## J.C. Broderick & Associates, Inc.

Environmental/Construction Consulting & Testing

September 22, 2016

Mr. Christopher Milano Levittown Union Free School District Administration Building 850 Seamans Neck Road Seaford, New York 11783

Re: Lead in Water Sampling Addendum No. 1

**NYS DOH Regulation Update** 

**Levittown Union Free School District** 

JCB#: 16-34262

Dear Mr. Milano:



1775 Expressway Drive North Hauppauge, NY 11788 631.584.5492 Fax: 631.584.3395 www.jcbroderick.com

J. C. Broderick & Associates, Inc. (JCB) was retained by the Levittown Union Free School District to perform an assessment and testing of the drinking water outlets servicing the above referenced school buildings for the presence of lead. The assessment and testing was performed in accordance with the United States Environmental Protection Agency (EPA) protocols as recommended in their publication <u>3Ts for Reducing Lead in Drinking Water in Schools</u>.

On Tuesday, September 6, 2016 the New York State Department of Health (NYS DOH) enacted an emergency Regulation; 10 NYCRR Subpart 67-4, Lead Testing in School Drinking Water. In this regulation, the NYS DOH imposes an action level of fifteen parts per billion (15 ppb), which is lower than the EPA's action level of twenty parts per billion (20 ppb).

The initial assessment and testing performed indicate that the lead levels of all the tested potable (drinking) water outlets currently servicing the School District meet both the federal guidelines and state regulation action levels. Sampling was performed at three hundred forty-seven (347) outlets and lead was detected above the EPA action level at only nineteen (19) of these locations and above the new DOH action level at an additional fifteen (15) locations. All of these outlets have been removed from service and will remain out of service until further investigation, remediation and/or retesting is completed. A summary of these outlets can be referenced in the attached table.

It should be noted that both interim and permanent remediation and retesting efforts have already begun on many of these outlets. When retesting results reveal satisfaction of both the Federal guidelines and State regulation the outlets will be returned to service. When all testing and remediation activities have been completed a final report with all results will be forwarded to the District.

The emergency DOH regulation requires specific notifications to the public, State and Local Health Departments. A summary of these required notifications as they're stated in the regulation is also attached to this letter for your reference.

Please note that the referenced DOH regulation is an emergency regulation, as such; revisions, amendments and/or technical interpretations are expected. These updates may require additional sampling, notifications and/or other requirements. We will monitor the DOH's progress of the regulation and advise you of any relevant findings.

If you need any further assistance, please feel free to contact our office.

Sincerely,

Edward McGuire

J.C. Broderick & Associates, Inc.

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Attachment No. 1					
Levittown Union Free School District					
JCB#16-34262					
School Building	Drinking Water	Locations which Exceed EPA and/or DOH Action Levels			
	Outlets Sampled				
Division Avenue High School	30	Exceed EPA 20ppb AL			
		Map location 2: Fountain in hallway between rooms 134 and 114  Map location 6: Fountain in hallway by room 216			
		Map location 12: Fountain in hallway by computer lab 143			
		iviap location 12. I duntam in nanway by computer lab 145			
		Exceed DOH 15ppb AL			
		Map location 1: Faucet in home economics classroom 125			
		Map location 3: Fountain in hallway by room 115			
		Map location 4: Fountain in hallway by room 105			
		Map location 5: Fountain in hallway by faculty room 239			
		Map location 13: Fountain in hallway by room 149			
		Map location 26: Fountain in hallway by engineering room 323			
Macarthur High School	33	Exceed EPA 20ppb AL			
		None			
		Exceed DOH 15ppb AL			
		Map location 4: Fountain in gym lobby/ corridor			
		Map location 15: Faucet in classroom 211			
		Map location 23: Fountain in hallway by room 221			
		Map location 31: Fountain in hallway by garbage disposal room			
G.R. Claps Career & Tech Center	29	Exceed EPA 20ppb AL			
•		Map location 3: Fountain in hallway by room 13			
		Map location 13: Faucet in kitchen			
		Map location 18: Faucet in superintendent office conference room			
		Map location 19: Fountain in hallway by superintendent office reception			
		Map location 23: Fountain in hallway by room 309 Map location 24: Fountain in auditorium lobby			
		Map location 24: Fountain in additorium looby  Map location 26: Fountain in hallway by room 209 wood shop			
		Map rocation 20. I duntain in nanway by room 207 wood shop			
		Exceed DOH 15ppb AL			
		Map location 8: Faucet in room 101 kitchen			
Salk Middle School	35	Exceed EPA 20ppb AL			
	-	None			
		Exceed DOH 15ppb AL			
		None			

Attachment No. 1 Levittown Union Free School District JCB#16-34262				
School Building	Drinking Water Outlets Sampled	Locations which Exceed EPA and/or DOH Action Levels		
Wisdom Lane School	40	Exceed EPA 20ppb AL  Map Location 5: Hallway Fountain Near Boys Locker Room  Map Location 6: Fountain in Boys Locker Room  Map Location 18: Hallway Fountain Near Room 330  Map Location 30: Faucet in Room 103A Office  Exceed DOH 15ppb AL  Map Location 3: Hallway Fountain Near Room 304		
Abbey Lane Elementary School	23	Exceed EPA 20ppb AL  Map location 3: Faucet in kitchen  Map location 22: Fountain in hallway by 1044  Exceed DOH 15ppb AL  None		
East Broadway School	26	Exceed EPA 20ppb AL None  Exceed DOH 15ppb AL None		
Gardiners Avenue School	21	Exceed EPA 20ppb AL Map location 11: Faucet in faculty room 301  Non Potable Outlet Map location 19: Faucet in Kitchen		
Laurel Lane Elementary School	10	Exceed EPA 20ppb AL  Map location 3: Fountain in classroom 104  Exceed DOH 15ppb AL  Map location 8: Faucet in kitchen		
Lee Road School	20	Exceed EPA 20ppb AL None  Exceed DOH 15ppb AL None		

Attachment No. 1 Levittown Union Free School District JCB#16-34262				
School Building	Drinking Water Outlets Sampled	Locations which Exceed EPA and/or DOH Action Levels		
Northside Elementary School	40	Exceed EPA 20ppb AL None		
		Exceed DOH 15ppb AL None		
Summit Lane Elementary School	22	Exceed EPA 20ppb AL None  Exceed DOH 15ppb AL Map location 4: Faucet in kitchen Map location 17: Faucet in classroom 1059		
Seamen's Neck Middle School	10	Exceed EPA 20ppb AL None  Exceed DOH 15ppb AL Map location 2: Faucet in nurse's office		
Little Red School	8	Exceed EPA 20ppb AL None  Exceed DOH 15ppb AL None		

### NYS DOH Lead in Water Compliance Checklist for Testing and Notification Date Requirements

Yes No N/A	FIRST DRAW SAMPLING DEADLINES			
	Any first-draw sampling that occurred after January 1, 2015 shall satisfy the initial first-draw sampling requirement.			
	Any school serving children in any of the levels prekindergarten through grade five, collection of samples is to be completed by September 30, 2016			
	Any school serving children in any of the levels grades six through twelve that are not also serving students in any of the levels prekindergar ten through grade five, and all other applicable buildings, collection of samples is to be completed by October 31, 2016			
	For buildings put into service after the effective date of this regulation, initial first-draw samples shall be performed prior to occupancy; provided that if the building is put into service between the effective date of this regulation but before October 31, 2016, the school shall have 30 days to perform first-draw sampling			
	Continued monitoring: Schools shall collect first-draw samples again in 2020 or at an earlier time as determined by the commissioner. Schools shall continue to collect first-draw samples at least every 5 years thereafter or at an earlier time as determined by the commissioner.			
	RESPONSE NOTIFICATIONS (Receipt of first draw sampling laboratory report)			
	Report results to the local health department as soon as practicable, but no more than I business day after the school received the laboratory report			
	Notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but not more than 10 business days after the school received the laboratory report; and, for results of tests performed prior to the effective date of this Subpart, within 10 business days of this regulation's effective date, unless such written notification has already occurred.			
	PUBLIC NOTIFICATIONS (After receiving report with lead retesting results and implemented lead remediation actions)			
	By October 31, 2016, the school shall make available on its website a list of all buildings that are determined to be lead-free, as defined in section 1417 of the Federal Safe Drinking Water Act.			
	Section 1417 of the Safe Drinking Water Act (SDWA) establishes the definition for "lead free" as a weighted average of 0.25% lead calculated across the wetted surfaces of a pipe, pipe fitting, plumbing fitting, and fixture and 0.2% lead for solder and flux.			
	The school shall make available, on the school's website, the results of all lead testing performed and lead remediation plans implemented pursuant to this Subpart, as soon as practicable, but no more than 6 weeks after the school received the laboratory reports.			
	For schools that received lead testing results and implemented lead remediation plans in a manner consistent with this Subpart, but prior to effective date of this Subpart, the school shall make available such information, on the school's website, as soon as practicable, but not more than 6 weeks after the effective date of this Subpart.			
	REPORTING TO DEPARTMENT OF HEALTH			
	As soon as practicable but no later than November 11, 2016, the school shall report required information to the NYS DOH, local health department, and State Education Department, through the Departments designated statewide electronic reporting system:			
	As soon as practicable, but no more than 10 business days after the school received the laboratory reports, the school shall report data relating to test results to the Department, local health department, and State Education Department, through the Department's designated statewide electronic reporting system.			
	RECORDKEEPING			
	The school shall retain all records of test results, lead remediation plans, determinations that a building is lead-free, and waiver requests, for ten years following the creation of such documentation. Copies of such documentation shall be immediately provided to the Department, local health department, or State Education Department, upon request.			

## J.C. Broderick & Associates, Inc.

Environmental/Construction Consulting & Testing

September 6, 2016

Mr. Christopher Milano Levittown Union Free School District Administration Building 850 Seamans Neck Road Seaford, New York 11783

Re: Lead in Water Sampling

**Levittown Union Free School District** 

**Sites: Division Avenue High School** 

G.R. Claps Career & Tech Center Wisdom Lane Middle School East Broadway Elementary School

Lee Road Elementary School

**Summit Lane School** 

Seaman's Neck Middle School

MacArthur High School Jonas E. Salk Middle School Abbey Lane Elementary School Gardiners Avenue School Northside Elementary School

Little Red School House Laurel Lane School

JCB#: 16-34262

Dear Mr. Milano:

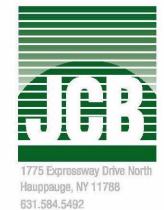
J. C. Broderick & Associates, Inc. (JCB) was retained by the Levittown Union Free School District to perform an assessment and testing of the drinking water outlets servicing the above referenced school buildings for the presence of lead. The assessment and testing was performed in accordance with the United States Environmental Protection Agency (EPA's) protocols as recommended in their publication <u>3Ts for Reducing</u> Lead in Drinking Water in Schools.

In summary, the assessment and testing performed indicate that the lead levels of the drinking water outlets servicing the School District currently meet federal guidelines. Sampling was performed at three hundred forty-seven (347) drinking outlets, and although lead was initially detected above the action level at nineteen (19) of these locations, these outlets have been removed from service until further investigation, remediation and/or retesting is completed.

#### Background

Lead is a toxic metal that can be harmful to human health when ingested or inhaled. Even small doses of lead can be harmful. Unlike most other contaminants, lead is stored in our bones, to be released later into the bloodstream. Even small doses can accumulate and become significant. The groups most vulnerable to lead include fetuses and young children. Drinking water represents one possible means of lead exposure.

Even though water delivered from your community's public water supply must meet Federal and State standards for lead, you may still end up with too much lead in your drinking water because of the plumbing in your facility and because of the building's water use patterns. The physical/chemical interaction that occurs



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JCB#: 16-34262

between the water and plumbing is referred to as corrosion. The extent of which corrosion occurs depends on various factors such as the lead content of the building's plumbing and piping system, water velocity, temperature, alkalinity, chlorine levels, the age and condition of plumbing, and the amount of time water is in contact with the plumbing.

Therefore, the critical issue is that even though your public water supplier may send you water that meets all Federal and State public health standards for lead, you may end up with too much lead in your drinking water because of the plumbing in your facility. The only way to be certain that lead is not a problem in your school building is to test various drinking water outlets (i.e., taps, bubblers, coolers, etc.) for the substance. That is why testing the water from your drinking water outlets for lead is so important.

In their revised technical document, <u>3Ts for Reducing Lead in Drinking Water in Schools</u> the EPA outlines a recommended guidance and testing protocol that can be used by schools to determine the source and degree of lead contamination problems in their school buildings and how to remedy such contamination. This strategy was utilized for the assessment and testing of the above referenced school buildings and included the following:

- The Development of a Plumbing Profile;
- The Development of a Sampling Plan;
- Conducting Initial and Follow-Up (Flush) Sampling and Analysis;
- Determination of Interim and Long-Term Remedies;
- Informing the School Community.

#### Development of a Plumbing Profile

The purpose of developing a plumbing profile is to target potential problems and assess the factors that can contribute to presence and extent of lead contamination in a school building. That is, determine whether the school building may have a widespread problem or a localized concern.

The plumbing profile performed included the answering of a series of questions by an informed school building representative. Typically the questionnaire is completed by the Director of Facilities, the district architect, or the district plumber. The responses to these questions assisted in determining how and where the water entered, flowed through the school building and identifying and prioritizing sampling sites. A sample copy of the plumbing profile questionnaire can be referenced in the attachments to this report.

Due to the age of the school buildings, the number of additions, historic repairs and the lack of specific information pertaining to the lead-content of the plumbing and associated fixtures, comprehensive information was not obtained from the questionnaire identifying if, or where lead-containing plumbing may exist in the school buildings' plumbing system. Therefore a sampling plan was prepared to assess all High Priority Water Outlets or outlets used for drinking or cooking within the school buildings.

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#### Development of a Sampling Plan

An inspection of all functional spaces located within the above referenced school buildings were performed to identify the locations of all high priority water. High priority water outlets are defined by the EPA as:

- Drinking fountains, both bubbler and water cooler style
- Kitchen sinks
- Classroom combination sinks and drinking fountains
- Home economic rooms sinks
- Teacher's lounge sink, nurse's office sink
- Classroom sinks in special education classrooms
- Or any other sinks known to be visibly used for consumption (for example, coffee maker or cups are nearby).

The location of these water outlets were demarcated on Site Location Maps which have been prepared for each school building. Copies of these maps can be referenced as an attachment of this report.

Detailed information pertaining to each outlet sampled was recorded on a chain of custody document at the time of the sampling. Unique sample identification numbers were assigned to each sample that correspond the school building's prepared site location map and chain of custody documents. The information recorded on the chain of custody forms included the type of sample collected, date and time of collection, name of the sample collector, location of the sample site and the name of the manufacturer that produced the outlet and the outlets' model number, if applicable and available. The manufacturer and model number information recorded about each of the water coolers servicing the school buildings were also compared to known water coolers that contain lead-lined tanks and or lead containing components.

Drinking water samples were collected for lead analysis utilizing the two-step process for lead contamination identification as described in the above referenced EPA document. This includes the collection of both "Initial 1st Draw" and "Follow-Up Flush" samples subsequent to meeting the recommended stagnation period. All samples were sealed immediately after collection and delivered to a certified laboratory, in laboratory provided coolers, for the analysis of lead content. A copy of the laboratory certifications can be referenced as an attachment to this report.

#### Initial and Follow-Up Flush Sampling

All "initial 1st draw samples" collected were analyzed for the presence of lead. Reported results were then compared to the established EPA action level of twenty parts per billion (20 ppb). If the reported level of lead in the initial first draw samples were at or below the action level, the water outlet was designated as satisfying the Federal guidelines for lead levels.

If the initial 1<sup>st</sup> draw sample's lead levels were above the action level, then further investigation and sampling was performed (including the analysis of the follow-up flush sample) in accordance with the EPA's Sampling Strategy Flowchart located in their guidance document.

Re: Lead in Water Sampling Levittown Union Free School District

**Sites: 14 District Buildings** 

JCB#: 16-34262

The following table summarizes the number of drinking water/high priority outlets sampled in each school building and their corresponding results. Detailed information pertaining to each water outlet sampled and their specific laboratory results can be referenced on the chain of custody and laboratory results located in the attachments.

School Building	Drinking Water Outlets Sampled	Locations which Exceeded EPA Action Level
Division Avenue High School	30	Map location 2: Fountain in hallway between rooms 134 and 114 Map location 6: Fountain in hallway by room 216 Map location 12: Fountain in hallway by computer lab 143
Macarthur High School	33	NONE
G.R. Claps Career & Tech Center (Levittown Memorial Education Center)	29	Map location 3: Fountain in hallway by room 13 Map location 13: Faucet in kitchen Map location 18: Faucet in superintendent office conference room Map location 19: Fountain in hallway by superintendent office reception Map location 23: Fountain in hallway by room 309 Map location 24: Fountain in auditorium lobby Map location 26: Fountain in hallway by room 209 wood
Salk Middle School	35	NONE
Wisdom Lane School	40	Map Location 3: Hallway Fountain Near Room 304 Map Location 5: Hallway Fountain Near Boys Locker Room Map Location 6: Fountain in Boys Locker Room Map Location 18: Hallway Fountain Near Room 330 Map Location 30: Faucet in Room 103A Office
Abbey Lane Elementary School	23	Map location 3: Faucet in kitchen Map location 22: Fountain in hallway by 1044
East Broadway School	26	NONE
Gardiners Avenue School	21	Map location 11: Faucet in faculty room 301
Laurel Lane Elementary School	10	Map location 3: Fountain in classroom 104
Lee Road School	20	NONE
Northside Elementary School	40	NONE
Summit Lane Elementary School	22	NONE
Seamen's Neck Middle School	10	NONE
Little Red School	8	NONE

JCB#: 16-34262

#### **Interim and Long-Term Remediation**

Each of the above referenced outlets which exceeded the action level have been removed from service until further investigation, remediation, and or retesting is completed.

In addition to the locations identified above, fifteen (15) other locations revealed concentrations of lead between fifteen (15) and twenty (20) parts per billion. Although these concentrations are below the EPA Action Level there is concern that potential upcoming New York State regulations may expand to include this criteria. Therefore, the school district has elected to remove these fixtures from service for further investigation, remediation, and or retesting.

For all active water outlets, it is recommended that the district perform routine control measures including, but not limited to:

- Maintain all drinking water outlets, screens/aerators, and any associated filters
- Develop flushing program for extended non-use
- Use only cold water for food and beverage preparation
- Instruct users to run the water before use or drinking
- Communicate with building occupants the non-potable locations such as faucets in classrooms, bathrooms, and custodial areas indicating that water should not be consumed

For more information pertaining to these control measures, please reference the EPA's guidance document entitled "Drinking Water Best Management Practices for Schools and Child Care Facilities Served by Municipal Water Systems."

#### <u>Informing the Public</u>

EPA recommends that schools conducting lead-in-drinking-water sampling programs comply with the public information components of the Lead Contamination Control Act. There are two components:

- 1. Notify relevant parent, teacher, student, and employee organizations of the availability of your sampling program results, and
- 2. Make copies of the sampling results available in your administrative offices "for inspection by the public, including teachers, other school personnel and parents."

Given the health effects of lead, EPA advocates that any school conducting sampling for lead make public any test results. In addition, such schools should identify activities they are pursuing to correct any lead problems.

There are six (6) basic public notification methods recommended by the EPA that should be applied alone, or in combination, to communicate lead-in-drinking-water issues and the meaning of your sampling results. The method(s) that best suits the school districts particular situation should be chosen and can include:

- Press Releases
- Letters/Fliers
- Mailbox or Paycheck Stuffers

JCB#: 16-34262

- Staff Newsletters
- Presentations, or
- Email and Web Sites.

Advice, suggestions and samples to assist in the public notification process is available from the EPA in their 3Ts for Reducing Lead in Drinking Water in Schools. This publication is available online in the EPA's website.

It should be noted that this sampling was performed in accordance with current guidelines. Should the guidelines change, or legislation dictate other criteria, these results may need to be reevaluated. If you need any further assistance, please feel free to contact our office.

Sincerely,

**Edward McGuire** 

J.C. Broderick & Associates, Inc.

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## Attachment 1

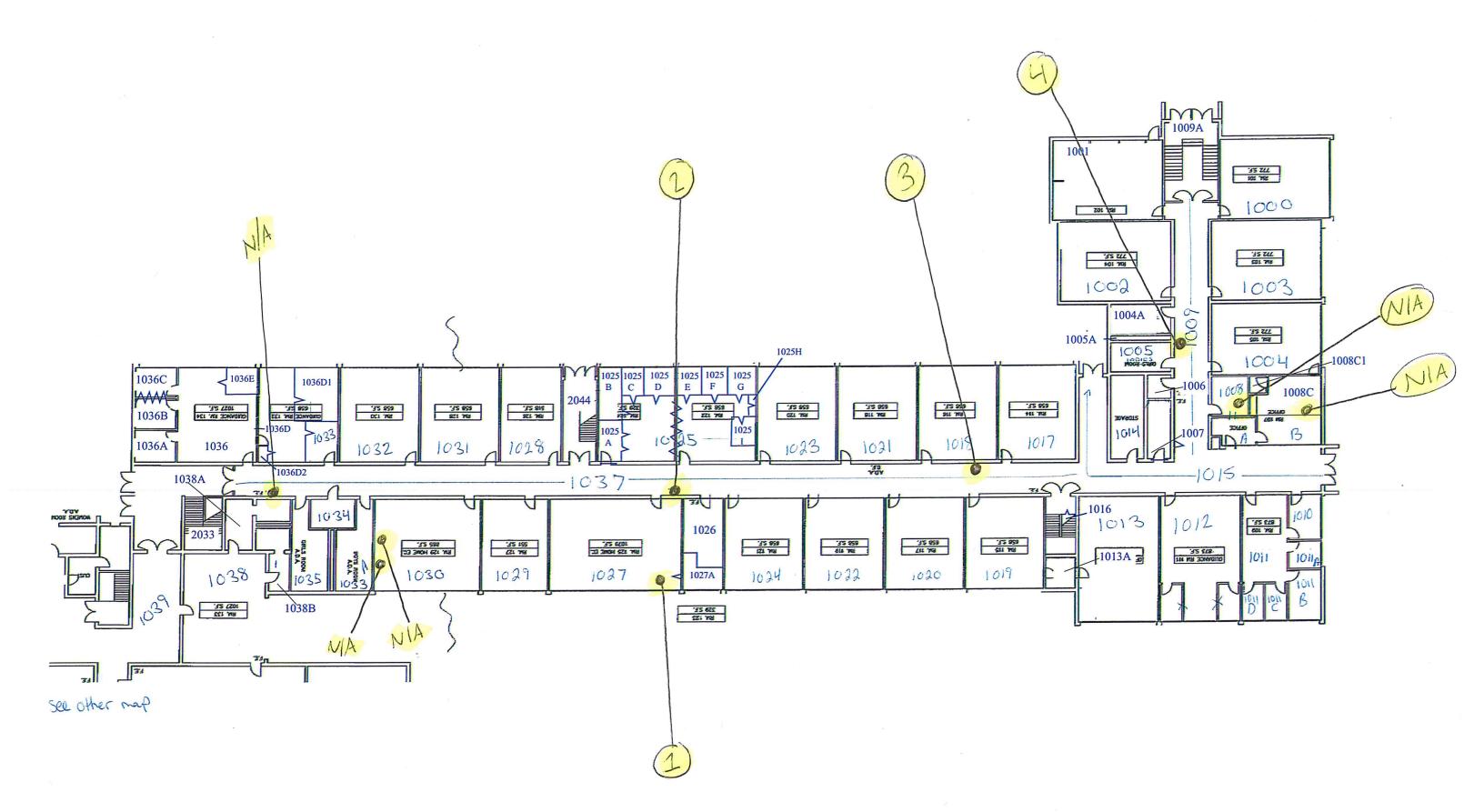
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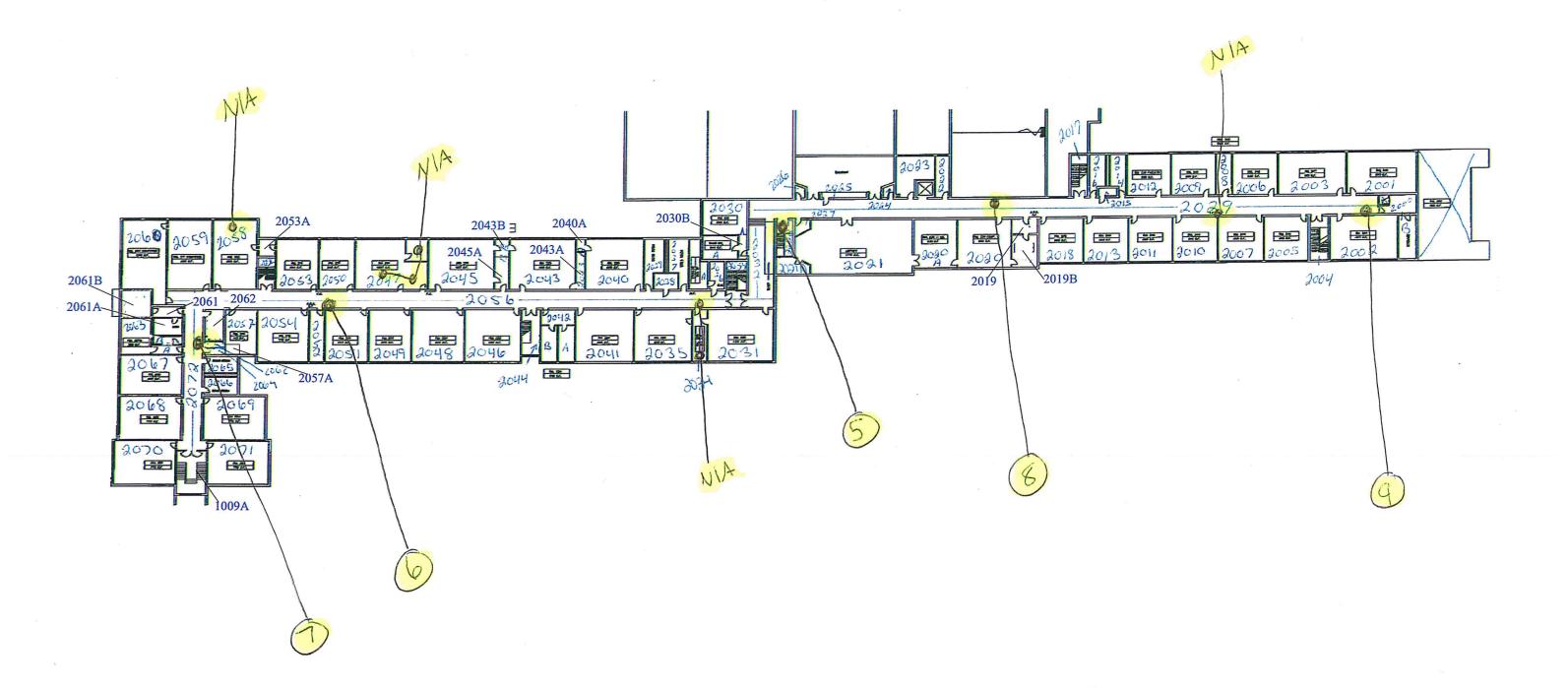


