the daycare center.**
- **The 6th grade sink* was included in the 8 samples due to the fact that this sample failed during the previous analysis performed on Thursday, July 14, 2016 (report dated July 21, 2016).**

***The 6th grade sample has now passed; the plumbing for this faucet was replaced with new components.**

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:

- 7 of the 8 samples passed (please see the attached laboratory results).
- The 4th Grade water sample displayed an unacceptable result and is above the EPA Action Level of 15 ug/L.
 - The result is as follows: 4th grade, 1st draw= 20.1 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. Do not use the water from the 4th Grade faucet mentioned above for cooking or drinking until the existing plumbing has been addressed.
 - a. *Option 1: The immediate plumbing and fixtures can be removed and replaced.*
 - b. *Option 2: Have additional water testing performed after flushing the faucet several times a day for two days.*
 - 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 faucet where the failed water sample was 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

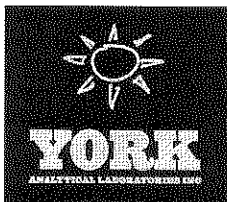
York Laboratories NYSDOH-ELAP No. 10854

Please call if you have any questions regarding these results.

Sincerely,

Arthur A. Morales
President

A handwritten signature in black ink, consisting of a large, stylized initial 'A' followed by a long, horizontal stroke that tapers to the right.



Technical Report

prepared for:

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

Report Date: 09/15/2016
Client Project ID: 10 Edgewood Rd. Quogue, NY
York Project (SDG) No.: 16I0439

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 357-0166

Report Date: 09/15/2016
Client Project ID: 10 Edgewood Rd. Quogue, NY
York Project (SDG) No.: 16I0439

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 September 14, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
16I0439-01	Main Office Bath Sink	Drinking Water	09/13/2016	09/14/2016
16I0439-02	Kitchen Sink	Drinking Water	09/13/2016	09/14/2016
16I0439-03	4th Grade Sink	Drinking Water	09/13/2016	09/14/2016
16I0439-04	6th Grade Sink	Drinking Water	09/13/2016	09/14/2016
16I0439-05	6th Grade Fountain	Drinking Water	09/13/2016	09/14/2016
16I0439-06	4th Grade Fountain	Drinking Water	09/13/2016	09/14/2016
16I0439-07	5th Grade Sink	Drinking Water	09/13/2016	09/14/2016
16I0439-08	5th Grade Fountain	Drinking Water	09/13/2016	09/14/2016

General Notes for York Project (SDG) No.: 1610439

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:



Benjamin Gulizia
Laboratory Director

Date: 09/15/2016





Sample Information

Client Sample ID: Main Office Bath Sink York Sample ID: 1610439-01
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

Lead by EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

Table with columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1, Lead, 2.24, ug/L, 0.065, 1.00, 1, EPA 200.8, 09/15/2016 06:55, 09/15/2016 12:36, ALD.

Sample Information

Client Sample ID: Kitchen Sink York Sample ID: 1610439-02
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

Lead by EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

Table with columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1, Lead, 11.3, ug/L, 0.065, 1.00, 1, EPA 200.8, 09/15/2016 06:55, 09/15/2016 12:36, ALD.

Sample Information

Client Sample ID: 4th Grade Sink York Sample ID: 1610439-03
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

Lead by EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

Table with columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-92-1, Lead, 20.1, ug/L, 0.065, 1.00, 1, EPA 200.8, 09/15/2016 06:55, 09/15/2016 12:36, ALD.

Sample Information

Client Sample ID: 6th Grade Sink York Sample ID: 1610439-04
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

Lead by EPA 200.8

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: 6th Grade Sink York Sample ID: 1610439-04
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

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	11.4	✓	ug/L	0.065	1.00	1	EPA 200.8 Certifications: CTDOH.NEL.AC-NY10854.NJDEP.PADDP	09/15/2016 06:55	09/15/2016 12:56	ALD

Sample Information

Client Sample ID: 6th Grade Fountain York Sample ID: 1610439-05
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

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	1.39	✓	ug/L	0.065	1.00	1	EPA 200.8 Certifications: CTDOH.NEL.AC-NY10854.NJDEP.PADDP	09/15/2016 06:55	09/15/2016 12:56	ALD

Sample Information

Client Sample ID: 4th Grade Fountain York Sample ID: 1610439-06
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

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	12.0	✓	ug/L	0.065	1.00	1	EPA 200.8 Certifications: CTDOH.NEL.AC-NY10854.NJDEP.PADDP	09/15/2016 06:55	09/15/2016 12:56	ALD

Sample Information

Client Sample ID: 5th Grade Sink York Sample ID: 1610439-07
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