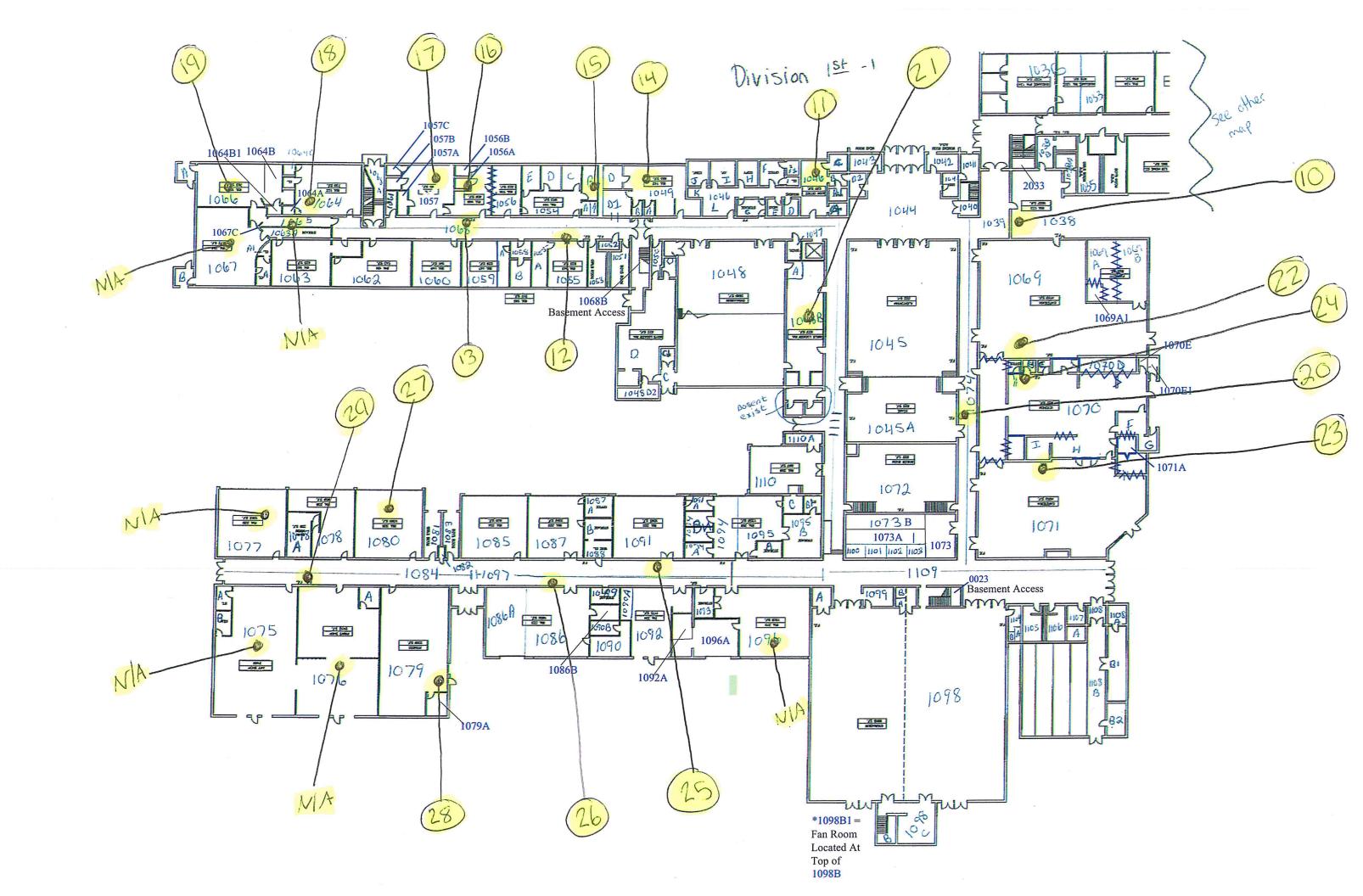
Environmental Consulting & Testing 1775 Expressway Drive North Hauppauge, New York 11788 631.584.5492 fax 631.584.3395

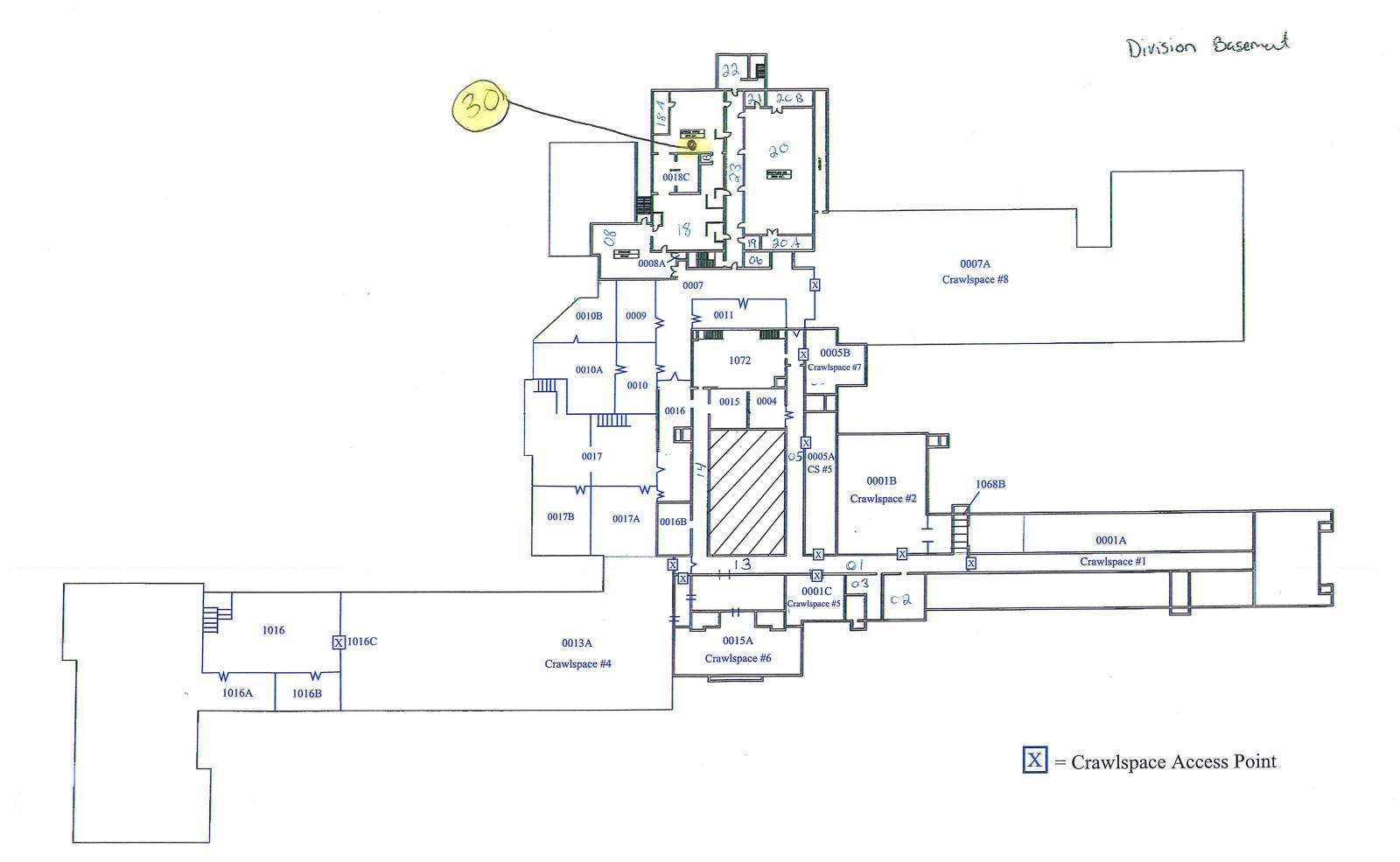


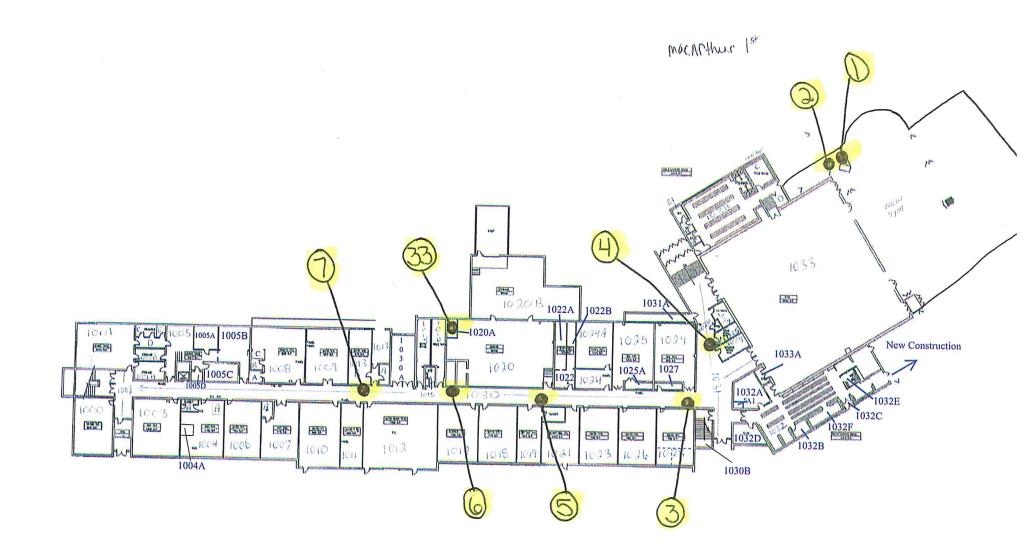
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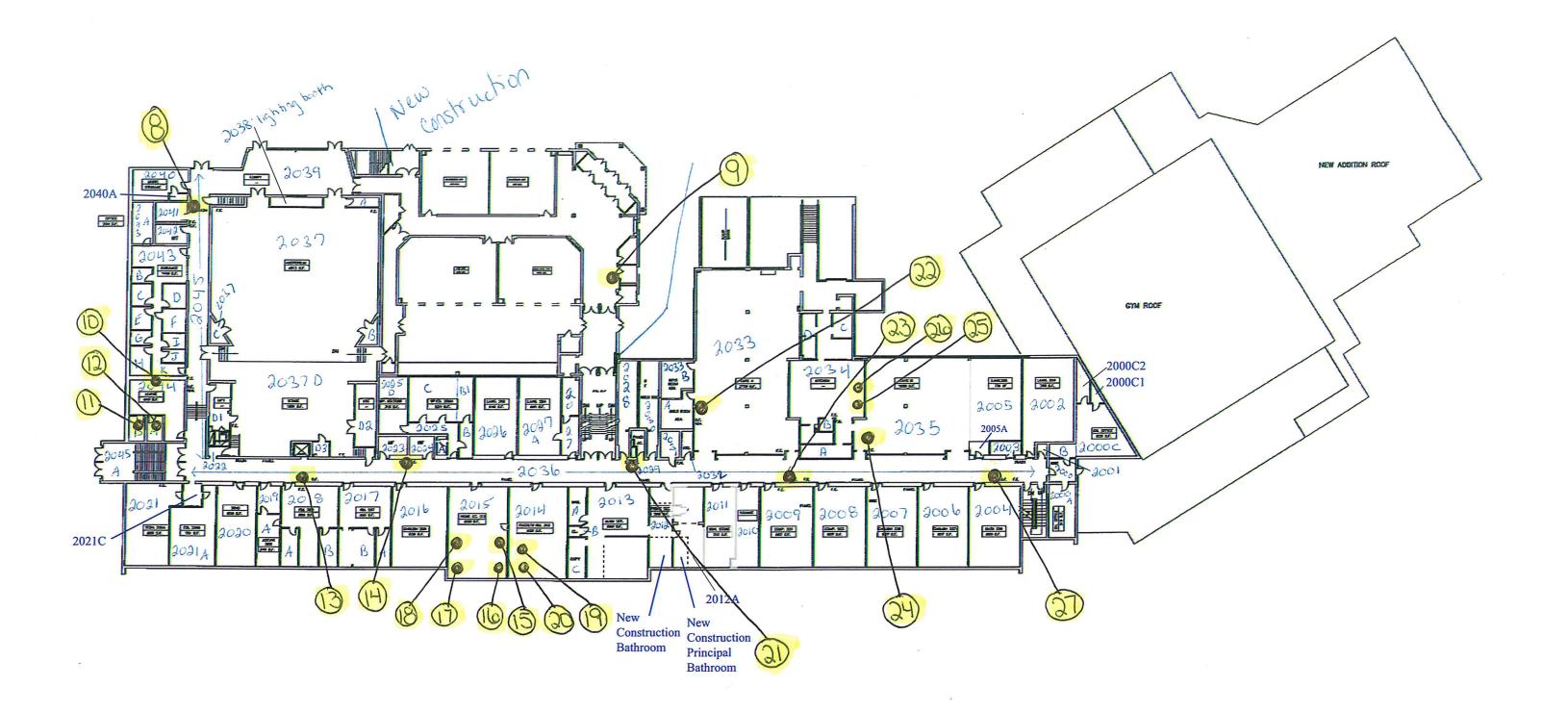


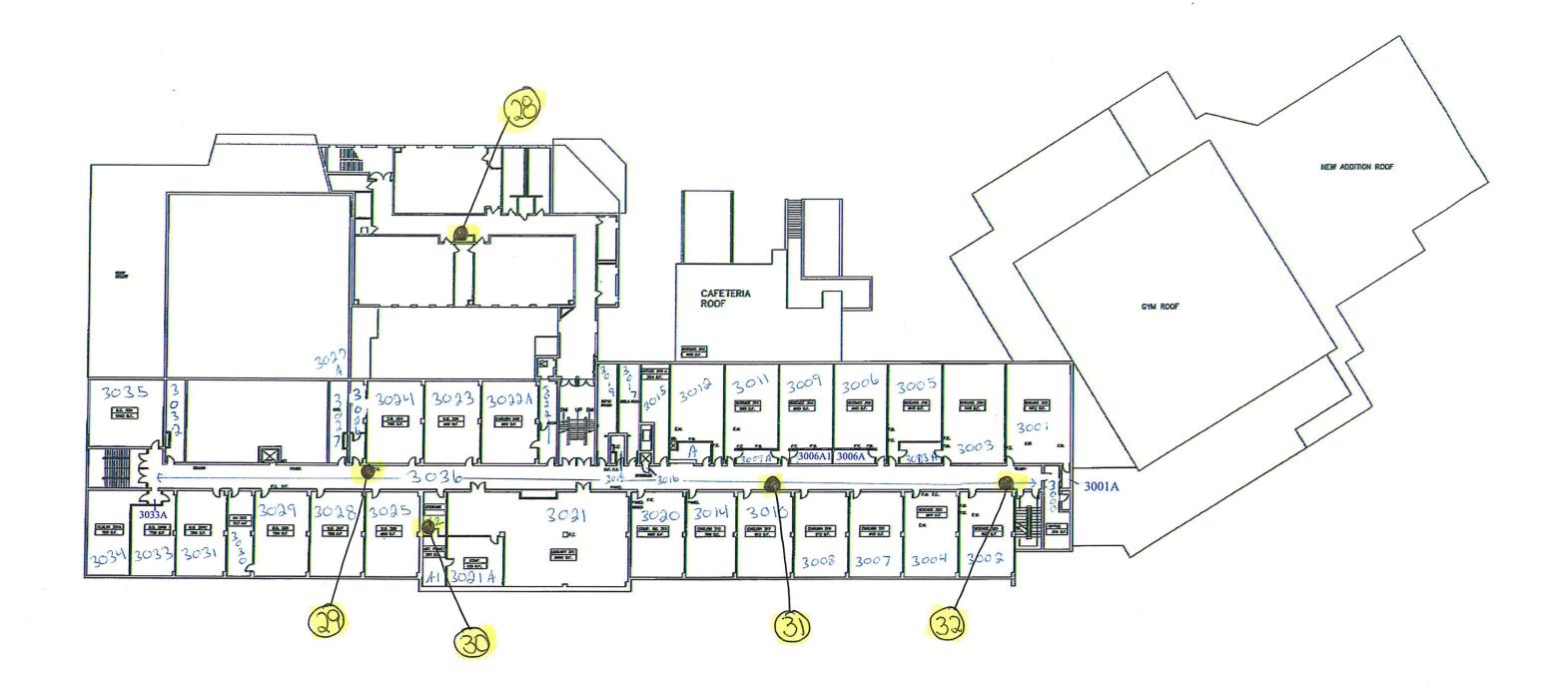


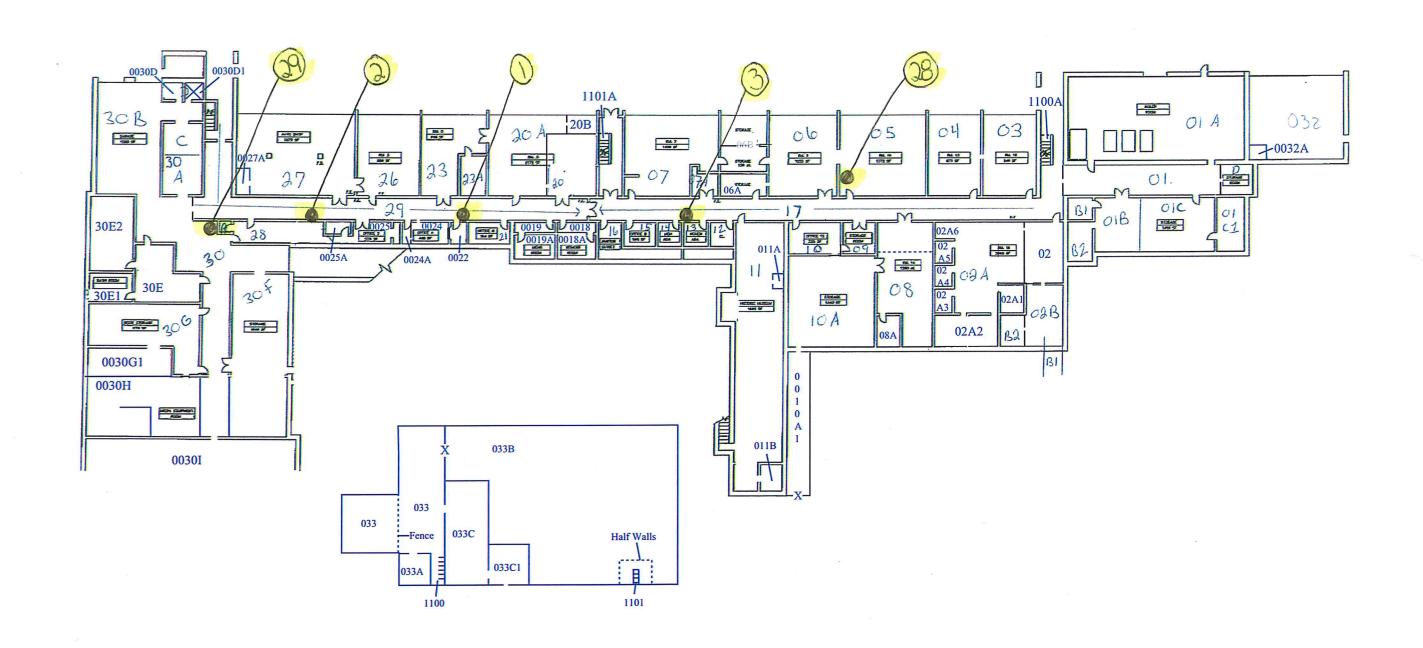


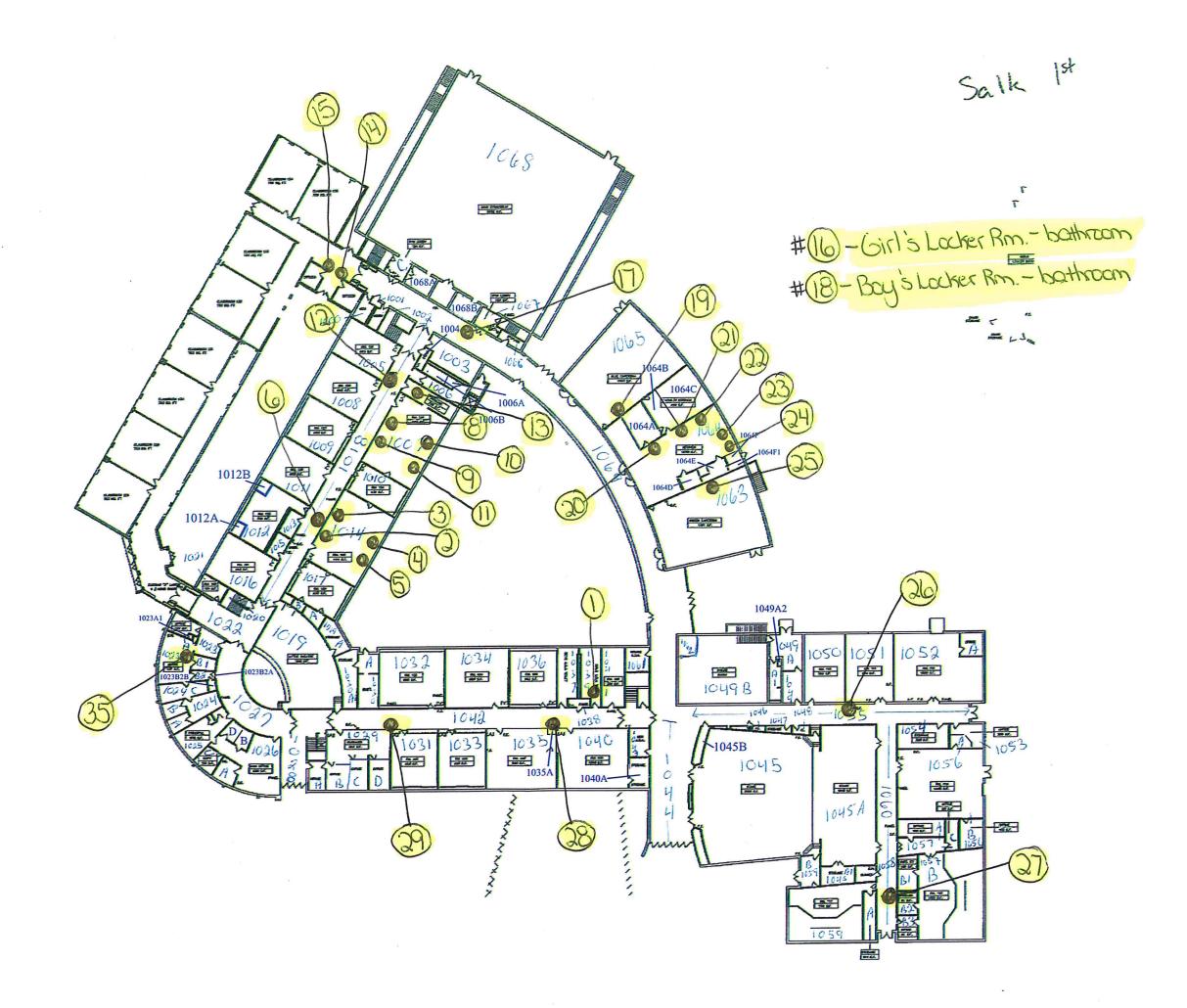


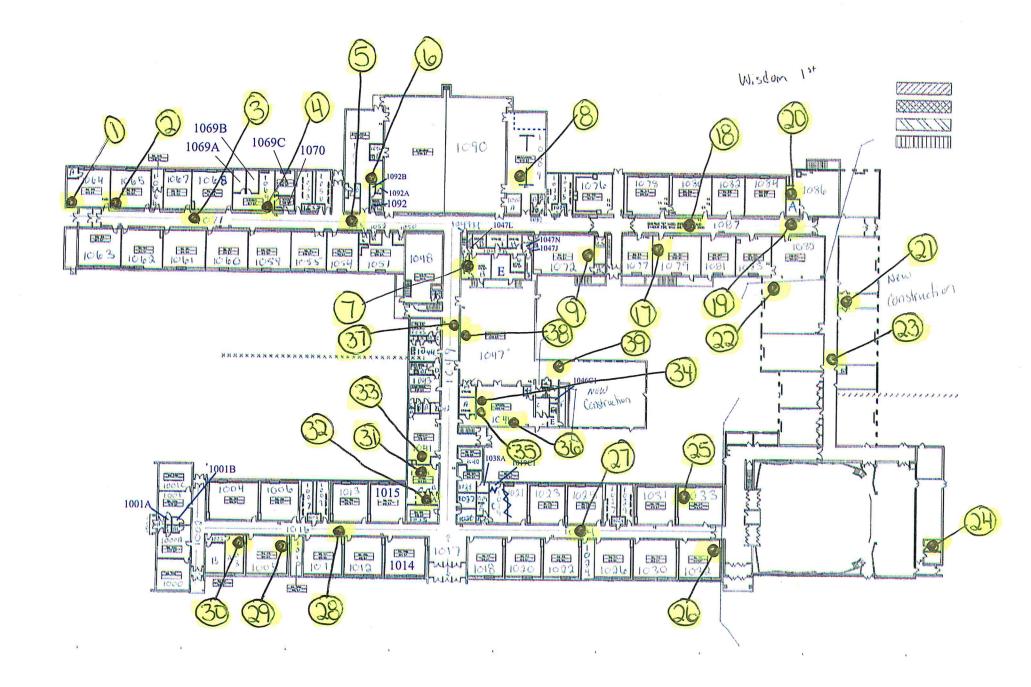


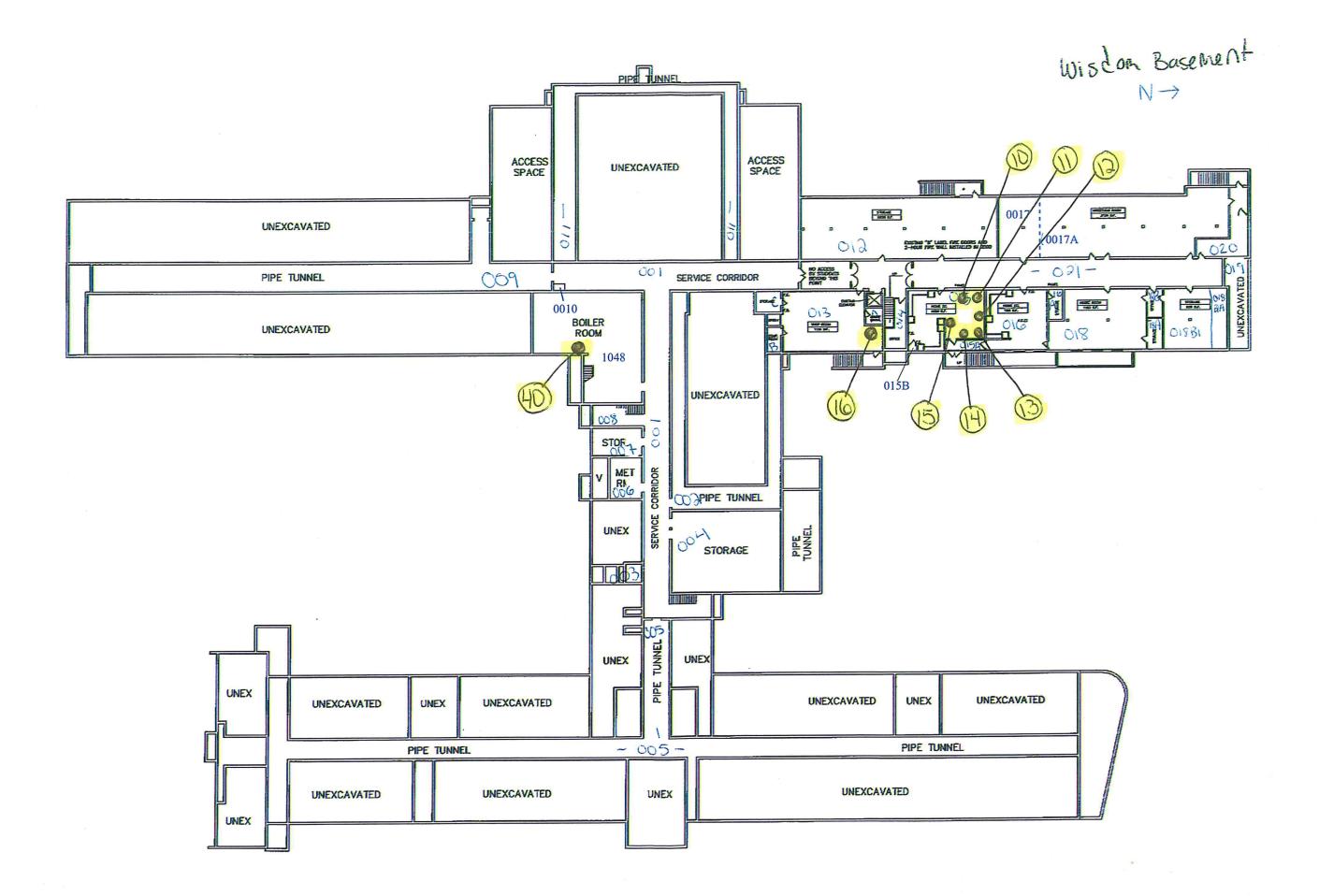




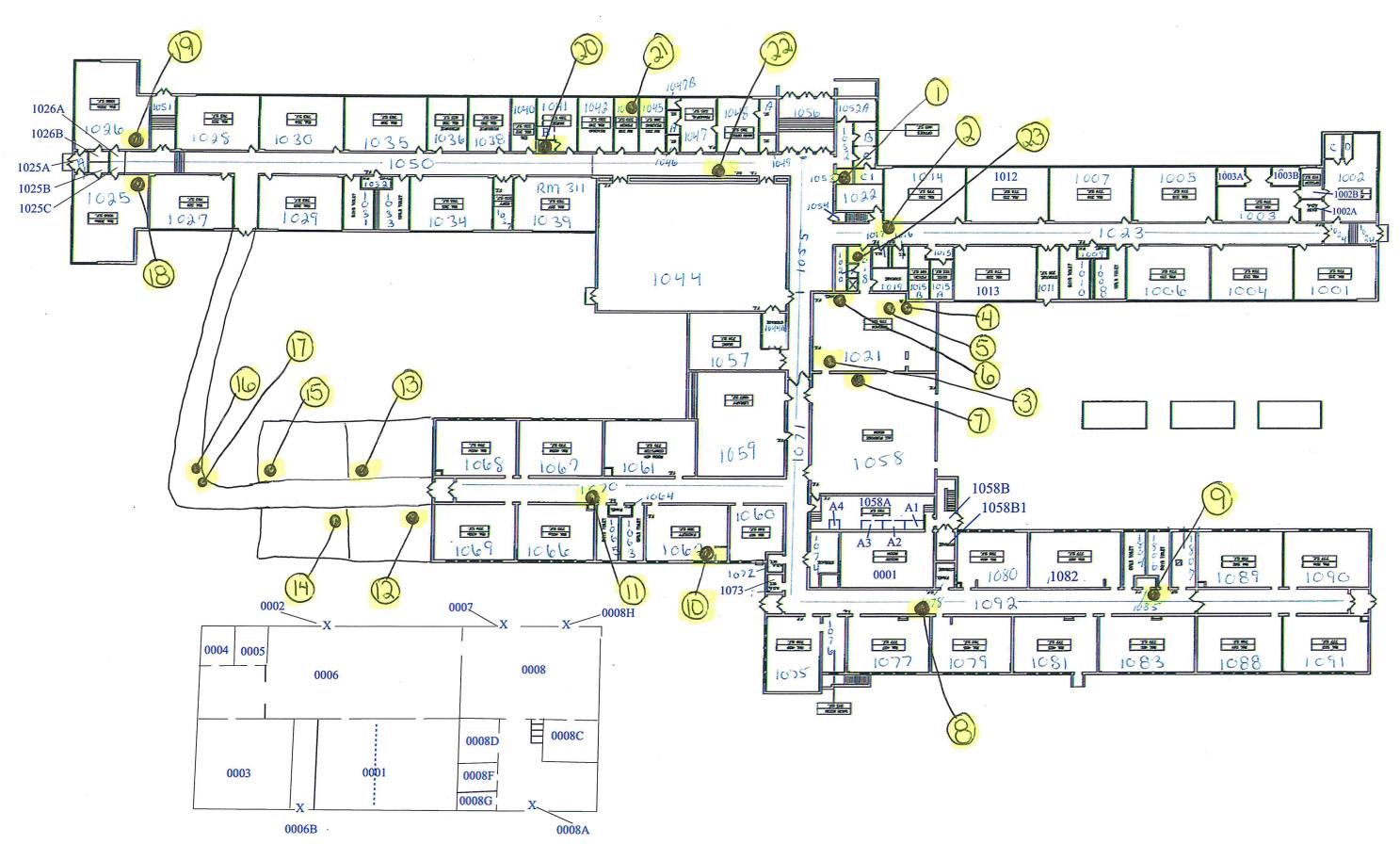


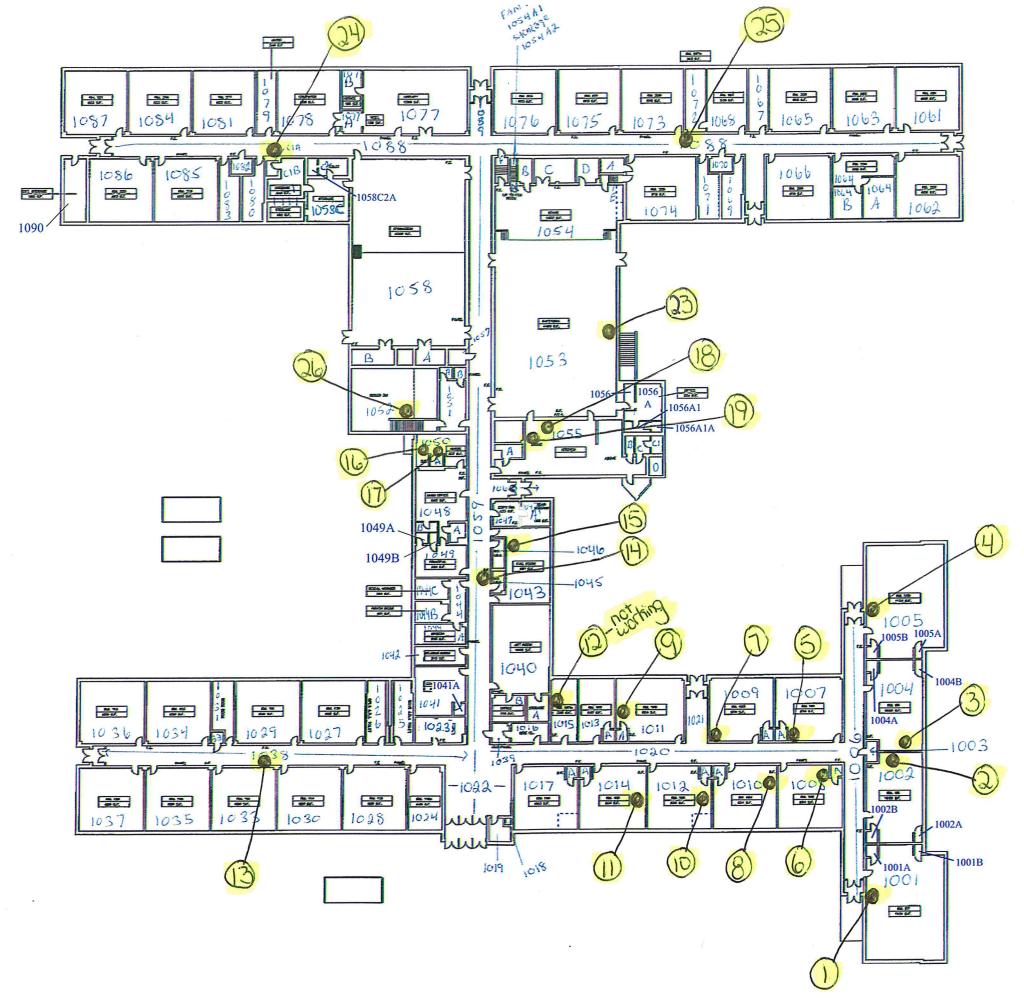


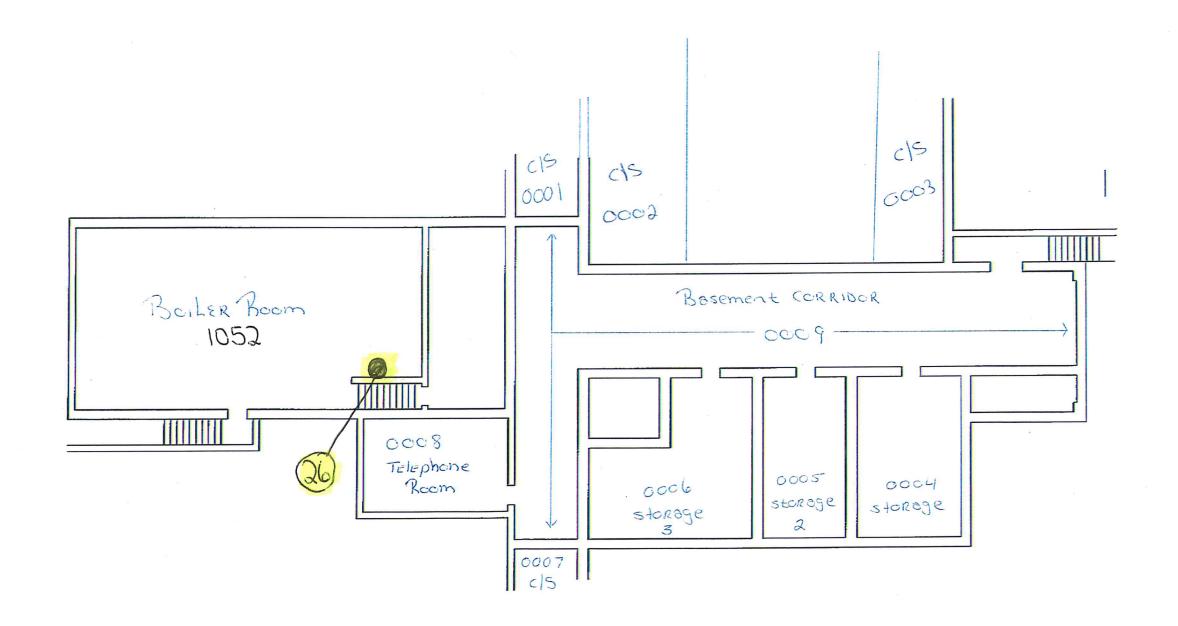


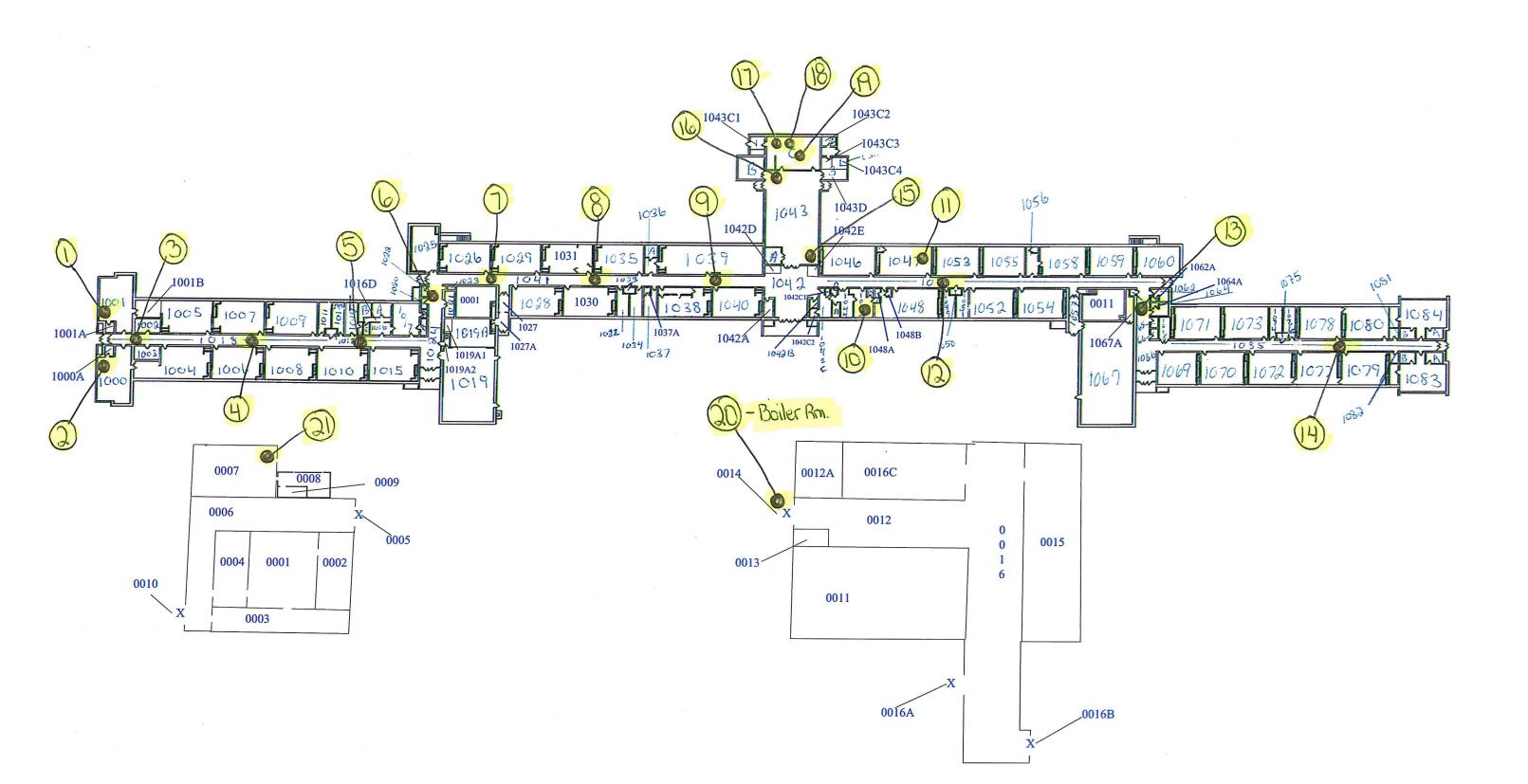


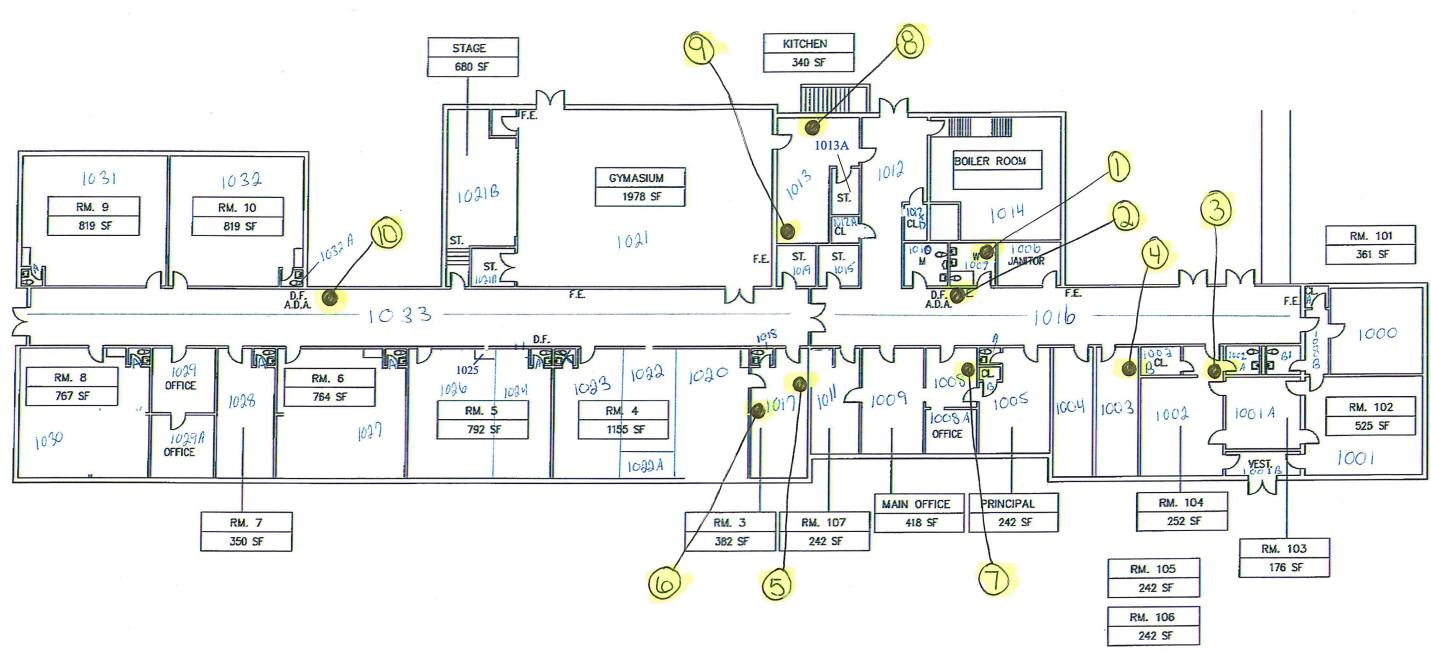
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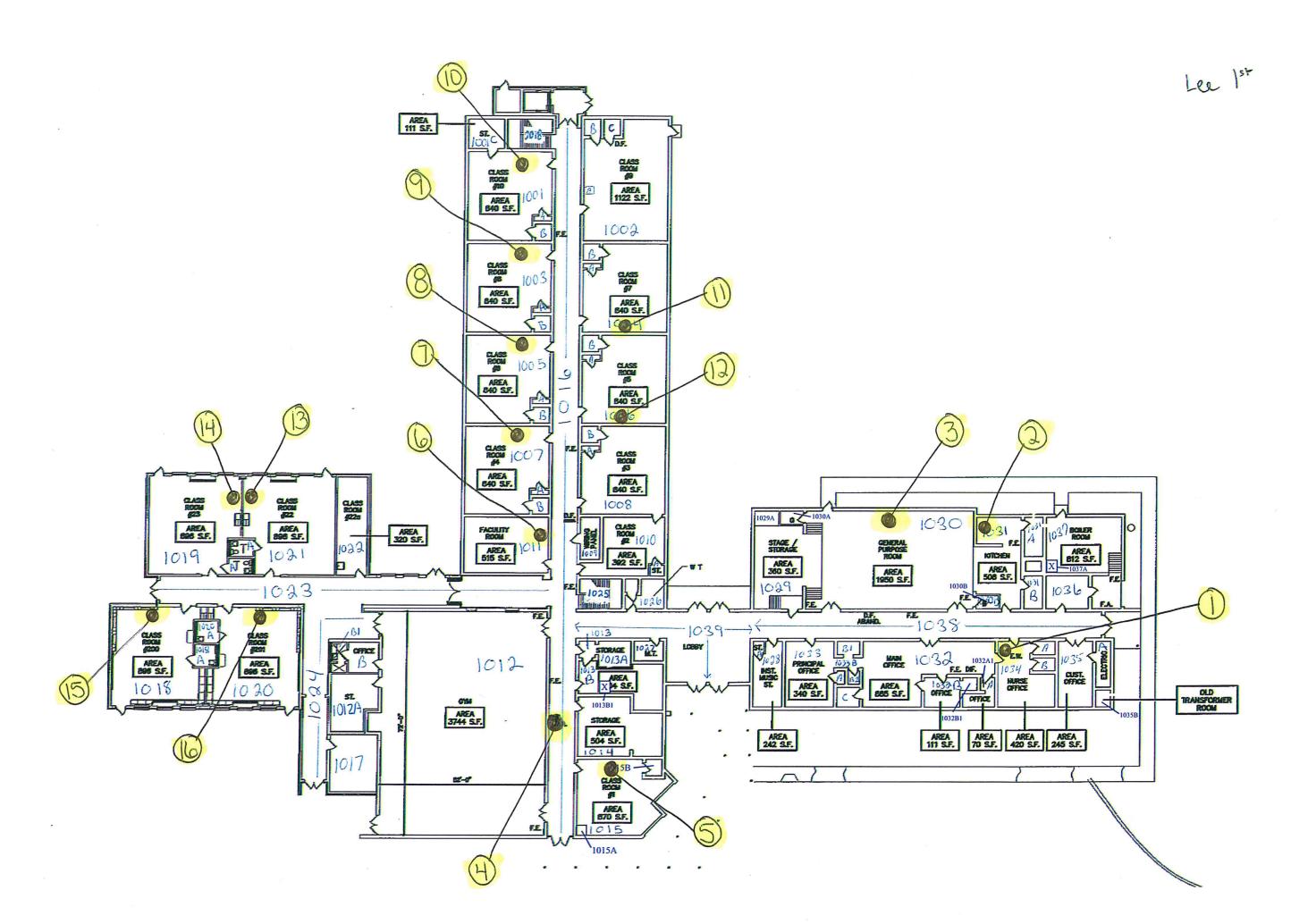