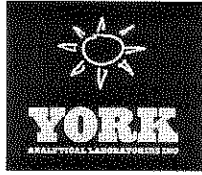
Lead by EPA 200.8

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	10.5	✓	ug/L	0.065	1.00	1	EPA 200.8 Certifications: CTDOH.NEL.AC-NY10854.NJDEP.PADDP	09/15/2016 06:55	09/15/2016 12:56	ALD



Sample Information

Client Sample ID: 5th Grade Sink York Sample ID: 1610439-07
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

Sample Information

Client Sample ID: 5th Grade Fountain York Sample ID: 1610439-08
York Project (SDG) No. 1610439 Client Project ID 10 Edgewood Rd. Quogue, NY Matrix Drinking Water Collection Date/Time September 13, 2016 3:00 pm Date Received 09/14/2016

Lead by EPA 200.8

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.8

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
7439-92-1	Lead	5.87	✓	ug/L	0.065	1.00	1	EPA 200.8 Certifications: CTD01LNELAC-NY0854,NJDEP,PADEP	09/15/2016 09:55	09/15/2016 12:36	ALD



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.

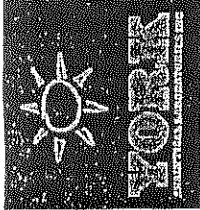
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.
STRAFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

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. 16JD439

YOUR INFORMATION Company: <u>ENVIRO-TEST INC.</u> Address: <u>77 BROADWAY STE 1</u> <u>AMICVILLE NY 14101</u> Phone No: <u>631 521-7743</u> Contact Person: <u>A-MORANES</u> E-MAIL Address: <u>ACTE@ENVIROTESTCOMPANY.COM</u>		Report To: Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID <u>10 EDGEWOOD RD.</u> <u>QUogue NY</u> Purchase Order No. _____ Samples from: CT NY NJ _____		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input checked="" type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input type="checkbox"/>		Report Type Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CT RCP DQADUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NIDEP Red. Deliv. <input type="checkbox"/> <i>Electronic Data Deliverables (EDD)</i> Simple Excel <input type="checkbox"/> NYSEDEC EQuIS <input type="checkbox"/> EQuIS (Std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (Std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Refs. (Please fill in): _____	
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Volatiles 2560 full TICs 624 Site Spec. STARS list Nassau Co. BTEX Suffolck Co. MTBE Ketones TCL list Oxygens TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NIDEP list App. IX SELP or TCLP 8021B list		Semi-Volatiles 8081 PCB STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCLP list NIDEP list App. IX TCLP BNA SELP or TCLP 608 PCB		Metals RCRA8 PP13 list TAL CT ETPH NY 310-13 TPH 1664 Full App. IX Part 300 Air TO14A Air TO15 Air STARS SELP or TCLP Air VPH Air TICs Medians List Below		Misc. Org. TPH GRO TPH DRO Full Lists TCL Ognads TAL Metox Full TCLP Full App. IX Part 300 Part 300 Part 300 Part 300 NYSEDEC TAGM Silica		Full Lists Corrosivity Reactivity Ignitability Flash Point Sewer Anal. Microorganisms TOX Part 300 Part 300 Part 300 NYSEDEC NYSEDEC TAGM Silica	
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Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MAN/ OFFICE BATH SINK	9/13/16	PW	LEAD 200.8	1
KITCHEN SINK				2
4th GARAGE SINK				3
6th GARAGE SINK				4
6th GARAGE FOUNTAIN				5
4th GARAGE FOUNTAIN				6
5th GARAGE SINK				7
5th GARAGE FOUNTAIN				8

Comments <u>All 1st DRAW</u>		Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		4°C _____ Frozen _____ HCl _____ MicrOH _____ Ascorbic Acid _____ HNO₃ _____ H₂SO₄ _____ NaOH _____ Other _____	
Samples Relinquished By <u>[Signature]</u>		Samples Received By <u>[Signature]</u>		Date/Time <u>9/14/16 11AM</u>	
Date/Time <u>9/14/16 1820</u>		Temperature on Receipt <u>1.4 °C</u>		Samples Reanalyzed At <u>ARR</u>	

United States Environmental Protection Agency

Division of Certification

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

At the Administration of:

New York

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

NY-1972-5

Certification #

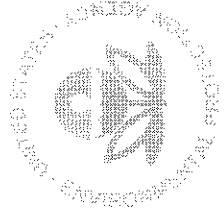
July 20, 2015

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

August 29, 2018

This certification is valid from the date of issuance and expires

NY-R-5427-6

Certification #

July 09, 2015

Issued On



John Gorman, Chief

Pesticides & Toxic Substances Branch