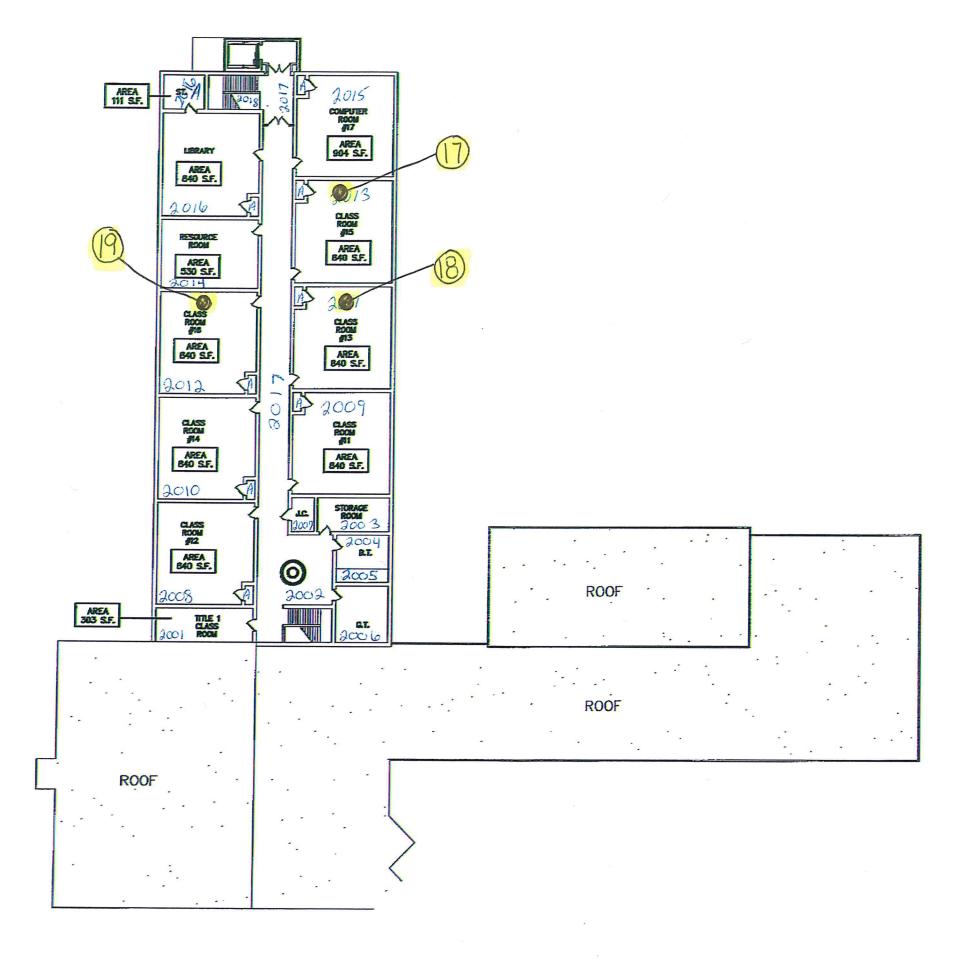


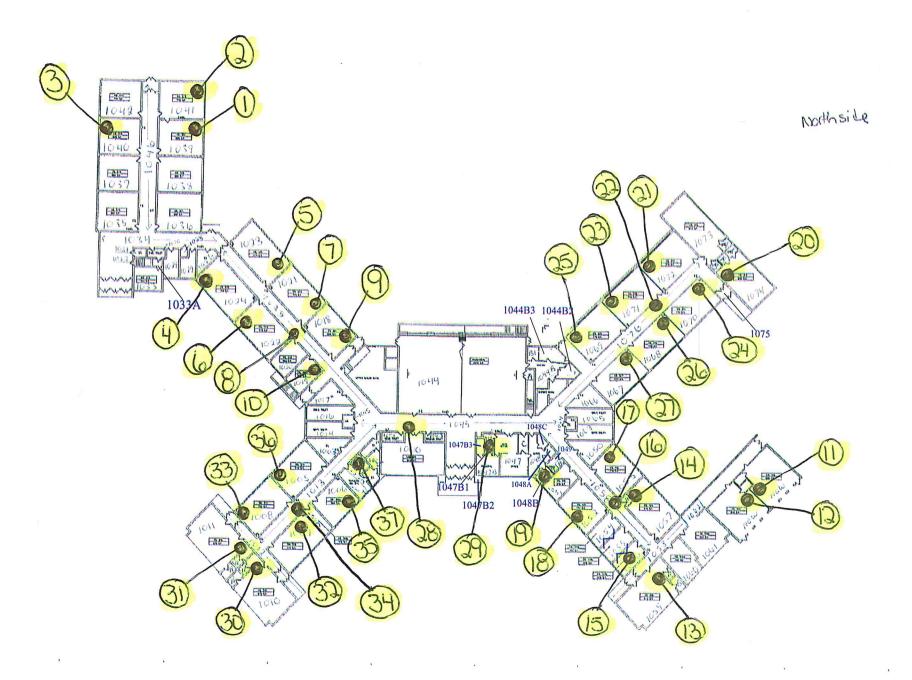


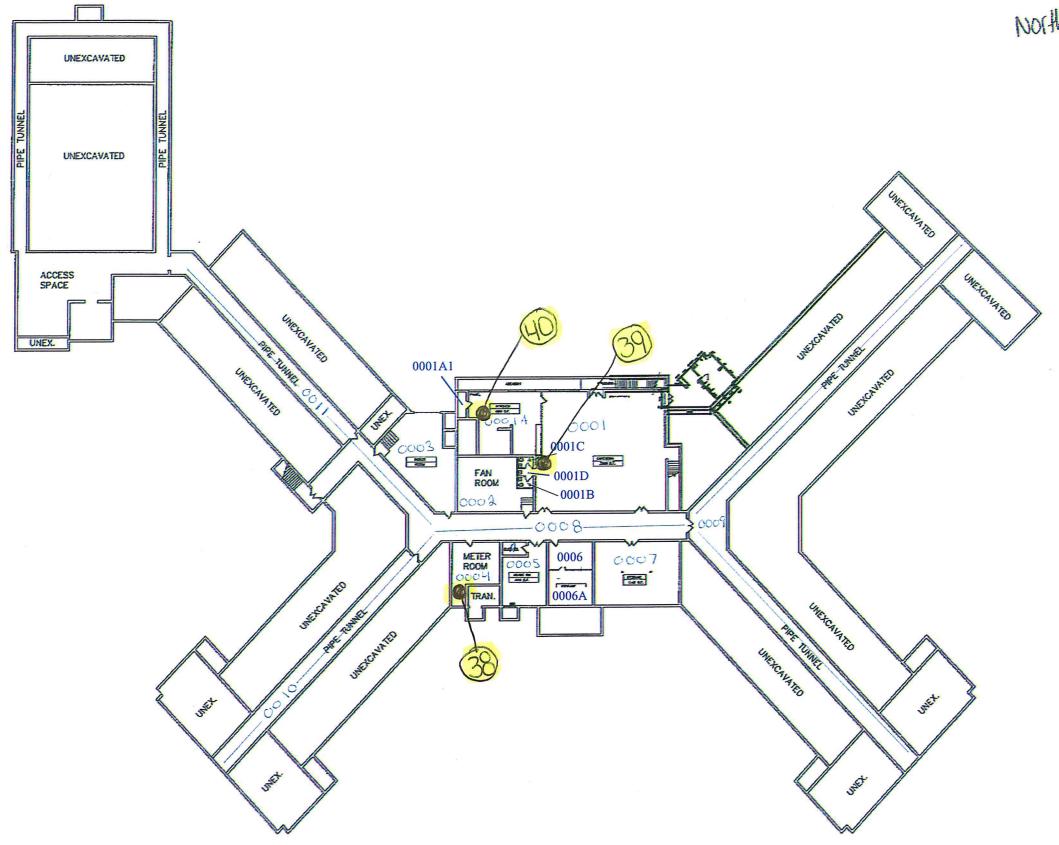


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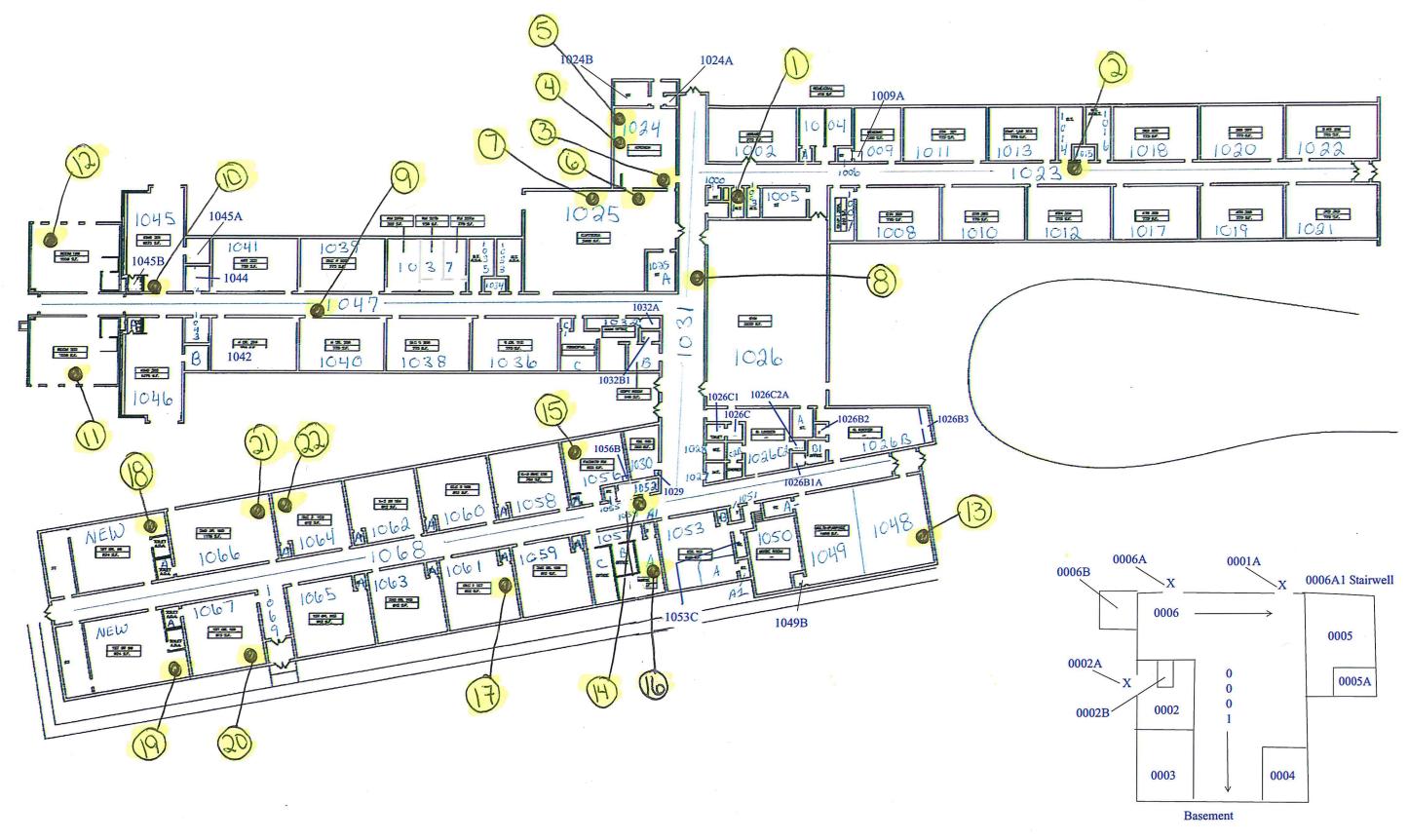


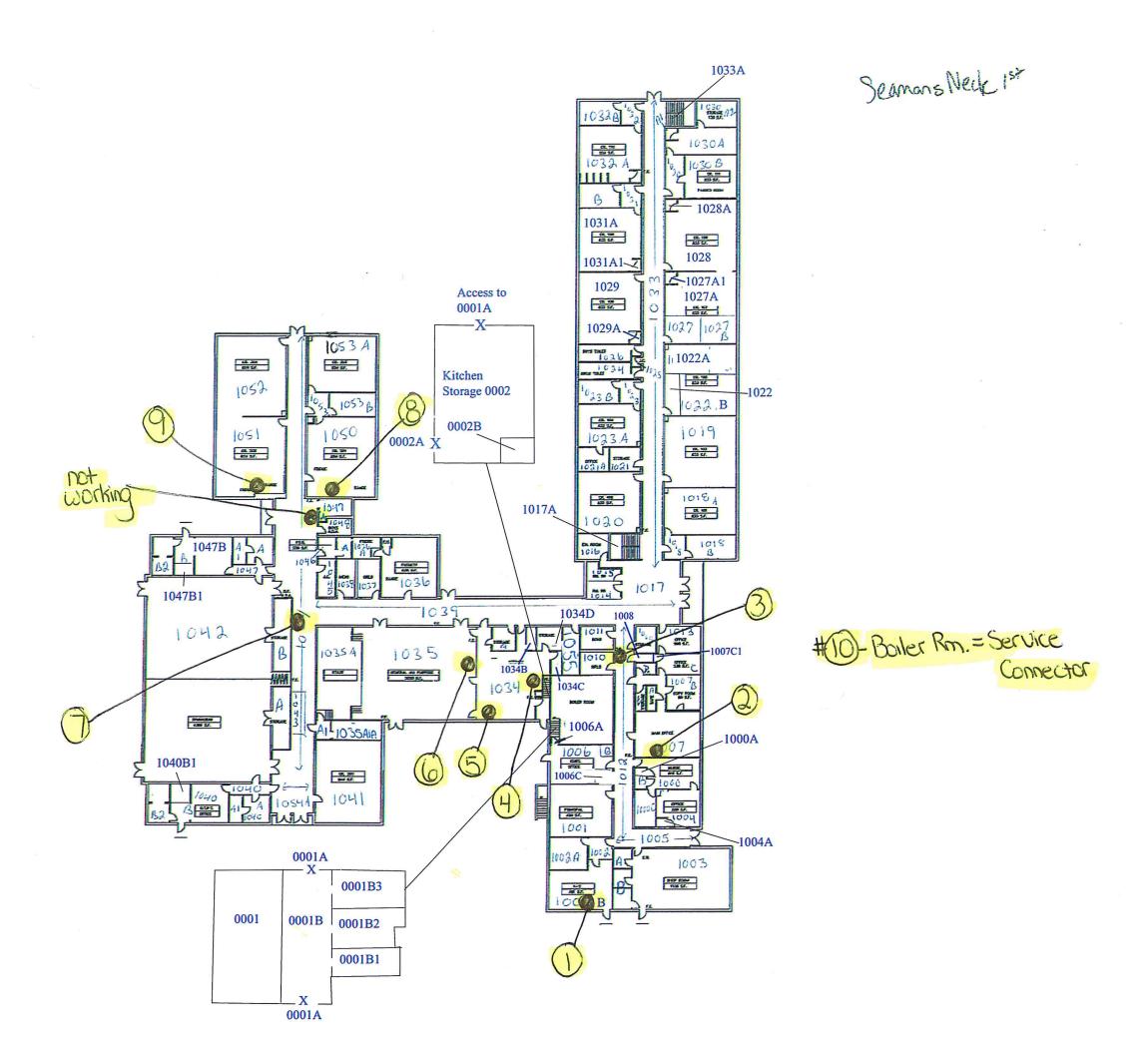


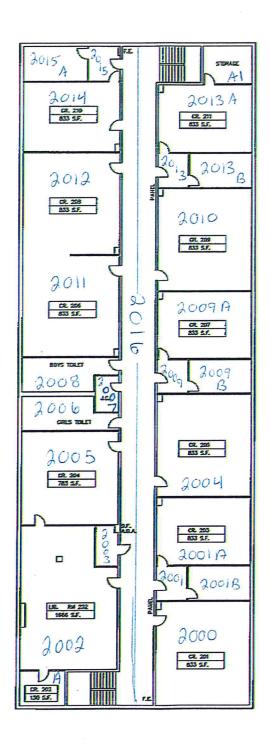




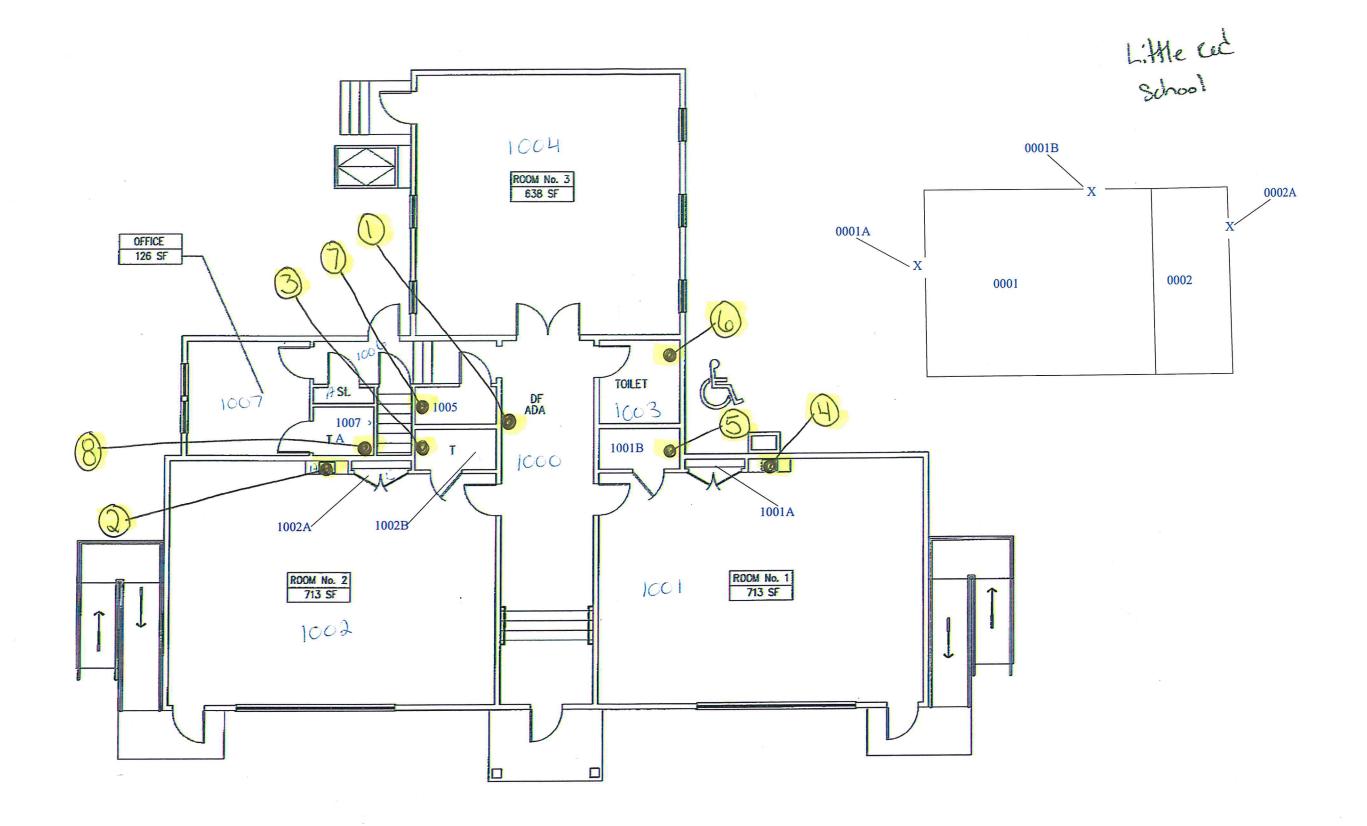
Summit Ln 1st







\* no samples taken.



# Attachment 2

# Laboratory Analytical Reports

# J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing 1775 Expressway Drive North Hauppauge, New York 11788 631.584.5492 fax 631.584.3395



Tuesday, August 09, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: 16-34262 DHS

Sample ID#s: BN86423, BN86425 - BN86427, BN86429, BN86431, BN86433 - BN86435,

BN86437, BN86439, BN86441, BN86443, BN86445 - BN86447, BN86449, BN86451 - BN86452, BN86454, BN86456, BN86458, BN86460, BN86462, BN86464 - BN86466, BN86468, BN86470, BN86472 - BN86475, BN86477 -

**BN86478** 

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.

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 #MA-CT-007

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

VT Lab Registration #VT11301







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:05
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86423

Project ID: 16-34262 DHS

Client ID: 1 PHS 01 CR IN 1027 EC 1P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.017	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 1 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:07
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "By" below		

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

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86425

Project ID: 16-34262 DHS

Client ID: 2 DHS 01 HA BY 1037 DW 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.325	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 2 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:07
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
D -1 D	Ota - Jan-I	A I I I			

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

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86426

Project ID: 16-34262 DHS

Client ID: 2 DHS 01 HA BY 1037 DW 2F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.058	0.001	1	mg/L	0.015		08/09/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/08/16	CB/AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Page 3 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:09
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86427

Project ID: 16-34262 DHS

Client ID: 3 DHS 01 HA BY 1019 DW 3P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.015 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 4 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:13
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Bv" below		

\_aboratory Data SDG ID: GBN86423

Phoenix ID: BN86429

16-34262 DHS Project ID:

Client ID: 4 DHS 01 HA BY 1004 DW 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.017	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 5 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:15
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86431

Project ID: 16-34262 DHS

Client ID: 5 DHS 02 HA BY 2012 DW 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.017	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 6 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:18
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Duck Decuses	Ctondord	A a l a l la	IID II I I.		

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

P.O.#:

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86433

Project ID: 16-34262 DHS

Client ID: 6 DHS 02 HA BY 2051 DW 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.034	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 09, 2016

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# Environmental Laboratories, Inc.

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

**Analysis Report** 

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/03/167:18Location Code:JC-BRODReceived by:LB08/04/1616:11

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

P.O.#:

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86434

Project ID: 16-34262 DHS

Client ID: 6 DHS 02 HA BY 2051 DW 6F

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.013 0.001 mg/L 0.015 08/09/16 E200.5 Completed 08/08/16 CB/AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 09, 2016

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Page 8 of 35 Ver 1







SDG ID: GBN86423

Phoenix ID: BN86435

# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:22
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Project ID: 16-34262 DHS
Client ID: 7 DHS 02 HA BY 2067 DW 7P

RL/ DW Sec Parameter Result **PQL** DIL Units **MCL** Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 08/05/16 E200.5 Completed 08/04/16 TH/AG/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 9 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ation at ion	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:24
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Duch Doguceti	Ctondord	Analyzad by	and IID: III hala		

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

Laboratory Data
SDG ID: GBN86423
Phoenix ID: BN86437

Project ID: 16-34262 DHS

Client ID: 8 DHS 02 HA BY 2020 DW 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

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Page 10 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:26
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86439

Project ID: 16-34262 DHS

Client ID: 9 DHS 02 HA BY 2002 DW 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

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August 09, 2016

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Page 11 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:30
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86441

Project ID: 16-34262 DHS

Client ID: 10 DHS 01 CR IN 1038 CF 10P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	nation_	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:32
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Puch Poquect:	Standard	Applyzed by:	ooo "Dy" bolow		

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86443

Project ID: 16-34262 DHS

Client ID: 11 DHS 01 FA IN 1046 CF 11P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:35
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Ry" below		

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86445

Project ID: 16-34262 DHS

Client ID: 12 DJS 01 HA BY 1055 DW 12P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.027	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

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Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 14 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Informa	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:35
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

P.O.#:

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86446

Project ID: 16-34262 DHS

Client ID: 12 DJS 01 HA BY 1055 DW 12F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.013 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK CB/AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:37
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Buch Boguest	Standard	Analyzad by	and "Du" balani		

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

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86447

Project ID: 16-34262 DHS

Client ID: 13 DHS 01 HA BY 1060 DW 13P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.018	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/	z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 16 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:39
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Duck Deguest	Ctondord	A maluma al leur			

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

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86449

Project ID: 16-34262 DHS

Client ID: 14 DHS 01 NO IN 1049 NS 14P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.004 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Page 17 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:40
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Duck Decuses	Ctondord	A a l a l la			

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

P.O.#:

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86451

Project ID: 16-34262 DHS

Client ID: 15 DHS 01 CR IN 1054 IN 15P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 18 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:40	
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11	
Durale Danissati	Otanaland	A	"B " I I			

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

P.O.#:

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86452

Project ID: 16-34262 DHS

Client ID: 16 DHS 01 CR IN 1055 EC 16P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 09, 2016

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# Environmental Laboratories, Inc.

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

**Analysis Report** 

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/03/167:42Location Code:JC-BRODReceived by:LB08/04/1616:11

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

P.O.#:

Laboratory Data

SDG ID: GBN86423

Phoenix ID: BN86454

Project ID: 16-34262 DHS

Client ID: 17 DHS 01 CR IN 1057 EC 17P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.014 0.001 mg/L 0.015 08/05/16 E200.5 Completed 08/04/16 TH/AG/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 09, 2016

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# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:44
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

<u>Laboratory Data</u> SDG ID: GBN86423

Phoenix ID: BN86456

Project ID: 16-34262 DHS

Client ID: 18 DHS 01 CR IN 1064 EC 18P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 sFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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**Analysis Report** 

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/03/167:45Location Code:JC-BRODReceived by:LB08/04/1616:11

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

P.O.#:

\_aboratory Data

SDG ID: GBN86423

Phoenix ID: BN86458

Project ID: 16-34262 DHS

Client ID: 19 DHS 01 CR IN 1066 EC 19P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.004 0.001 mg/L 0.015 08/05/16 E200.5 Completed 08/04/16 TH/AG/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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**Analysis Report** 

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/03/167:47Location Code:JC-BRODReceived by:LB08/04/1616:11

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

P.O.#:

Laboratory Data SD

SDG ID: GBN86423

Phoenix ID: BN86460

Project ID: 16-34262 DHS

Client ID: 20 DHS 01 HA BY 1045A DW 20P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.002 0.001 mg/L 0.015 08/05/16 E200.5 Completed 08/04/16 TH/AG/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

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# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation	<u>Custody Information</u> <u>Da</u>			
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:48
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86462

Project ID: 16-34262 DHS

Client ID: 21 DHS 01 GL IN 1048B DW 21P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 BFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 24 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:50
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86464

Project ID: 16-34262 DHS

Client ID: 22 DHS 01 CA IN 1069 WC 22P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 FE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 25 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:50
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

P.O.#:

Laboratory Data

SDG ID: GBN86423 Phoenix ID: BN86465

Project ID: 16-34262 DHS

Client ID: 22 DHS 01 CA IN 1069 WC 23P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 sFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

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August 09, 2016

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Page 26 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	<u>Date</u>	<u>Time</u>		
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:52
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

SDG ID: GBN86423 aboratory Data Phoenix ID: BN86466

16-34262 DHS Project ID:

Client ID: 24 DHS 01 KI IN 1070 KC 24P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/I	E200.5 BFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 09, 2016

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Page 27 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informa	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:55
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86468

Project ID: 16-34262 DHS

Client ID: 25 DHS 01 HA BY 1091 DW 25P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/B	E200.5 FE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 09, 2016

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# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	stody Information <u>Date</u>		<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:57
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Durch Danisanti	Otamalanal	A	"B " ' '		

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

<u>Laboratory Data</u>

SDG ID: GBN86423 Phoenix ID: BN86470

Project ID: 16-34262 DHS

Client ID: 26 DHS 01 HA BY 1086 DW 26P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.016	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/04/16	TH/AG/E	BFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 29 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:59
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Ry" below		

Rush Request:

SDG ID: GBN86423 aboratory Data

Phoenix ID: BN86472

16-34262 DHS Project ID:

Client ID: 27 DHS 01 CR IN 1080 CF 27P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.257	0.001	1	mg/L	0.015		08/05/16	LK	E200.5
*** Lead exceeds MCL levels ***									
Total Metal Digestion	Completed						08/04/16	TH/AG/E	BFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 30 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	7:59
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Rush Request:	Standard	Analyzed by:	see "Ry" below		

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86473

Project ID: 16-34262 DHS

Client ID: 27 DHS 01 CR IN 1080 CF 27F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.354	0.001	1	mg/L	0.015		08/09/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/08/16	CB/AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

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Page 31 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information	<u>tion</u>	Custody Informa	ation_	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	8:04
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86474

Project ID: 16-34262 DHS

Client ID: 28 DHS 01 GY IN 1079 WC 28P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 BFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

# **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

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Page 32 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>iion</u>	Custody Inform	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	8:06
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86423

Phoenix ID: BN86475

Project ID: 16-34262 DHS

Client ID: 29 DHS 01 HA BY 1084 DW 29P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 sFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 33 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	8:10
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86477

Project ID: 16-34262 DHS

Client ID: 30 DHS BS BO IN 38100 SC 30P1

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.010 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 BFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 34 of 35 Ver 1







# **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Informa	<u>ition</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/03/16	8:13
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

P.O.#:

Laboratory Data SDG ID: GBN86423

Phoenix ID: BN86478

Project ID: 16-34262 DHS

Client ID: 30 DHS BS BO IN 38100 SC 30P2

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/05/16 08/04/16	LK TH/AG/E	E200.5 FE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 35 of 35 Ver 1



# Environmental Laboratories, Inc.



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

QA/QC Report

August 09, 2016

QA/QC Data

SDG I.D.: GBN86423

Darameter	Blank	Blk	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Parameter	-										KFD	LIIIIII	Lillins
QA/QC Batch 354978A (mg/L),	QC San	nple No	: BN8639	6 (BN86	426, BN	N86434	I, BN864	146, BN	86473)				
ICP Metals - Aqueous													
Lead	BRL	0.001				104			101			85 - 115	20
Comment:													
Additional: LCS acceptance range			•	Ü									
QA/QC Batch 354715 (mg/L), Q	C Samp	ole No:	BN86415	(BN864	23, BN8	36425,	BN8642	27, BN8	6429, E	3N8643	1, BN8	6433)	
ICP Metals - Aqueous													
Lead	BRL	0.001	0.005	0.005	0	98.8			96.2			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354715A (mg/L), BN86449, BN86451, BN86452)	QC San	nple No	: BN8643	5 (BN86	435, BN	N86437	, BN864	139, BN	86441,	BN864	43, BN	186445,	BN86447,
ICP Metals - Aqueous													
Lead	BRL	0.001				98.8			95.4			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354716 (mg/L), Q BN86466, BN86468, BN86470)	C Samp	ole No:	BN86454	(BN864	54, BN8	36456,	BN8645	8, BN8	6460, E	3N8646	2, BN8	6464, B	N86465,
ICP Metals - Aqueous													
Lead	BRL	0.001	0.014	0.013	7.40	91.9			93.9			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354716A (mg/L),	QC San	nple No	: BN8647	2 (BN86	472, BN	N86474	I, BN864	175, BN	86477,	BN864	78)		
ICP Metals - Aqueous													
Lead	BRL	0.001				91.9			94.3			85 - 115	20

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

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

MS - Matrix Spike

Comment:

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

August 09, 2016

Tuesday, August 09, 2016

# Sample Criteria Exceedences Report GBN86423 - JC-BROD

Criteria: None State: NY

State:	NY						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN86423	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.017	0.001	0.015	0.001	mg/L
BN86423	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.017	0.001	0.015	0.015	mg/L
BN86425	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.325	0.001	0.015	0.001	mg/L
BN86425	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.325	0.001	0.015	0.015	mg/L
BN86426	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.058	0.001	0.015	0.001	mg/L
BN86426	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.058	0.001	0.015	0.015	mg/L
BN86429	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.017	0.001	0.015	0.001	mg/L
BN86429	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.017	0.001	0.015	0.015	mg/L
BN86431	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.017	0.001	0.015	0.001	mg/L
BN86431	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.017	0.001	0.015	0.015	mg/L
BN86433	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.034	0.001	0.015	0.001	mg/L
BN86433	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.034	0.001	0.015	0.015	mg/L
BN86445	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.027	0.001	0.015	0.001	mg/L
BN86445	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.027	0.001	0.015	0.015	mg/L
BN86447	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.018	0.001	0.015	0.001	mg/L
BN86447	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.018	0.001	0.015	0.015	mg/L
BN86470	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.016	0.001	0.015	0.001	mg/L
BN86470	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.016	0.001	0.015	0.015	mg/L
BN86472	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.257	0.001	0.015	0.001	mg/L
BN86472	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.257	0.001	0.015	0.015	mg/L
BN86473	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.354	0.001	0.015	0.001	mg/L
BN86473	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.354	0.001	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



# **Environmental Laboratories, Inc.**

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

# nelac E

# **NY Temperature Narration**

August 09, 2016

SDG I.D.: GBN86423

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

emcguire@jcbroderick.com J.G. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead in Water Chain of Custody Form

Syd 292155-01: #801

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Lead In Water Chain of Custody Form 10811/4 3/1262 Dhs

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Lead In Water Chain of Custody Form

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Lead In Water Chain of Custody Form

Page A of States 3-3-15

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Lead In Water Chain of Custody Form

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Turnaround Time: PACT SEACH

thens: Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: Ec

Ed McGuire
J.C. Broderick & Associates

1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/4/2016. The results are tabulated on the attached data pages for the following client designated project:

# 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

The reference number for these samples is EMSL Order #011605001. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Chemistry Laboratory Manager



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted. NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

8/15/2016



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http://www.EMSL.com EnvChemistry2@emsl.com

Phone:

(631) 584-5492

Fax:

Received:

08/04/16 5:00 AM

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

011605001

JCBR50

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

**Analytical Results** 

		Analytical						
Client Sample Description	1 1P MAC-1-GY-IN-NEWGYM-WC		•	Collected:	8/2/2016	Lab ID:	0001	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	μg/L	8/4/2016	EG	8/5/2016	EG
Client Sample Description	n 2P MAC-1-GY-IN-NEWGYM-IN		•	Collected:	8/2/2016	Lab ID:	0002	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	μg/L	8/4/2016	EG	8/5/2016	EG
Client Sample Description	3P MAC-1-HA-BY-1028-DW		(	Collected:	8/2/2016	Lab ID:	0003	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	10.8	1.00	μg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Description	4P MAC-1-HA-IN-1031-DW		•	Collected:	8/2/2016	Lab ID:	0005	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	16.0	1.00	μg/L	8/5/2016	EG	8/5/2016	EG
Client Sample Description	4F MAC-1-HA-IN-1031-DW		(	Collected:	8/2/2016	Lab ID:	0006	
Mothod	Paramotor	Popult	DI	Unite	Prep	Anglyot	Analysis	Analyst
Method	Parameter Lead	Result	<i>RL</i>	Units	Date	Analyst EG	Date	Analyst EG
Method  200.8  Client Sample Description	Lead	Result 4.17	1.00	Units μg/L Collected:	•	EG	•	Analyst EG
200.8	Lead 5P		1.00	μg/L	<i>Date</i> 8/11/2016	EG	<b>Date</b> 8/11/2016 0007 <b>Analysis</b>	-
200.8  Client Sample Description	Lead 5P MAC-1-HA-BY-1019-DW	4.17	1.00 RL	μg/L Collected:	<b>Date</b> 8/11/2016 8/2/2016 <b>Prep</b>	EG  Lab ID:	<b>Date</b> 8/11/2016 0007 <b>Analysis</b>	EG
200.8  Client Sample Description  Method	Lead  5P  MAC-1-HA-BY-1019-DW  Parameter  Lead	4.17 Result	1.00 RL 1.00	μg/L Collected: Units	### Date    8/11/2016     8/2/2016     Prep	EG  Lab ID: (  Analyst  EG	Date 8/11/2016 0007 Analysis Date	EG Analyst
200.8  Client Sample Description  Method  200.8	Lead  5P  MAC-1-HA-BY-1019-DW  Parameter  Lead  6P	4.17 Result	1.00 RL 1.00	μg/L Collected: Units μg/L	Prep Date 8/4/2016	EG  Lab ID: (  Analyst  EG	Date 8/11/2016 0007 Analysis Date 8/4/2016	EG Analyst



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Phone:

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Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

**Analytical Results** 

		Analytical	Results				
Client Sample Desc	cription 7P MAC-1-HA-BY-1013B-DW		Collec	ted: 8/2/2016	Lab ID:	0011	
Method	Parameter	Result	RL Unit	Prep S Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 μg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Desc	cription 8P MAC-02-HA-IN-2045-DW		Collec	ted: 8/2/2016	Lab ID:	0013	
Method	Parameter	Result	RL Unit	Prep S Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.30	1.00 µg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Desc	cription 9P MAC-02-HA-IN-MAINLOBBY-W	/C	Collec	ted: 8/2/2016	Lab ID:	0015	
Method	Parameter	Result	RL Unit	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 µg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Desc	cription 10P MAC-02-NO-IN-2044-NS		Collec	ted: 8/2/2016	Lab ID:	0016	
Method	Parameter	Result	RL Unit	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 μg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Desc	cription 11P MAC-02-BB-IN-2044B-NS/BF		Collec	ted: 8/2/2016	Lab ID:	0018	
Method	Parameter	Result	RL Unit	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.18	1.00 μg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Desc	cription 12P MAC-02-GB-IN-2044A-NS/BF		Collec	ted: 8/2/2016	Lab ID:	0020	
Method	Parameter	Result	RL Unit	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.20	1.00 µg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Desc	cription 13P MAC-02-HA-BY-2018-DW		Collec		Lab ID:	0022	
Method	Parameter	Result	RL Unit	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 µg/L	8/4/2016	EG	8/4/2016	EG



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ProjectID:

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Phone: Fax:

(631) 584-5492

Received: 08/04/16 5:00 AM

Project: 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

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Collected   ND   1.00   µg/L   8/4/2016   EG   8/4/2016   EG   8/4/2016   EG			, undry trout	1000110			
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Anal	Client Sample Descript			Collected:	8/2/2016	<b>Lab ID:</b> 0024	
Client Sample Description   15P   MAC-02-CR-IN-2015-EC   Mack-02-CR-IN-2015-EC   Mack-02-CR-IN-2015-	Method	Parameter	Result	RL Units	•		Analyst
Machod   Parameter   Result   R.   Units   Prep Date   Analysis   Date   Da	200.8	Lead	ND	1.00 μg/L	8/4/2016	EG 8/4/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         16.4         1.00         µg/L         8/4/2016         EG         8/4/2016         Lab ID:         0027         0027         0027         0027         0027         0027         0027         0028	Client Sample Descript			Collected:	8/2/2016	<b>Lab ID:</b> 0026	
Client Sample Description   15F   MAC-02-CR-IN-2015-EC   Method   Parameter   Result   RL   Units   Prep Date   Analyst   Date	Method	Parameter	Result	RL Units		•	Analyst
Mactod   Parameter   Result   RL   Units   Prep Date   Analyst   Date   Analyst Date   Analys	200.8	Lead	16.4	1.00 μg/L	8/4/2016	EG 8/4/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         ND         1.00         µg/L         8/5/2016         EG         8/5/2016         EG           Client Sample Description         16P MAC-02-CR-IN-2015-EC         Result         RL         Units         Prep Date         Analyst         Analyst         Analyst           200.8         Lead         5.83         1.00         µg/L         8/4/2016         EG         8/4/2016         EG           Client Sample Description         17P MAC-02-CR-IN-2015-EC         Result         RL         Units         Prep Date         Analyst         Analyst         Analyst         Analyst           200.8         Lead         1.76         1.00         µg/L         8/5/2016         EG         8/5/2016         EG           Client Sample Description         18P MAC-02-CR-IN-2015-EC         Result         RL         Units         Prep Date         Analyst         Analyst         Analyst           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst         Analyst           Client Sample Description         1	Client Sample Descript			Collected:	8/2/2016	<b>Lab ID:</b> 0027	
Client Sample Description   16P   MAC-02-CR-IN-2015-EC   Result   RL   Units   Date   Analyst   Date   Dat	Method	Parameter	Result	RL Units	•	•	Analyst
Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst         Analyst           200.8         Lead         5.83         1.00         µg/L         8/4/2016         EG         8/4/2016         EG           Client Sample Description         17P MAC-02-CR-IN-2015-EC         Result         RL         Units         Prep Date         Analyst         Analyst         Analyst           200.8         Lead         1.76         1.00         µg/L         8/2/2016         EG         8/5/2016         EG           Client Sample Description         18P MAC-02-CR-IN-2015-EC         Collected:         8/2/2016         Lab ID:         0/32           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         2.05         1.00         µg/L         8/2/2016         Lab ID:         0/32           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         2.05         1.00         µg/L         8/4/2016         EG         8/4/2016         EG           Client S	200.8	Lead	ND	1.00 µg/L	8/5/2016	EG 8/5/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         5.83         1.00         µg/L         8/4/2016         EG         8/4/2016         EG           Client Sample Description         17P MAC-02-CR-IN-2015-EC         Collected:         8/2/2016         Lab ID:         0030           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         1.76         1.00         µg/L         8/2/2016         Lab ID:         0032           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analysis         Analyst           200.8         Lead         2.05         1.00         µg/L         8/4/2016         EG         8/4/2016         EG           Client Sample Description         19P MAC-02-CR-IN-2014-EC         Collected:         8/2/2016         Lab ID:         0034           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst	Client Sample Descript			Collected:	8/2/2016	Lab ID: 0028	
Client Sample Description 17P	Method	Parameter	Result	RL Units		•	Analyst
Method   Parameter   Result   RL   Units   Date   Analyst   Date	200.8	Lead	5.83	1.00 μg/L	8/4/2016	EG 8/4/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         1.76         1.00         µg/L         8/5/2016         EG         8/5/2016         EG           Client Sample Description         18P MAC-02-CR-IN-2015-EC         Collected:         8/2/2016         Lab ID:         0032           Method         Parameter         Result         RE         Units         Prep Date         Analyst         Analyst           200.8         Lead         2.05         1.00         µg/L         8/4/2016         EG         8/4/2016         EG           Client Sample Description         19P MAC-02-CR-IN-2014-EC         Collected:         8/2/2016         Lab ID:         0034           Method         Parameter         Result         REsult         RL Units         Prep Date         Analyst         Analysis         Analysis	Client Sample Descript			Collected:	8/2/2016	<b>Lab ID</b> : 0030	
Collected: 8/2/2016   Lab ID: 0032	Method	Parameter	Result	RL Units		•	Analyst
Method Parameter Result RL Units Prep Date Analyst Date Date Date Date Date Date Date Dat	200.8	Lead	1.76	1.00 μg/L	8/5/2016	EG 8/5/2016	EG
Method Parameter Result RL Units Date Analyst Date Analyst 200.8 Lead 2.05 1.00 µg/L 8/4/2016 EG 8/4/2016 EG  Client Sample Description 19P Collected: 8/2/2016 Lab ID: 0034  Method Parameter Result RL Units Date Analyst Date Analyst	Client Sample Descript			Collected:	8/2/2016	<b>Lab ID</b> : 0032	
Client Sample Description 19P  MAC-02-CR-IN-2014-EC  Method  MAC-02-CR-IN-2014-EC  Result  Result  Collected: 8/2/2016  Lab ID: 0034  Prep  Analysis  Analysis  Date  Analyst  Date  Analyst	Method	Parameter	Result	RL Units	•	•	Analyst
MAC-02-CR-IN-2014-EC Prep Analysis Method Parameter Result RL Units Date Analyst Date Analyst	200.8	Lead	2.05	1.00 µg/L	8/4/2016	EG 8/4/2016	EG
Method Parameter Result RL Units Date Analyst Date Analyst	Client Sample Descript			Collected:	8/2/2016	Lab ID: 0034	
200.8 Lead ND 1.00 μg/L 8/5/2016 EG 8/5/2016 EG	Method	Parameter	Result	RL Units	•	•	Analyst
	200.8	Lead	ND	1.00 µg/L	8/5/2016	EG 8/5/2016	EG



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> Phone: (631) 584-5492

Fax:

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Project: 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

<b>Analytical Results</b>	S
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		Anaiyticai	Results			
Client Sample Desc	ription 20P MAC-02-CR-IN-2014-EC		Collected:	8/2/2016	<b>Lab ID:</b> 0036	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	1.01	1.00 μg/L	8/4/2016	EG 8/4/	2016 EG
Client Sample Desc	ription 21P MAC-02-HA-IN-2036-DW		Collected:	8/2/2016	<b>Lab ID:</b> 0038	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	ND	1.00 μg/L	8/4/2016	EG 8/4/	2016 EG
Client Sample Desc	ription 22P MAC-02-CA-IN-2033-WC		Collected:	8/2/2016	<b>Lab ID</b> : 0040	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	ND	1.00 μg/L	8/4/2016	EG 8/4/	2016 EG
Client Sample Desc	ription 23P MAC-02-HA-BY-2009-DW		Collected:	8/2/2016	<b>Lab ID</b> : 0041	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	17.8	1.00 μg/L	8/4/2016	EG 8/4/	2016 EG
Client Sample Desc	ription 23F MAC-02-HA-BY-2009-DW		Collected:	8/2/2016	<b>Lab ID:</b> 0042	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	9.93	1.00 μg/L	8/5/2016	EG 8/5/	2016 EG
Client Sample Desc	ription 24P MAC-02-CA-IN-2035-WC		Collected:	8/2/2016	<b>Lab ID</b> : 0043	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	ND	1.00 µg/L	8/4/2016	EG 8/4/	2016 EG
Client Sample Desc	ription 25P MAC-02-KI-IN-2034-KC		Collected:	8/2/2016	<b>Lab ID</b> : 0044	
Method	Parameter	Result	RL Units	Prep Date	Ana Analyst Dat	nlysis e Analyst
200.8	Lead	13.3	1.00 μg/L	8/4/2016	EG 8/4/	2016 EG



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: CustomerID: CustomerPO:

ProjectID:

011605001

JCBR50

Phone: (631) 584-5492

Received: 08/04/16 5:00 AM

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

Fax:

		Analytical i	Results			
Client Sample Description	<b>on</b> 26P		Collected:	8/2/2016	<b>Lab ID</b> : 0046	
	MAC-02-KI-IN-2034-KC					
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	6.33	1.00 µg/L	8/5/2016	EG 8/5/2016	EG
Client Sample Description	on 27P MAC-02-HA-BY-2004-DW		Collected:	8/2/2016	<b>Lab ID</b> : 0048	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	3.62	1.00 µg/L	8/4/2016	EG 8/4/2016	EG
Client Sample Description	on 28P MAC-03-HA-BY-3023-WC		Collected:	8/2/2016	<b>Lab ID</b> : 0050	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	ND	1.00 µg/L	8/5/2016	EG 8/5/2016	EG
Client Sample Description	on 29P MAC-03-HA-BY-3026-DW		Collected:	8/2/2016	<b>Lab ID</b> : 0051	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	ND	1.00 µg/L	8/4/2016	EG 8/4/2016	EG
Client Sample Description	on 30P MAC-03-OF-IN-3021AZ-KC		Collected:	8/2/2016	<b>Lab ID</b> : 0053	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	1.44	1.00 μg/L	8/4/2016	EG 8/4/2016	EG
Client Sample Description	n 31P MAC-03-HA-IN-3016-DW		Collected:	8/2/2016	<b>Lab ID</b> : 0055	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	16.3	1.00 μg/L	8/4/2016	EG 8/4/2016	EG
Client Sample Description	on 31F MAC-03-HA-IN-3016-DW		Collected:	8/2/2016	Lab ID: 0056	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	7.14	1.00 µg/L	8/5/2016	EG 8/5/2016	EG



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

Phone: (631) 584-5492

Fax:

Received: 08/04/16 5:00 AM

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

011605001

JCBR50

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 / Levittown UFSD / Macarthur High School 3369 Old Jerusalem Rd

# **Analytical Results**

Client Sample Descri	iption 32P MAC-03-HA-BY-3002-DW		Collected:	8/2/2016	Lab ID: 0	0057	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.52	1.00 µg/L	8/4/2016	EG	8/4/2016	EG
Client Sample Descri	<b>iption</b> 33P MAC-01-BO-IN-1020A-SC		Collected:	8/2/2016	Lab ID: 0	0059	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 μg/L	8/4/2016	EG	8/4/2016	EG
200.8  Client Sample Descri		ND	1.00 µg/L  Collected:	8/4/2016 8/2/2016		8/4/2016 0060	EG
	iption 33PA	ND Result					EG Analyst

#### **Definitions:**

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

Lead In Water Chain of Custody Form

JCB#: 16-34262

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Result												
Sample Time	705	703	706	707	208	209	=	11/	76	716	718	219
Sample Date	0/0/11	012/10	8/2/16	8/2/11	0/2/10	0/10/10	() ) ]	0/0/16	8/2/16		9 =	8/2/16
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Functional Space Code	67	46	HA	MM	HA	ЙA	HA	AA	Z Z	НА	MA	ウエ
Floor	\	`	_	/	, ~	_	~	_	_	/	- /	_
Building Code	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAC	MAL
Map Location	1	2	3	a	Ч	4	S	2	6	9	7	1

Laboratory Name: (ZVN)		Date	Time	Mathed Of harden
Analyzed By				Method Of Analysis
QC By				_
				くして
Instructions to the Laboratory				
Turnaround Time: Staw hall	March.			
Email Report to:	emcguire@jcbroderick.com			
Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 200bb	LY when F	rimary San	nple exceeds 20pbb

UFSD Miceralmy High School 3869 old deru Schenks.

Client: PANTICAM Building Name and Address

Received By:

Sampler's Name; Sampler's Signature; Relinguished By;

Lead In Water Chain of Custody Form

Eine of Custody Form

Page 2 of 5
Date: 8/2/16

Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Bosult
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, X	MAC	20	7	1	2045	2	- (1	_	5 8	01/2/16	726	
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10	MAC 02	20	ON NO	2	2044	52	- ()	_	200	012116	733	
11	MAC 02	20	83	2	2044B	145/2	. 0	_	0	3/2/11	735	
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Client: LCS 4900 CTUD	分ち			1
Building Name and Address	Macenthur Hynnes her	-Silver		Analyzed By
	3369 012 4000 1000	1.0	7.0	QC By
		22.50	٥	
Sampler's Name:	John Tame			Instructions to the Laboratory
Sampler's Signature:	MALLER			Frail Parathe
Relinguished By:	Received By:	Date:	Ime.	Constal nepole to:
				special insurctions:
((PC))				

Laboratory Name: Frn.S		Date	Time	1000
Analyzed By				Method Of Analysis
QC By				
				1000
				3
Instructions to the Laboratory				
Turnaround Time: Stan A.	7			
Email Report to:	emcguire@icbroderick.com			
Special Instructions:	Amalian Plant Carrier A			
	Alialyze Flush Samples (F) ONLY when Primary Sample exceeds 20ph	LY when P	rimary San	nole exceeds 20nhh

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Chain of Custody Form Lead In Water

Page 3 of ...
Date: 8/2///

Sample Time Result		)	2 2	2 8	8 8	8 8 8	88 8 15	18 8 8 12 12	18 8 8 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18 8 8 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	18 8 8 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 8 8 8 1 1 8 2 2 2 2 2 3 2 3 2 3 2 3 3 3 3 3 3 3 3
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	IIme Method Of Analysis	•	600	2000					Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb
24.6	Date					Г	Т		<b>ONLY</b> when
22						٠.	emcguire@icbroderick.com		Analyze Hush Samples (F)
Laboratory Name:	Analyzed By		dr by		Instructions to the Laboratory	Turnaround Time: られんしん	Email Report to:	Special Instructions	special medicuous:
					Т	7	7		T

Macuston Hyusolvas 2369 old de to salvas leur Rd

Client: Leviltown UPSD Building Name and Address Manuel

John Tayson

Sampler's Name: Sampler's Signature: Relinquished Bye

Received By:

Contact: Ed McGuire emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788

Chain of Custody Form Lead In Water

Page / of 5

JCB#: 16-34262

	Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Result
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6	MAC	20	CA	Z	2035	73	9	ــــ	24P	8/2/11	815	
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Client: LWHY and U	CFSD			Laboratory Name:	
<b>Building Name and Address</b>	Mayor Juny Huy Ly Cid . O. 1)	2 54	15	Analyzed By	246
	Q 11 17 8	3	-	QC By	
	word deriver henry d.	Person La			
	c			Instructions to the Laboratory	
Sampler's Name:	John Tolyng/			Turnaround Time:	
Sampler's Signature:	1200 C			Email Report to:	emcsuire@ichroderick.com
Relinguished By:	Received By:	Date:	Time:	308:	Analyze Fluch Sampler (E) ONLYb.
(0)					The control of the co
(PQ)					

Laboratory Name: EvmS	Emst	Date	Time	Mathod Of Analysis
Analyzed By				
QC By				100
				3
Instructions to the Laboratory	boratory		•	
Turnaround Time:	Standard	_		
Email Report to:	emcguire@jcbroderick.com			
Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 200bb	JLY when F	rimary San	nple exceeds 20pbb

Lead In Water Chain of Custody Form

Page 5

JCB#: 16-34262

Map Location	Building	Floor	Functional Space	Va/INI								
(	Code		Code	IIN/BY	AHERA ID	Outlet Type	Primary/Flush Number	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Recult
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	1000					::					
_	Client: LCV/TCV- C	Building Name and Address			Sampler's Name:	Sampler's Signature:		relinguished By:	60		
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	Time Mathod Of Andrein	NA PROPERTY OF THE PROPERTY OF	Lead					Alialyze Flush Samples (F) ONLY when Primary Sample exceeds 2026
	Date	A.	1					LY when F
and the state of t	Name: Prvv V			Instructions to the Laboratory	Time: Standard.	t to:		
Ishorate	Analyzed By	QC BV		Instruction	Turnaround Time:	Email Report to:	Special Instructions:	



Monday, August 08, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: JCB #16-34262 SMS

Sample ID#s: BN84583 - BN84585, BN84587, BN84589 - BN84591, BN84593, BN84595,

BN84597, BN84599, BN84601, BN84603, BN84605, BN84607, BN84609 - BN84611, BN84613 - BN84615, BN84617, BN84619, BN84621, BN84623, BN84625, BN84627, BN84629, BN84631, BN84633, BN84635, BN84637,

BN84639, BN84641, BN84643

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.

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 #MA-CT-007

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

VT Lab Registration #VT11301







**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/167:37Location Code:JC-BRODReceived by:LB08/02/1616:00

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84583

Project ID: JCB #16-34262 SMS

Client ID: 1 SMS 1 GB IN 1041 BF/SC 1P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.004 0.001 mg/L 0.015 08/03/16 E200.5 Completed 08/02/16 AG/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 1 of 35 Ver 1







# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information	<u>tion</u>	Custody Informa	<u>ition</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:40
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
			LB		

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

P.O.#:

<u>Laboratory Data</u> SDG ID: GBN84583

Phoenix ID: BN84584

Project ID: JCB #16-34262 SMS

Client ID: 1 SMS 1 GB IN 1041 BF/SC 1PA

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK AG/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 2 of 35 Ver 1







# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:44
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84585

Project ID: JCB #16-34262 SMS Client ID: 2 SMS 1 CR IN 1014 EC 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK AG/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 3 of 35 Ver 1





# Environmental Laboratories, Inc.

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

**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/167:45Location Code:JC-BRODReceived by:LB08/02/1616:00

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

P.O.#:

-aboratory Data SDG ID: GBN84583

Phoenix ID: BN84587

Project ID: JCB #16-34262 SMS

Client ID: 3 SMS 1 CR IN 1014 EC 3P

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.008 0.001 mg/L 0.015 08/03/16 E200.5 Completed 08/02/16 AG/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/167:46Location Code:JC-BRODReceived by:LB08/02/1616:00

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84589

Project ID: JCB #16-34262 SMS

Client ID: 4 SMS 1 CR IN 1014 EC 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.070	0.001	1	mg/L	0.015		08/03/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/02/16	AG/BF	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/167:46Location Code:JC-BRODReceived by:LB08/02/1616:00

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

P.O.#:

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84590

Project ID: JCB #16-34262 SMS

Client ID: 4 SMS 1 CR IN 1014 EC 4F

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 08/05/16 LK E200.5 Completed 08/04/16 CB/TH E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information	<u>tion</u>	Custody Inform	ation at the state of the state	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:47
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
			LB		

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84591

Project ID: JCB #16-34262 SMS

Client ID: 5 SMS 1 CR IN 1014 EC 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK AG/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:49
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Rush Request:	Standard	Analyzed by:	see "By" below		

Rush Request: Analyzed by: Standard

P.O.#: aboratory Data

SDG ID: GBN84583

Phoenix ID: BN84593

JCB #16-34262 SMS Project ID:

Client ID: 6 SMS 1 HA BY 1016 DW 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

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Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation	Custody Information	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:51
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

<u>Laboratory Data</u>

SDG ID: GBN84583

Phoenix ID: BN84595

Project ID: JCB #16-34262 SMS

Client ID: 7 SMS 1 CR IN 1011 KC 7P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:53
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
D 1 D 4	0				

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

<u>Laboratory Data</u>

SDG ID: GBN84583

Phoenix ID: BN84597

Project ID: JCB #16-34262 SMS

Client ID: 8 SMS 1 CR IN 1007 EC 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.005 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:54
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Duck Decuses	Ctondord	A m a l a al la			

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

P.O.#:

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84599

Project ID: JCB #16-34262 SMS

Client ID: 9 SMS 1 CR IN 1007 EC 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.009 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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# **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:55	
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00	
Rush Request:	Standard	Analyzed by:	see "By" below			

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84601

Project ID: JCB #16-34262 SMS

Client ID: 10 SMS 1 CR IN 1007 EC 10P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

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August 08, 2016

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informati	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/02/16	7:56
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Duck Deguest	Ctondord	A maluma al lavu	"D " L - L		

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

P.O.#: Laboratory Data

SDG ID: GBN84583

Phoenix ID: BN84603

Project ID: JCB #16-34262 SMS

Client ID: 11 SMS 1 CR IN 1007 EC 11P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/168:00Location Code:JC-BRODReceived by:LB08/02/1616:00

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

P.O.#:

aboratory Data SDG ID: GBN84583

Phoenix ID: BN84605

Project ID: JCB #16-34262 SMS

Client ID: 12 SMS 1 HA BY 1008 DW 12P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βv Lead 0.004 0.001 mg/L 0.015 08/03/16 LK E200.5 Completed 08/02/16 TH/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	ation ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:02
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

Lau

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84607

Project ID: JCB #16-34262 SMS

Client ID: 13 SMS 1 CR IN 1007 EC 13P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation _	Custody Information	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:04
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Duck Doguceti	Ctondord	Analyzad by	a a a IID. II la al acce		

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

<u>Laboratory Data</u>

SDG ID: GBN84583

Phoenix ID: BN84609

Project ID: JCB #16-34262 SMS

Client ID: 14 SMS 1 HA BY 132 WC 14P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information	<u>tion</u>	Custody Inform	ation at the state of the state	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:05
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

<u>\_</u>

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84610

Project ID: JCB #16-34262 SMS

Client ID: 15 SMS 1 HA BY 132 WC 15P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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P.O.#:

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u> <u>T</u>			
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:07		
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00		

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

P.O.#:

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84611

Project ID: JCB #16-34262 SMS

Client ID: 16 SMS 1 LR-GIRLS IN 0010 DW 16P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

<u>ion</u>	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>
DRINKING WATER	Collected by:		08/02/16	8:10
JC-BROD	Received by:	LB	08/02/16	16:00
		DRINKING WATER Collected by:	DRINKING WATER Collected by:	DRINKING WATER Collected by: 08/02/16

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

aboratory Data SDG ID: GBN84583

Phoenix ID: BN84613

Project ID: JCB #16-34262 SMS

Client ID: 17 SMS 1 HA GY IN 1068 WC 17P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 08, 2016

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Page 19 of 35 Ver 1







## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:11
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

<u>Laboratory Data</u>

SDG ID: GBN84583

Phoenix ID: BN84614

Project ID: JCB #16-34262 SMS

Client ID: 19 SMS 1 CAFE IN 1065 WC 19P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information	<u>tion</u>	Custody Informa	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:15
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84615

Project ID: JCB #16-34262 SMS

Client ID: 20 SMS 1 KI IN 1064 KC 20P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

<u>on</u>	Custody Informat	<u>iion</u>	<u>Date</u>			
DRINKING WATER	Collected by:		08/02/16	8:16		
JC-BROD	Received by:	LB	08/02/16	16:00		
	<u>on</u> DRINKING WATER JC-BROD	DRINKING WATER Collected by:	DRINKING WATER Collected by:	DRINKING WATER Collected by: 08/02/16		

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

P.O.#:

aboratory Data SDG ID: GBN84583

Phoenix ID: BN84617

Project ID: JCB #16-34262 SMS

Client ID: 21 SMS 1 KI IN 1064 KC 21P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 08, 2016

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

**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/168:17Location Code:JC-BRODReceived by:LB08/02/1616:00

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

P.O.#:

\_aboratory Data SDG ID: GBN84583

Phoenix ID: BN84619

Project ID: JCB #16-34262 SMS

Client ID: 22 SMS 1 KI IN 1064 KC 22P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.001 0.001 mg/L 0.015 08/03/16 LK E200.5 Completed 08/02/16 TH/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 08, 2016

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:18
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Decale Decreases	Otanaland	A a l a al la	"B "		

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

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84621

Project ID: JCB #16-34262 SMS

Client ID: 23 SMS 1 KI IN 1064 KC 23P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.010 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7
Total Metal Digestion	Completed						00/03/10	٨٥	L200.5/L200.1

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.)
MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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SDG ID: GBN84583

Phoenix ID: BN84623

## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u> <u>Ti</u>			
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:19		
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00		

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

Project ID: JCB #16-34262 SMS

Client ID: 24 SMS 1 KI IN 1064 KC 24P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 08, 2016

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Page 25 of 35 Ver 1







## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Informa	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:22
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

P.O.#: Laboratory Data

SDG ID: GBN84583

Phoenix ID: BN84625

Project ID: JCB #16-34262 SMS

Client ID: 26 SMS 1 HA BY 1051 DW 26P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 08, 2016

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:24
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Decale Decreases	Otanaland	A a l a al la	"B "		

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

P.O.#:

\_aboratory Data SDG ID: GBN84583

Phoenix ID: BN84627

Project ID: JCB #16-34262 SMS

Client ID: 27 SMS 1 HA BY 1059 DW 27P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 08, 2016

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Page 27 of 35 Ver 1







## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:29
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00

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

<u>Laboratory Data</u>

SDG ID: GBN84583

Phoenix ID: BN84629

Project ID: JCB #16-34262 SMS

Client ID: 28 SMS 1 HA BY 1040 DW 28P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 08, 2016

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**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/168:35Location Code:JC-BRODReceived by:LB08/02/1616:00

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

P.O.#:

\_aboratory Data SDG ID: GBN84583

Phoenix ID: BN84631

Project ID: JCB #16-34262 SMS

Client ID: 29 SMS 1 HA BY 1031 DW 29P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.001 0.001 mg/L 0.015 08/04/16 LK E200.5 Completed 08/03/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:	08/02/16	8:38
Location Code:	JC-BROD	Received by: LE	8 08/02/16	16:00

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

<u>L</u>

\_aboratory Data SDG ID: GBN84583

Phoenix ID: BN84633

Project ID: JCB #16-34262 SMS

Client ID: 30 SMS 2 OF IN 2016 KC 30P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 08, 2016

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:40
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Durch Danisati	Otamalamal	A	"B " I I		

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

<u>Laboratory Data</u>

SDG ID: GBN84583

Phoenix ID: BN84635

Project ID: JCB #16-34262 SMS

Client ID: 31 SMS 2 HA BY 2007 DW 31P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:42
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Rush Request:	Standard	Analyzed by:	see "Ry" below		

Laboratory Data

SDG ID: GBN84583

Phoenix ID: BN84637

Project ID: JCB #16-34262 SMS

Client ID: 32 SMS 2 HA BY 2005 DW 32P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.009 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 32 of 35 Ver 1







## **Analysis Report**

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/02/16	8:45
Location Code:	JC-BROD	Received by:	LB	08/02/16	16:00
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

P.O.#: Laboratory Data

SDG ID: GBN84583

Phoenix ID: BN84639

Project ID: JCB #16-34262 SMS

Client ID: 33 SMS 2 HA BY 2032 DW 33P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/04/16 08/03/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 33 of 35 Ver 1





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

**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/168:47Location Code:JC-BRODReceived by:LB08/02/1616:00

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

\_aboratory Data SDG ID: GBN84583

Phoenix ID: BN84641

Project ID: JCB #16-34262 SMS

Client ID: 34 SMS 2 HA BY 2036 DW 34P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.002 0.001 mg/L 0.015 08/04/16 LK E200.5 Completed 08/03/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 34 of 35 Ver 1





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

**Analysis Report** 

August 08, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/02/168:50Location Code:JC-BRODReceived by:LB08/02/1616:00

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

P.O.#:

Laboratory Data SDG ID: GBN84583

Phoenix ID: BN84643

Project ID: JCB #16-34262 SMS

Client ID: 35 SMS 2 NO IN 1023B NS 35P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.005 0.001 mg/L 0.015 08/04/16 LK E200.5 Completed 08/03/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 08, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 35 of 35 Ver 1





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

QA/QC Report

August 08, 2016 QA/QC Data SDG I.D.: GBN84583

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	Rec Limits	RPD Limits
QA/QC Batch 354534 (mg/L), (	2C Sam	ole No:	BN84120	(BN846	21, BN8	34623)							
ICP Metals - Aqueous													
Lead	BRL	0.001	0.001	< 0.001	NC	103			101			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354649 (mg/L), C	C Sam	ole No:	BN84562	(BN845	90)								
ICP Metals - Aqueous													
Lead	BRL	0.001	0.002	0.002	NC	100			103			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354414A (mg/L),	QC Sar	nple No	: BN8457	7 (BN84	583, BN	184584	I, BN845	585, BN	184587	, BN845	89, BN	184591)	
ICP Metals - Aqueous													
Lead	BRL	0.001				101			102			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354421 (mg/L), Q BN84609, BN84610, BN84611		ole No:	BN84595	(BN845	95, BN8	34597,	BN8459	9, BN8	4601,	BN8460	3, BN8	4605, B	N84607,
ICP Metals - Aqueous													
Lead	BRL	0.001	0.002	0.002	NC	102			102			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354421A (mg/L),	QC Sar	nple No	: BN8461	3 (BN84	613, BN	184614	I, BN84 <i>6</i>	615, BN	184617	, BN846	19)		
ICP Metals - Aqueous													
Lead	BRL	0.001				102			105			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354534A (mg/L), BN84639, BN84641, BN84643		nple No	: BN8462	5 (BN84	625, BN	184627	7, BN846	529, BN	184631	, BN846	33, BN	184635,	BN84637,
ICP Metals - Aqueous													
Lead	BRL	0.001				103			100			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354417A (mg/L),	QC Sar	nple No	: BN8492	0 (BN84	593)								
ICP Metals - Aqueous													
Lead	BRL	0.001				102			98.3			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	5-125%								

SDG I.D.: GBN84583

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

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

August 08, 2016

Monday, August 08, 2016 Criteria: None

# **Sample Criteria Exceedences Report**

**GBN84583 - JC-BROD** 

State: NY

State:	NY						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN84589	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.070	0.001	0.015	0.001	mg/L
BN84589	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.070	0.001	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



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

# nelac 1

## **NY Temperature Narration**

August 08, 2016

SDG I.D.: GBN84583

The samples in this delivery group were received at  $22^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Chain of Custody Form Lead In Water

JCB# (16 -34262)SMS

7	ot O	- )16
Ž	Page	Date: 8/2
7		6

Result	34F83	13548	84 68E	<b>9</b> 8948	84587	84588	<i>589</i> 48	9245	84691	34692	846913	84.594
Sample Time	7:37	04:40	hh:t	4:44	7:45	Sh:t	9h:t		th:t	せか、さ	4:49	6h:E
Sample Date	2/8	2/8	8/2	2/8	مر الم	2/8	7	8,12	2/8	<u>لم</u> م	7 2 3	8/2
BOTTLE ID/LABEL	d	PA FA	36	35	£	34	dh	Jh.	15	55	d9)	J0)
Number		_		1	1	_	_	/	1	1	-	_
Primary/Flush	d	p	d	4	f	4	٠ م	4	ρ	4	p	4
Outlet Type	9 <i>t/</i> 2c	8F/SC	23	80	CC	EC	80	િ ગુ	EC.	EC	DM	3
AHERA ID	1401	1041	1014	1014	1014	1014	1014	1014	1014	1014	1016	%।
IN/BY	'n	14	٤	٤	Σ	2	1	٤	٤	<u> </u>	pd	ha
Functional Space Code	GB	G, B	CR	CR	CR	CR	CR	CR	CR	CR	HA	¥±
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Building Code	SHS	SMS	SUS	SYS	SHS	SYYS	SMS	Sus	Sus	Sus	SMS	Sus
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Leuthown UFSP.	13359 Old Jewsalem Rd Leuttown 11756.	Turnanau Turnanau	Pacetond Pr.: Deter: Time: Speed	20:01 9/12/8 January
come (cut	SalkHadk	Separater's Name: Separater's Simetere:	Deltamithed Pri	

ac by CC by	mberatory Name: PAOピルI と nate Ti	•	Methed Of Analysis
(Rad)	Ag pezitae		•
3	(C.D.)		200
			3

und Time: Standond ... emcguire@ichroderick.com

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

derick Associates

1. J. Expressway Dr. N.
Hauppauge, NY 11788

Contact: Ed McGuire
emcguire@jcbroderick.com

Lead In Water Chain of Custody Form

Date: 8/2/14

JCB#: 16-34262 (SMS)

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Result	84595	2145916	17248	84548	555428	34600	109/18	20278	84603	824604	Sylaus	909/18
Sample Time	15:4	7:51		•			I					&: &
Sample Date	8/2	١,	8/2	6/2	8/2	8/2	2/8	8/2	5/2	2/2	2/2	2/8
BOTTLE ID/LABEL	dt	#	£	Z	26	#	106	501	$\mathcal{H}$	#	176	JE
Number	_	_	1	1	/	1	I	1	1	1	· ·	1
Primary/Flush	d	4	Þ	4	d	4	d	J	b	4	P	J
Outlet Type	KC	なる	<b>SC</b>	ગરૂ	ာ	<b>&amp;</b> C	& C	ઈ ડ	$\mathcal{E}_{\mathcal{C}}$	ÇC	DV	D۸
AHERA ID	1011	1101	1007	1007	2001	1007	1001	4001	1007	1007	8001	1008
IN/BY	M	ڌ	7	M	۱۲	7	IN .	17	C	7	B	<b>S</b>
Functional Space Code	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	#	A T
Floor	_				_	}		_		_		_
Building Code	SHS	Sus	SHS	SHS	SMS	SHS	Sus	Sus	SHS	SHS	Sus	Sus
Map Location	+	+	حح	d	6	6	B	0)			ඡු	<u>لم</u>

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Special Instructions:	Ilmei	ii C	Berind br:	Beltemithed Dr.
Emeil Report to:			1	Semetary Structure:
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Instructions to the Laborate	Q.	1175	Ko (evitorn	
Analyzed By QC By	en	CUSA	3339 OID Jerusafens	Salk MS
Laboratory Name: PLOE			レチ&し	anne Cevittown UFSU

Laboratory Nome: PNUR 1 1/2	Time	Methed Of Analysis
Amelyzed By		•
QC By		200
		727
Instructions to the Laboratory		

mere und Time: Standand...

one: Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Chain of Custody Form Lead In Water

1CB#: 16-34262(SMS)

		,										
Result	84607	84608	84609	84610	84611	24012	84/013			Stlept	SHEIS	719h8
Sample Time	20:8	8.02	4: Dd	8.05	8.07	8.07				8:11	8:15	8:15
Sample Date	8/2	2/3	8/2	8/8	8/8	8/2	218	•		2/8	2/8	2/3
BOTTLE ID/LABEL	136	<del>1</del> (2)	dh1	d\$/	d91	J9/	4	M	ME	961	20p	505
Number	1	Ì	1	1	1	1		Ø	Ø	1	1	1
Primary/Flush	d	<del>J</del>	đ	d	đ	4	d			d	d	£
Outlet Type	$\mathcal{Z}$	50	UC	WC	0	DV	WC	MO	Ma	WC	(JEKC	KC
AHERA ID	1007	1007	132	132	0100	00100	8 901	6000	6000	5 901	1064	1064
IN/BY	111	۲	pd	<b>Б</b> ч	וח	۲	(n	и	111	17	u	14
Functional Space Code	CR	CR	HA	HA	LR-gicls In	LR-gichs	HAGU	CR-toy	CR-180411	CAR	ki	Ki
Floor	_	-	_	_			-	65	BS	_	-	•
Building Code	SmS	SUS	SMS	Sus	SMS	SHS	SMS	SHS	SUS BS	SHS	Sus	Sas
Map Location	<u>(</u> 2	61	<u>3</u>	<u>S</u>	2	9	土	K	W	9)	20	2

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	Safer	11756.			Dertor	,	8/2/16
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anne (exittoun UFSD	Salk Widdle	School	Security Messe;	Semelar's Simulative:	Principal Pr		3

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form

Date: 8/2/16.

JCBH: 16-34262 (SUS)

			т		ı	<del>- \</del>	<u> </u>					
Result	719H8	81948	84619	37778	84621	22948	84623	84624		84625	24626	2948
Sample Date Sample Time	8:16	91:8	21:8	21:8	8:18	!	8\$19			8:22	8:22	8:34
Sample Date	7/8	2/8	7/8	2/8	2/8	İ		7/8		8/2	7/8	7/8
BOTTLE ID/LABEL	die	J12	JEB	ast	33F	23F	34p	THE	INF.	Jose	alef	27P
Number	1	/	ĺ	_	1	1	1	1	Ø	1		1
Primary/Flush	b	J	d	4	<i>A</i>	+	b	£		d	£	d
Outlet Type	KC	kc	kc	7	KC	kC	kc	KC	WC	nd	MQ	na
AHERA ID	1064	100H	1064	1064	106 y	4004	1064	4901	1063	NSI	1881	1059
IN/BY	111	7	ln l	2	٤	Z	٤	7	IJ	hq	by	hq
Functional Space Code	ki	Ki	Ľ.	ſς.i	ĸ.	<b>K</b>	Έ.	Ki	CARE	HA	44	HA
Floor			_	-		-	-				1	
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	icusale		ä	2112/2
astu	2359 olo Jerusalem Rd Levittorn 11756	8 दुवा रू	besind b:	71800
come levittonen	Building Name and Address	Semetar's Mana:	Selbranish of Pr.	

LABORATORY NAME: DAUCOLY	ハン	Deta	Time	Methed Of Analysis
Annihoped By				, ,
QC Py				1,40
				•
Professions to the Laboratory				
Turnersund Time: A to MO Co.	7.2			
Ernail Report to:	emcguire@icbroderick.com			
Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 200bb	ALY when P	rimary Sai	nple exceeds 200bb

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form

22chill Page 5

108#: 16-3426 (SMS)

	T & .	1					<del></del>		,	·		
Result	87978	84629	84630	84631	84632	84433	क्रमञ्ज	8463°	84636	1Entos	84638	84639
Sample Time	8:29	8:29	8:32	8:35	8.35	SE: 8	8:38	8:40	0 h:8	g: 42	8:42	8:45
Sample Date	2/8	2/8	7/8	7/8	2/8	2/8	2/8	8/2	7/8	7/8	2/8	6/2
BOTTLE ID/LABEL	27FC	J86	ARE	386	39F	30P	30F	316	318	32P	32£	330
Number	1				] ]	1	1	1	1	1	1	/
Primary/Flush	£	P	4	p	4	P	+	f	4	p	4	$\varphi$
Outlet Type	<b>D</b> V	DV	DW	DM	<b>D</b>	KC	KC	DW	Dw	2		Ou
AHERA ID	1059	1940	1040.	1031	1031	2016	2016	2007	2007	2005	2005	2032
IN/BY	hq	bή	2	hq	<u>.</u>	٦	2	04	20/	2-2	by	27
Functional Space Code	HA	HA	せ サ	HA	X.I	40	<b>4</b>	HA	##	HA	₩	₩ #₩
Floor	_				_	4	d	7	2)	7	2	<u>~</u> 6
<b>Building</b> Code	SHS	SMS	SHS	Sus	Shs	SHS	SMS	SKS	SHS	Sus	SHS	લ્મેડ
Map Location	25	86	8¢	Æ	39	90	30	3	<u>ب</u>	32	32	35

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	OC 84			1607.
大のお子なって、一大いの				٠, ٦٠
	Instructions to the Laboratory.			
Sahr	Tumeround Time: \ \ Parto or col			
	Email Report to: emcguire@icbroderick.com			

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series Dr.

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Salk MS.

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

J.C. Broderick Associates 1775 Expressway Dr. N.

emcguire@jcbroderick.com Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water Chain of Custody Form

JCB#: 16-34262 (SHS)

			т	I	Γ		1	-		
Result	Stuto	14048	84642	8443	AMO 1-8			:		
Sample Time	8:45	8.4z	£h.8	P:30 84643	8:80					
Sample Date	7/8	2/8	2/3	2/8						
Primary/Flush Number BOTTLE ID/LABEL Sample Date Sample Time	33F	346	31E	3BP	35F					
Number	1	/	/	1	1					
Primary/Flush	£	P	4	$\phi$	F				·	
Outlet Type	$\rho \sigma$	DW/	$\rho Q$	SN	NS					
AHERA ID	by 2032	2036	by 2036	1023B	IN 1023P					
IN/BY	hq	by'	_	\ \ \ \ \	7					
Functional Space Code	HA	HA	女士 エ	NO	No					
Floor	7	2	2	2	2					
Building Code	SHS	SHS	SWS	ShS	SPAS					
Map Location	33	34	34	. 35	35					

thown 1	Utso.			Laboratory Home: PMOCO IN	Deste		Date Time Method Of Analysis
and Address	2250 02 4	0-3110-	28.0	Analyzed By		•	[
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		٠ ا		Instructions to the Laboratory			
	- Salk			Turnaround Time: Stagnolong			
25.00				Emeil Report to:	emcguire@icbroderick.com		
	Received Dr.	Detec	Time:	Special instructions: Analyze F	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	mary Sample	exceeds 20pbb

## **Laboratory Report**



NYSDOH ELAP# 11693 USEPA# NY01273 CTDOH# PH-0284 AIHA# 164456 NJDEP# NY012 PADEP# 68-2943

LIAL# 6081001

September 02, 2016

J.C. Broderick Ed McGuire 1775 Expressway Drive North Hauppauge, NY 11788

Re: 16-34262 (WLMS)

Dear Ed McGuire,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on August 03, 2016. Long Island Analytical laboratories analyzed the samples on August 31, 2016 for the following:

CLIENT ID ANALYSIS

WMS 01 CR IN 1064 CF P 1 1P	Lead
WMS 01 CR IN 1064 CF F 1 1F	Lead
WMS 01 CR IN 1065 CF P 1 2P	Lead
WMS 01 HA IN 1071 DW P 1 3P	Lead
WMS 01 HA IN 1071 DW F 1 3F	Lead
WMS 01 OF IN 1069 CF P 1 4P	Lead
WMS 01 HA BY 1092A DW P 1 5P	Lead
WMS 01 HA BY 1092A DW F 1 5F	Lead
WMS 01 BLR IN 1091 DW P 1 6P	Lead
WMS 01 BLR IN 1091 DW F 1 6F	Lead
WMS 01 FA IN 1047B CF P 1 7P	Lead
WMS 01 GLR IN 1089 WC P 1 8P	Lead
WMS 01 CR IN 1072 CF P 1 9P	Lead
WMS BS CR IN 015 EC P 1 10P	Lead
WMS BS CR IN 015 EC P 1 11P	Lead
WMS BS CR IN 015 EC P 1 12P	Lead
WMS BS CR IN 015 EC P 1 13P	Lead
WMS BS CR IN 015 EC P 1 14P	Lead
WMS BS CR IN 015 EC P 1 15P	Lead

## Page 2 of 5

Page 2 of 5	
WMS BS CR IN 013 CF P 1 16P	Lead
WMS 01 CR IN 1079 CF P 1 17P	Lead
WMS 01 HA IN 1087 DW P 1 18P	Lead
WMS 01 HA BY 1085 DW P 1 19P	Lead
WMS 01 CR 1086 CF P 1 20P	Lead
WMS 01 CR IN NEW CONSTRUCTION CF P 1 21P	Lead
WMS 01 LI IN NEW CONSTRUCTION CF P 1 22P	Lead
WMS 01 HA IN NEW CONSTRUCTION WC P 1 23P	Lead
WMS 01 CR IN NEW CONSTRUCTION CF P 1 24P	Lead
WMS 01 CR IN 1033 CF P 1 25P	Lead
WMS 01 CR IN 1032 CF P 1 26P	Lead
WMS 01 HA IN 1034 DW P 1 27P	Lead
WMS 01 HA IN 1016 DW P 1 28P	Lead
WMS 01 CR IN 1005 CF P 1 29P	Lead
WMS 01 CR IN 1003A CF P 1 30P	Lead
WMS 01 NO IN 1039 NS P 1 31P	Lead
WMS 01 NO IN 1039A NS P 1 32P	Lead
WMS 01 FA IN 1041 CF P 1 33P	Lead
WMS 01 KI IN 1046 KC P 1 34P	Lead
WMS 01 K1 IN 1046 KC P 1 35P	Lead
WMS 01 K1 IN 1046 KC P 1 36P	Lead
WMS 01 HA IN 1049 DW P 1 37P	Lead
WMS 01 CA IN 1047 WC P 1 38P	Lead
WMS 01 CA BY 1046C WC P 1 39P	Lead
WMS BS BO IN 1048 SC P 1 40P	Lead
WMS BS BO IN 1048 SC P 1 40PA	Lead

Samples received at 2.0  $^{\circ}\,\text{C}$ 

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: J.C. Broderick	Client ID: 16-34262 (WLMS)
Date Sampled: 08/03/2016	Date Extracted: 08/18/2016
Date Received: 08/03/2016	Date Analyzed: 08/24/2016
Matrix: Potable Water	ELAP: #11693

# **Total Low Level Metals Analysis**

Preparation Method: EPA 200.5 Analytical Method: EPA 200.5

LAB ID#	CLIENT SAMPLE ID	PARAMETER	MDL	RESULT	UNITS	FLAG
6081001-01	WMS 01 CR IN 1064 CF P 1 1P	Lead	0.820	112	ug/L	5.E
6081001-02	WMS 01 CR IN 1064 CF F 1 1F	Lead	0.820	43.9	ug/L	5.E
6081001-03	WMS 01 CR IN 1065 CF P 1 2P	Lead	0.820	5.08	ug/L	4.B
6081001-05	WMS 01 HA IN 1071 DW P 1 3P	Lead	0.820	15.7	ug/L	5.E
6081001-06	WMS 01 HA IN 1071 DW F 1 3F	Lead	0.820	62.3	ug/L	5.E
6081001-07	WMS 01 OF IN 1069 CF P 1 4P	Lead	0.820	1.31	ug/L	4.B
6081001-09	WMS 01 HA BY 1092A DW P 1 5P	Lead	0.820	22.5	ug/L	5.E
6081001-10	WMS 01 HA BY 1092A DW F 1 5F	Lead	0.820	21.6	ug/L	5.E
6081001-11	WMS 01 BLR IN 1091 DW P 1 6P	Lead	0.820	74.6	ug/L	5.E
6081001-12	WMS 01 BLR IN 1091 DW F 1 6F	Lead	0.820	41.7	ug/L	5.E
6081001-13	WMS 01 FA IN 1047B CF P 1 7P	Lead	0.820	2.07	ug/L	4.B
6081001-15	WMS 01 GLR IN 1089 WC P 1 8P	Lead	0.820	1.04	ug/L	4.B
6081001-16	WMS 01 CR IN 1072 CF P 1 9P	Lead	0.820	8.65	ug/L	4.B
6081001-18	WMS BS CR IN 015 EC P 1 10P	Lead	0.820	7.41	ug/L	4.B
6081001-20	WMS BS CR IN 015 EC P 1 11P	Lead	0.820	<0.820	ug/L	4.B
6081001-22	WMS BS CR IN 015 EC P 1 12P	Lead	0.820	<0.820	ug/L	4.B
6081001-24	WMS BS CR IN 015 EC P 1 13P	Lead	0.820	<0.820	ug/L	4.B
6081001-26	WMS BS CR IN 015 EC P 1 14P	Lead	0.820	<0.820	ug/L	4.B
6081001-28	WMS BS CR IN 015 EC P 1 15P	Lead	0.820	4.98	ug/L	4.B
6081001-32	WMS 01 CR IN 1079 CF P 1 17P	Lead	0.820	3.29	ug/L	4.B
6081001-34	WMS 01 HA IN 1087 DW P 1 18P	Lead	0.820	143	ug/L	5.E
6081001-36	WMS 01 HA BY 1085 DW P 1 19P	Lead	0.820	14.3	ug/L	5.E
6081001-38	WMS 01 CR 1086 CF P 1 20P	Lead	0.820	47.4	ug/L	5.E
6081001-40	WMS 01 CR IN NEW CONSTRUCTION CF P 1 21P	Lead	0.820	2.75	ug/L	4.B
6081001-42	WMS 01 LI IN NEW CONSTRUCTION CF P 1 22P	Lead	0.820	7.44	ug/L	4.B
6081001-44	WMS 01 HA IN NEW CONSTRUCTION WC P 1 23P	Lead	0.820	<0.820	ug/L	4.B
6081001-45	WMS 01 CR IN NEW CONSTRUCTION CF P 1 24P	Lead	0.820	16.9	ug/L	5.E
6081001-47	WMS 01 CR IN 1033 CF P 1 25P	Lead	0.820	16.3	ug/L	5.E
6081001-49	WMS 01 CR IN 1032 CF P 1 26P	Lead	0.820	162	ug/L	5.E
6081001-51	WMS 01 HA IN 1034 DW P 1 27P	Lead	0.820	7.06	ug/L	4.B

# **Total Low Level Metals Analysis**

Preparation Method: EPA 200.5 Analytical Method: EPA 200.5

LAB ID#	CLIENT SAMPLE ID	PARAMETER	MDL	RESULT	UNITS	FLAG
6081001-53	WMS 01 HA IN 1016 DW P 1 28P	Lead	0.820	8.97	ug/L	4.B
6081001-55	WMS 01 CR IN 1005 CF P 1 29P	Lead	0.820	193	ug/L	5.E
6081001-57	WMS 01 CR IN 1003A CF P 1 30P	Lead	0.820	23.3	ug/L	5.E
6081001-59	WMS 01 NO IN 1039 NS P 1 31P	Lead	0.820	5.05	ug/L	4.B
6081001-61	WMS 01 NO IN 1039A NS P 1 32P	Lead	0.820	<0.820	ug/L	4.B
6081001-63	WMS 01 FA IN 1041 CF P 1 33P	Lead	0.820	<0.820	ug/L	4.B
6081001-65	WMS 01 KI IN 1046 KC P 1 34P	Lead	0.820	1.40	ug/L	4.B
6081001-67	WMS 01 K1 IN 1046 KC P 1 35P	Lead	0.820	2.46	ug/L	4.B
6081001-69	WMS 01 K1 IN 1046 KC P 1 36P	Lead	0.820	2.81	ug/L	4.B
6081001-71	WMS 01 HA IN 1049 DW P 1 37P	Lead	0.820	7.93	ug/L	4.B
6081001-73	WMS 01 CA IN 1047 WC P 1 38P	Lead	0.820	0.986	ug/L	4.B
6081001-74	WMS 01 CA BY 1046C WC P 1 39P	Lead	0.820	<0.820	ug/L	4.B
6081001-75	WMS BS BO IN 1048 SC P 1 40P	Lead	0.820	25.0	ug/L	5.E
6081001-76	WMS BS BO IN 1048 SC P 1 40PA	Lead	0.820	<0.820	ug/L	4.B

# **Total Metals Analysis**

Preparation Method: DW-N/A

Analytical Method: EPA 200.9 Rev. 2.2

LAB ID#	CLIENT SAMPLE ID	PARAMETER	LOQ	RESULT	UNITS	FLAG
6081001-30	WMS BS CR IN 013 CF P 1 16P	Lead	1.00	14.3	ug/L	

## **Data Qualifiers Key Reference:**

Estimated value, Results may have a higher degree of uncertainty as a result of reporting to the MDL but below 4.B

5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.

MDL Minimum Detection Limit Limit of Quantitation LOQ



Lead In Water

JCB#: 16-34262

Chain of Custody Form

6081001

Date:

03 7 Result 0 ての 0 5 20 0 C BOTTLE ID/LABEL | Sample Date | Sample Time Tem/ 2.0 6081001 725 724 732 733 15 725 716 90 T 721 8/3/16 8/3/16 31/6/8 8/3/16 7) 2 8 8/3/6 8/3/16 8/3/16 8 13/1L 8/3/16 8/3/16 9 67 92 d H T E 60 0 5 38 Primary/Flush Number 0 **Outlet Type** 3 3 30 3 3 AHERA ID 1092A 1092A h 90 1069 107 6901 1065 1001 1065 [6] IN/BY 2 2 70 2 3 S 3 1 7 Building Floor Functional Space Code 1 BLR 4 1 イイ BLK 工 T T 0 0 0 UND OI 0 0 0 ō 0 0 0 0 5 MAS MMS MMS SWW. MM N. N. MAN N MS Code 200 MS CY2 Map Location 3 N C J I 2

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Ben Lamberson

Time:

Received By

Sampler's Signature:

Relinquished By:

Sampler's Name:

1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com J.C. Broderick Associates

Chain of Custody Form Lead In Water

JCB#: 16-34262

6081001

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Chain of Custody Form Lead In Water

JCB#: [6-34/26/2

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Page 3 of 7

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Chain of Custody Form Lead In Water

JCB#: 16-34262

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Lead In Water Chain of Custody Form

JCB#: 16-34262

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Page 5 of Date: 8516

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Ren Lamberson

Lead In Water Chain of Custody Form

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Special instructions:	Analyze Flush Samples (F) OMI Y when Drimary Cample overseds and the	MI V when	Drimary	male ownered Total

# Ren Lamberson

Chain of Custody Form Lead In Water

JCB#: 16-34262

6081001

Page 2 of 7 te: 8/3//16.

Date:

Map Location	Building	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush Number	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Result	r
38	10 CHM	01	CA	2	しまっ	3	d		988	8/3/14	922	73	>
39	NTWS 01	10	CA	. 69	79401	3	P	-	346	8/3/16	925	7	>
子	MMS	88	23	2	1048	SC	9		40h	1	933	12	>
97	NWS	85	090	2	1048	20	9	_	HOOT	1	937	2	>
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		15											
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Clent	Home	FSF									G		
Building Name and Address	and Address	V SAS	Wiedow law Middle Erlines	LEX June	I	Laboratory Name: Analyzed By	Z Z		Oate Th	Time Method	Method Of Analysis		

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb Method Of Analysis Lead Time emcguire@jcbroderick.com instructions to the Laboratory Turnaround Time: 6 tend 11. Laboratory Name: Analyzed By QC By Special instructions:

> 120 cents (me Less Hours wiedow law Middle Extrol

> > Sampler's Name; Sampler's Signature; Relinquished By:

Ren Lamberson



Monday, August 15, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: JCB #16-34262

Sample ID#s: BN87539, BN87541 - BN87544, BN87546, BN87548, BN87550, BN87552,

BN87554, BN87556, BN87558, BN87560, BN87562 - BN87564, BN87566 - BN87569, BN87571 - BN87577, BN87579, BN87581 - BN87585, BN87587 -

BN87593

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.

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,

Phvllis/Shiller

**Laboratory Director** 

NELAC - #NY11301

CT Lab Registration #PH-0618

MA Lab Registration #MA-CT-007
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

VT Lab Registration #VT11301







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informa	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:17
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87539

Project ID: JCB #16-34262

Client ID: 1 LMEC BS HA BY 0022 KC 1P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 1 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:20
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

<u>La</u>

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87541

Project ID: JCB #16-34262

Client ID: 2 LMEC BS HA BY 0025A WC 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

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Page 2 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:23
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "By" below		

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87542

Project ID: JCB #16-34262

Client ID: 3 LMEC BS HA BY 13 DW 3P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.054	0.001	1	mg/L	0.015		08/09/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/08/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

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Page 3 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:24
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "By" below		

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87543

Project ID: JCB #16-34262

Client ID: 3 LMEC BS HA BY 13 DW 3F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.026	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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Page 4 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ustody Information <u>Date</u>		<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:31
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Durch Danisanti	Otamalamal	A a l a .l. la	UD U		

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87544

Project ID: JCB #16-34262

Client ID: 4 LMEC 01 HA BY 1028 DW 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.014 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 5 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:35
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Duch Doguest	Ctondord	Analyzad by	and IID. III balann		

Rush Request: Standard Analyzed by: see "By" below P.O.#:

Laboratory Data SDG ID: GBN87539
Phoenix ID: BN87546

Project ID: JCB #16-34262

Client ID: 5 LMEC 01 FA IN 1010 KC 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.006 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 6 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:38
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Duah Daguasti	Ctondord	A so a luma al lauri			

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

P.O.#: Laboratory Data

SDG ID: GBN87539

Phoenix ID: BN87548

Project ID: JCB #16-34262

Client ID: 6 LMEC 01 CR IN 1011 KC 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.010 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 7 of 40 Ver 1







**Analysis Report** 

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/04/167:42Location Code:JC-BRODReceived by:LB08/05/1615:44

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

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87550

Project ID: JCB #16-34262

Client ID: 7 LMEC 01 HA BY 1023 DW 7P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.012 0.001 mg/L 0.015 08/09/16 LK E200.5 Completed 08/08/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 8 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:46
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87552

Project ID: JCB #16-34262

Client ID: 8 LMEC 01 CR IN 1021 KC 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.018	0.001	1	mg/L	0.015		08/09/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/08/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 9 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:48
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87554

Project ID: JCB #16-34262

Client ID: 9 LMEC 01 CR IN 1021 KC 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.008 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 10 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:53
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87556

Project ID: JCB #16-34262

Client ID: 10 LMEC 01 FA IN 1017 KC 10P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

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Phyllis Shiller, Laboratory Director

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# Environmental Laboratories, Inc.

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

**Analysis Report** 

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/04/167:56Location Code:JC-BRODReceived by:LB08/05/1615:44

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

P.O.#:

aboratory Data SDG ID: GBN87539

Phoenix ID: BN87558

Project ID: JCB #16-34262

Client ID: 11 LMEC 01 KI IN 1097 KC 11P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.006 0.001 mg/L 0.015 08/09/16 LK E200.5 Completed 08/08/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

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Phyllis Shiller, Laboratory Director

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 12 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:58
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87560

Project ID: JCB #16-34262

Client ID: 12 LMEC 01 KI IN 1097 KC 12P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.012 Completed	0.001	1	mg/L	0.015		08/09/16 08/08/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 13 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ation at ion	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:01
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Duch Doguest	Ctondord	Analyzad by	and IID: III hala		

Rush Request: Standard Analyzed by: see "By" below P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87562

Project ID: JCB #16-34262

Client ID: 13 LMEC 01 KI IN 1097 KC 13P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.089	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

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Page 14 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>iion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:02
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87563

Project ID: JCB #16-34262

Client ID: 13 LMEC 01 KI IN 1097 KC 13F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.008 Completed	0.001	1	mg/L	0.015		08/12/16 08/11/16	LK CB/RVM	E200.5 M E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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Page 15 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Informa	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:04
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87564

Project ID: JCB #16-34262

Client ID: 14 LMEC 01 KI IN 1097 KC 14P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.008 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:06
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "By" below		

Rush Request: Standard Analyzed by: see "By" below P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87566

Project ID: JCB #16-34262

Client ID: 15 LMEC 01 KI IN 1097 KC 15P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.033	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:07
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87567

Project ID: JCB #16-34262

Client ID: 15 LMEC 01 KI IN 1097 KC 15F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/12/16 08/11/16	LK CB/RVM	E200.5 M E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:08
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
	0				

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87568

Project ID: JCB #16-34262

Client ID: 16 LMEC 01 KI IN 1097 1M 16P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Informa	ation_	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:10
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87569

Project ID: JCB #16-34262

Client ID: 17 LMEC 01 HA BY 1098A DW 17P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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Page 20 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Inform	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:13
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
D 1 D 1	0				

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87571

Project ID: JCB #16-34262

Client ID: 18 LMEC 01 OF IN 1098A KC 18P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.052	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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Page 21 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:14
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "By" below		

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87572

Project ID: JCB #16-34262

Client ID: 18 LMEC 01 OF IN 1098A KC 18F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.033	0.001	1	mg/L	0.015		08/12/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/11/16	CB/RVI	л E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 22 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:17
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Ruch Request:	Standard	Analyzed by:	coo "Py" bolow		

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

<u>.</u>

\_aboratory Data SDG ID: GBN87539

Phoenix ID: BN87573

Project ID: JCB #16-34262

Client ID: 19 LMEC 01 HA BY 1089 DW 19P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.058	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 23 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u> <u>T</u>			
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:18		
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44		

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

P.O.#:

Laboratory Data

SDG ID: GBN87539

Phoenix ID: BN87574

Project ID: JCB #16-34262

Client ID: 19 LMEC 01 HA BY 1089 DW 19F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.011 Completed	0.001	1	mg/L	0.015		08/12/16 08/11/16	LK CB/RVN	E200.5 M E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 24 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:20
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87575

Project ID: JCB #16-34262

Client ID: 20 LMEC 01 FA IN 1086A KC 20P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.240	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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Page 25 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:21
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87576

Project ID: JCB #16-34262

Client ID: 20 LMEC 01 FA IN 1086A KC 20F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.021	0.001	1	mg/L	0.015		08/12/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/11/16	CB/RVI	и E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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### Environmental Laboratories, Inc.

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

**Analysis Report** 

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/04/168:23Location Code:JC-BRODReceived by:LB08/05/1615:44

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

P.O.#:

Laboratory Data

SDG ID: GBN87539

Phoenix ID: BN87577

Project ID: JCB #16-34262

Client ID: 21 LMEC 01 FA IN 1074 KC 21P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.004 0.001 mg/L 0.015 08/10/16 LK E200.5 Completed 08/09/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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SDG ID: GBN87539

Phoenix ID: BN87579

# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ation ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:26
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Durch Danisati	Ota in all a mal	A	"B " I I		

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

Project ID: JCB #16-34262 Client ID: 22 LMEC 01 HA BY 1067 DW 22P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informa	ation_	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:29
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Duck Deguest	Ctondord	A so a luma al lavu	"D "   -   -		

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87581

Project ID: JCB #16-34262

Client ID: 23 LMEC 01 HA BY 1056 DW 23P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.134	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:29
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "By" helow		

P.O.#:

Laboratory Data

SDG ID: GBN87539

Phoenix ID: BN87582

Project ID: JCB #16-34262

Client ID: 23 LMEC 01 HA BY 1056 DW 23F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.164	0.001	1	mg/L	0.015		08/12/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/11/16	CB/RVN	1 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Information	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:30
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Duck Doguceti	Ctondord	Analyzad by	a a a IID. II la al acce		

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87583

Project ID: JCB #16-34262

Client ID: 24 LMEC 01 HA BY 1083 DW 24P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.085	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	nation_	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:31
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Puch Poquect:	Standard	Analyzed by:	ooo "Dy" bolow		

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

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87584

Project ID: JCB #16-34262

Client ID: 24 LMEC 01 HA BY 1083 DW 24F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.034	0.001	1	mg/L	0.015		08/12/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/11/16	CB/RVI	л E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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SDG ID: GBN87539

Phoenix ID: BN87585

# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:32
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
	_				

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

Client ID: 25 LMEC 01 HA BY 1049 DW 25P

JCB #16-34262

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:35
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

P.O.#: Laboratory Data

SDG ID: GBN87539

Phoenix ID: BN87587

Project ID: JCB #16-34262

Client ID: 26 LMEC 01 HA BY 1039D DW 26P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.051	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 34 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Informa	ation_	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:35
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87588

Project ID: JCB #16-34262

Client ID: 26 LMEC 01 HA BY 1039D DW 26F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.013 Completed	0.001	1	mg/L	0.015		08/12/16 08/11/16	LK CB/RVN	E200.5 // E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 35 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>			
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:35		
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44		

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

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87589

Project ID: JCB #16-34262

Client ID: 27 LMEC 01 HA BY 1040B WC 27P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.013 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 36 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:35
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "By" below		

P.O.#:

Laboratory Data SDG ID: GBN87539

Phoenix ID: BN87590

Project ID: JCB #16-34262

Client ID: 28 LMEC BS CR IN 05 RC 28P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.041	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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### Environmental Laboratories, Inc.

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

**Analysis Report** 

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/04/168:35Location Code:JC-BRODReceived by:LB08/05/1615:44

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

<u>Laboratory Data</u>

SDG ID: GBN87539

Phoenix ID: BN87591

Project ID: JCB #16-34262

Client ID: 28 LMEC BS CR IN 05 RC 28F

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.008 0.001 mg/L 0.015 08/12/16 E200.5 Completed 08/11/16 CB/RVM E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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SDG ID: GBN87539

Phoenix ID: BN87592

# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:35
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

JCB #16-34262 Client ID: 29 LMFC BS ST IN 30 SC 29P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 15, 2016

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Page 39 of 40 Ver 1







# **Analysis Report**

August 15, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Information	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	8:35
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data

SDG ID: GBN87539

Phoenix ID: BN87593

Project ID: JCB #16-34262

Client ID: 29 LMFC BS ST IN 30 SC 29PA

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 15, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 40 of 40 Ver 1



# Environmental Laboratories, Inc.



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

QA/QC Report

August 15, 2016

QA/QC Data

SDG I.D.: GBN87539

Parameter	Blank	Blk RI	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 355405 (mg/L), C BN87588, BN87591)	2C Samp	ole No:	BN8/431	(BN875	63, BN8	3/56/,	BN8/5/	'2, BN8	/5/4, E	3N8/5/	6, BN8	7582, B	N8/584,
ICP Metals - Aqueous													
Lead	BRL	0.001	< 0.001	< 0.001	NC	102			101			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	'5-125%								
QA/QC Batch 355116 (mg/L), C	C Sam	ole No:	BN87509	(BN875	43, BN8	37562,	BN8756	64, BN8	7566, E	3N8756	8, BN8	7569, B	N87571)
ICP Metals - Aqueous													
Lead	BRL	0.001	0.002	0.002	NC	106			98.3			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	'5-125%								
QA/QC Batch 355027 (mg/L), C	C Sam	ole No:	BN87526	(BN875	39, BN8	37541,	BN8754	12)					
ICP Metals - Aqueous													
Lead	BRL	0.001	0.011	0.010	9.50	103			99.0			85 - 115	20
Comment:													
Additional: LCS acceptance range	e is 85-11	5% MS a	acceptance	e range 7	75-125%								
QA/QC Batch 355027A (mg/L), BN87558, BN87560)	QC Sar	nple No	: BN8754	4 (BN87	544, BI	N87546	5, BN875	548, BN	87550,	BN875	52, BN	187554,	BN87556,
ICP Metals - Aqueous													
Lead	BRL	0.001				103			101			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 355116A (mg/L), BN87587, BN87589, BN87590)		nple No	: BN8757	'3 (BN87	573, BI	N87575	5, BN875	577, BN	87579	BN875	81, BN	187583,	BN87585,
ICP Metals - Aqueous													
Lead	BRL	0.001				106			98.5			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 355117 (mg/L), C	C Sam	ole No:	BN87592	(BN875	92, BN8	37593)							
ICP Metals - Aqueous													
Lead	BRL	0.001	< 0.001	< 0.001	NC	109			105			85 - 115	20
Comment:													

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

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

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria Intf - Interference Phyllis/Shiller, Laboratory Director

August 15, 2016

**Sample Criteria Exceedences Report** Monday, August 15, 2016

# ROD

Page 1 of 2

Criteria: None	Jampio Jinona Excessa
Ciliena. None	GBN87539 - JC-BR
State: NY	OBN07333 - 00-BN

State.	INT						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN87542	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.054	0.001	0.015	0.001	mg/L
BN87542	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.054	0.001	0.015	0.015	mg/L
BN87543	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.026	0.001	0.015	0.001	mg/L
BN87543	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.026	0.001	0.015	0.015	mg/L
BN87552	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.018	0.001	0.015	0.001	mg/L
BN87552	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.018	0.001	0.015	0.015	mg/L
BN87562	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.089	0.001	0.015	0.001	mg/L
BN87562	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.089	0.001	0.015	0.015	mg/L
BN87566	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.033	0.001	0.015	0.001	mg/L
BN87566	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.033	0.001	0.015	0.015	mg/L
BN87571	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.052	0.001	0.015	0.001	mg/L
BN87571	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.052	0.001	0.015	0.015	mg/L
BN87572	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.033	0.001	0.015	0.001	mg/L
BN87572	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.033	0.001	0.015	0.015	mg/L
BN87573	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.058	0.001	0.015	0.001	mg/L
BN87573	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.058	0.001	0.015	0.015	mg/L
BN87575	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.240	0.001	0.015	0.001	mg/L
BN87575	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.240	0.001	0.015	0.015	mg/L
BN87576	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.021	0.001	0.015	0.001	mg/L
BN87576	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.021	0.001	0.015	0.015	mg/L
BN87581	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.134	0.001	0.015	0.001	mg/L
BN87581	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.134	0.001	0.015	0.015	mg/L
BN87582	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.164	0.001	0.015	0.001	mg/L
BN87582	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.164	0.001	0.015	0.015	mg/L
BN87583	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.085	0.001	0.015	0.001	mg/L
BN87583	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.085	0.001	0.015	0.015	mg/L
BN87584	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.034	0.001	0.015	0.001	mg/L
BN87584	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.034	0.001	0.015	0.015	mg/L
BN87587	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.051	0.001	0.015	0.001	mg/L
BN87587	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.051	0.001	0.015	0.015	mg/L

Monday, August 15, 2016
Sample Criteria Exceedences Report

•		
	GBN87539 -	JC-BROD

Criteria: None State: NY

State:	NY						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN87590	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.041	0.001	0.015	0.001	mg/L
BN87590	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.041	0.001	0.015	0.015	mg/L

Page 2 of 2

Phoenix Laboratories does not assume responsibility for the data contained in this 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.



### **Environmental Laboratories, Inc.**

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



# **NY Temperature Narration**

August 15, 2016

SDG I.D.: GBN87539

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Chain of Custody Form Lead In Water

24518 SEAC SEAC STAB 8 EST 8045 8 1246 STATE 87548 **8754** 200 Result STOKE J Outlet Type | Primary/Flush | Number | BOTTLE ID/LABEL | Sample Date | Sample Time | 7/7 0.5 738 25 35 23 м Л 739 186 736 724 9//////8 91/1/18 8/4/16 3/1/1/8 8/1/16 21/18 8/4/16 31/11/8 91/1/8 The state of the s 7 20 9 3 Q 9 36 7 N. S.F. 4 リア **♦** 3 3 70 レメ V V 7 J **AHERA ID** 0026A 0022 2200 1628 1028 0101 1610 <u>.</u> [3 1023  $\frac{1}{8}$ 101 <u>2</u> 100 IN/BY 2 7 B/-B. 67 By 3 5 D 8 Functional Space 芝工 Z N.H. T/A/I HA エオ FA FA X X 3  $\mathcal{L}$ Building Floar <u>G</u> 55 3 3 65 ŏ 6 5 LMEC OI 0 LMEC O) 0 DEC. LMEC LMEC LMEC LMRC LMEC LMEL LMEC Code LMEC LIMEL Map Location 2  $\omega$ T 0 9

Analyzed By QC By  (Ag Dy  (Ag Dy  (Ag D)	bortony トレンパ人 emcguire@icbroderick.com	Special Instructions: Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb
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J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form JCB#: 16-34262

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Page  $\frac{2}{8/4}$  of Date:

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RETREMENT TO THE LABORATION			
Turnaround Time: 546. 2017			

Intractions to the Laboratory
Turnaround Time: Steward ),
Emel Report to:
emcauire@ichroderick.com

al Instructions: Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

Charadi Le 8/5/16 1544

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form

Thain of Custody Form [6-34]262

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Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Outlet Type Primary/Flush Number	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Result
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J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form

Chain of Custody Form JCB#: 16.34262

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Map Location	Suilding	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Result
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23	LME COL	5	HT	` 25	1056	Div	P	~	236	84/6	224	8188
57	LMEC 01	0	茶	- <u>~</u>	(083	30	P	<u>.</u>	24P	&)4)1e	830	87583
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Special instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbh	ALY when f	rimary Sar	nole exceeds 20mbh

Charactine 85/16 1544

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water Chain of Custody Form

JCB#: 16-34262

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emcguire@jcbroderick.com 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire J.C. Broderick Associates

Lead In Water Chain of Custody Form

JCB#: 16-34262

emcguire@jcbroderick.com	derick.cor	٤				79755 (a) #801	7974				C	Trost	
Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	14.77.1	Number	Primary/Flush Number BOTTLE ID/LABEL	Sample Date	Sample	Result	
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12 C 1872		Contractor Contractor		Email Report to: emcguire@icbroderick.com		
- Received By:	end)	Date:	Time:	Special Instructions.		
			-	Analyze rush Sample exceeds 20pb	Primary Sam	ipie exceeds 20pbb

Sampler's Signature: Relinguished By: Chandline SPSIIG 1544



Thursday, August 04, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: 16-34262 AES

Sample ID#s: BN81165 - BN81167, BN81169 - BN81171, BN81173, BN81175, BN81177 -

BN81178, BN81180, BN81182, BN81184, BN81186, BN81188, BN81190, BN81192, BN81194 - BN81196, BN81198, BN81200, BN81202 - BN81206

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.

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 #MA-CT-007
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

VT Lab Registration #VT11301







# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	7:43
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Rush Request:	Standard	Analyzed by:	see "Ry" below		

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

Laboratory Data

SDG ID: GBN81165

Phoenix ID: BN81165

Project ID: 16-34262 AES

Client ID: 1 AES 1 BR IN 1053 BF/SC 1P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 1 of 27 Ver 1







SDG ID: GBN81165 Phoenix ID: BN81166

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information **Custody Information** Date Time DRINKING WATER 07/27/16 7:46 Matrix: Collected by: Received by: Location Code: JC-BROD SW 07/27/16 15:49

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

16-34262 AES 1 AES 1 BR IN 1053 BF/SC 1PA Client ID:

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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Page 2 of 27 Ver 1







SDG ID: GBN81165

Phoenix ID: BN81167

# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	7:48
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Duck Deguest	Ctondord	A a l a d la	IID II I I.		

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

16-34262 AES Client ID: 2 AES 1 HA BY 1014 DW 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	7:50
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81169

Project ID: 16-34262 AES

Client ID: 3 AES 1 KI IN 1021 KC 3P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.205	0.001	1	mg/L	0.015		07/28/16	LK	E200.5
*** Lead exceeds MCL levels ***							0=10=11.0		
Total Metal Digestion	Completed						07/27/16	T/BF/Z	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	7:50
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81170

Project ID: 16-34262 AES

Client ID: 3 AES 1 KI IN 1021 KC 3F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		07/31/16 07/29/16	LK CB/RVN	E200.5 // E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/27/167:51Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data SDG ID: GBN81165

Phoenix ID: BN81171

Project ID: 16-34262 AES

Client ID: 4 AES 1 KI IN 1021 KC 4P

RL/ DW Sec Parameter Result **PQL** DIL Units **MCL** Goal Date/Time Βv Reference Lead 0.006 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/27/167:52Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data SDG ID: GBN81165

Phoenix ID: BN81173

Project ID: 16-34262 AES

Client ID: 5 AES 1 KI IN 1021 KC 5P

RL/ DW Sec Parameter Result **PQL** DIL Units **MCL** Goal Date/Time Βv Reference Lead 0.009 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/27/167:53Location Code:JC-BRODReceived by:SW07/27/1615:49

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81175

Project ID: 16-34262 AES

Client ID: 6 AES 1 KI IN 1021 KC 6P

RL/ DW Sec Parameter Result **PQL** DIL Units **MCL** Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/27/167:55Location Code:JC-BRODReceived by:SW07/27/1615:49

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81177

Project ID: 16-34262 AES

Client ID: 7 AES 1 CA IN 1058 WC 7P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	<u>Custody Information</u> <u>D</u>			
Matrix:	DRINKING WATER	Collected by:		07/27/16	7:59
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81178

Project ID: 16-34262 AES

Client ID: 8 AES 1 HA BY 1077 DW 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:00
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Durala Danissati	Otavadaval	A a l a al la	"B " I I		

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81180

Project ID: 16-34262 AES

Client ID: 9 AES 1 HA BY 1085 DW 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.008 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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Page 11 of 27 Ver 1







# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation	<u>nation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:03
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Puch Poquect:	Standard	Applyzed by:	ooo "Dy" bolow		

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

Laboratory Data SDG ID: GBN81165

Phoenix ID: BN81182

Project ID: 16-34262 AES

Client ID: 10 AES 1 OF IN 1063 KC 10P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:05	
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49	
Rush Request:	Standard	Analyzed by:	see "Ry" below			

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

<u>Laboratory Data</u> SDG ID: GBN81165

Phoenix ID: BN81184

Project ID: 16-34262 AES

Client ID: 11 AES 1 HA BY 1066 DW 11P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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#### Environmental Laboratories, Inc.

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

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/27/168:07Location Code:JC-BRODReceived by:SW07/27/1615:49

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81186

Project ID: 16-34262 AES

Client ID: 12 AES 1 CR IN 403 CF/DW 12P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/27/168:08Location Code:JC-BRODReceived by:SW07/27/1615:49

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81188

Project ID: 16-34262 AES

Client ID: 13 AES 1 CR IN 404 CF/DW 13P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Inform	dy Information Date			
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:10	
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49	

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81190

Project ID: 16-34262 AES

Client ID: 14 AES 1 CR IN 401 CF/DW 14P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/02/16 07/28/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:12
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Duck Deguest	Ctondord	A a l a d la	IID II I I.		

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81192

Project ID: 16-34262 AES

Client ID: 15 AES 1 CR IN 402 CF/DW 15P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.006 Completed	0.001	1	mg/L	0.015		08/02/16 07/28/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:15
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Duck Deguest	Ctondord	A a l a d la	IID II I I.		

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

P.O.#: Laboratory Data

SDG ID: GBN81165

Phoenix ID: BN81194

Project ID: 16-34262 AES

Client ID: 16 AES 1 HA BY ALL PURPOSE WC 16P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:16
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Duck Doguceti	Ctondord	Analyzad by	and IID. III balann		

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

P.O.#: SDG ID: GBN81165

Phoenix ID: BN81195

Project ID: 16-34262 AES

Client ID: 17 AES 1 HA BY ALL PURPOSE WC 17P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK G/M/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

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Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:18
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81196

Project ID: 16-34262 AES

Client ID: 18 AES 1 CR IN 1025 DW 18P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK G/M/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:21	
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49	
Rush Request:	Standard	Analyzed by:	see "Ry" below			

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

Laboratory Data SDG ID: GBN81165

Phoenix ID: BN81198

Project ID: 16-34262 AES

Client ID: 19 AES 1 CR IN 1026 DW 19P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK G/M/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:26
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Duch Doguceti	Ctandard	Analyzad by	and IID. II balance		

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

Laboratory Data SDG ID: GBN81165

Phoenix ID: BN81200

Project ID: 16-34262 AES

Client ID: 20 AES 1 NO IN 1041A NS 20P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK G/M/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:28	
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49	
Rush Request:	Standard	Analyzed by:	see "Ry" helow			

Laboratory Data

SDG ID: GBN81165

Phoenix ID: BN81202

Project ID: 16-34262 AES

Client ID: 21 AES 1 OF IN 1043 CF 21P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.025	0.001	1	mg/L	0.015		07/30/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						07/28/16	G/M/BF	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:28	
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49	
Rush Request:	Standard	Analyzed by:	see "Ry" helow			

Laboratory Data

SDG ID: GBN81165

Phoenix ID: BN81203

Project ID: 16-34262 AES

Client ID: 21 AES 1 OF IN 1043 CF 21F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK AG/TH/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

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Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:30
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

<u>Laboratory Data</u>

SDG ID: GBN81165 Phoenix ID: BN81204

Project ID: 16-34262 AES

Client ID: 22 AES 1 HA BY 1044 DW 22P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.053	0.001	1	mg/L	0.015		07/30/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						07/28/16	G/M/BF	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:30
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81205

Project ID: 16-34262 AES

Client ID: 22 AES 1 HA BY 1044 DW 22F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.075	0.001	1	mg/L	0.015		08/02/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/01/16	AG/TH/Z	2 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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P.O.#:

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/27/16	8:32
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Durala Danissati	Otavadaval	A I I I	"B " I I		

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

<u>Laboratory Data</u>

SDG ID: GBN81165

Phoenix ID: BN81206

Project ID: 16-34262 AES

Client ID: 23 AES 1 KI IN 1018 IM 23P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		07/30/16 07/28/16	LK G/M/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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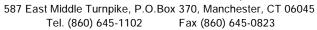
August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# Environmental Laboratories, Inc.





SDG I.D.: GBN81165

# QA/QC Report

August 04, 2016

# QA/QC Data

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 353991 (mg/L), Q	C Sam	ole No: I	BN80930	(BN811	70)								
ICP Metals - Aqueous				`	,								
Lead	BRL	0.001	0.003	0.003	NC	97.1			97.3			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	′5-125%								
QA/QC Batch 353877A (mg/L),	QC Sar	nple No	: BN8109	1 (BN81	195, Bľ	N81196	5, BN811	198, BN	81200	BN812	02)		
ICP Metals - Aqueous													
Lead	BRL	0.001				100			99.5			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	'5-125%								
QA/QC Batch 353850 (mg/L), Q	C Sam	ole No: I	BN81119	(BN811	88, BN	81190,	BN8119	2, BN8	1194)				
ICP Metals - Aqueous													
Lead	BRL	0.001	0.008	0.009	11.8	94.5			97.2			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	'5-125%								
QA/QC Batch 353757 (mg/L), Q	C Sam	ole No: I	BN81153	(BN811	65, BN8	81166,	BN8116	57)					
ICP Metals - Aqueous													
Lead	BRL	0.001	0.003	0.002	NC	97.9			97.7			85 - 115	20
Comment:													
Additional: LCS acceptance range			-	_									
QA/QC Batch 353757A (mg/L), BN81182, BN81184, BN81186)	QC Sar	nple No	: BN8116	9 (BN81	169, BI	N81171	, BN811	173, BN	81175	BN811	77, BN	J81178,	BN81180,
ICP Metals - Aqueous													
Lead	BRL	0.001				97.9			98.4			85 - 115	20
Comment:													
Additional: LCS acceptance range			-	_									
QA/QC Batch 354254 (mg/L), Q	C Sam	ole No: I	BN81203	(BN812	03, BN8	81205)							
ICP Metals - Aqueous													
Lead	BRL	0.001	0.002	0.002	NC	106			102			85 - 115	20
Comment:													
Additional: LCS acceptance range			-	_									
QA/QC Batch 353878 (mg/L), Q	C Sam	ole No: I	BN81204	(BN812	04, BN8	31206)							
ICP Metals - Aqueous													
Lead	BRL	0.001	0.053	0.055	3.70	99.9			101			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	'5-125%								

# QA/QC Data

SDG I.D.: GBN81165

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

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

August 04, 2016

Thursday, August 04, 2016
Sample Criteria Exceedences Report

Page 1 of 1

## GBN81165 - JC-BROD

Criteria: None State: NY

State:	NY						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN81169	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.205	0.001	0.015	0.001	mg/L
BN81169	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.205	0.001	0.015	0.015	mg/L
BN81202	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.025	0.001	0.015	0.001	mg/L
BN81202	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.025	0.001	0.015	0.015	mg/L
BN81204	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.053	0.001	0.015	0.001	mg/L
BN81204	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.053	0.001	0.015	0.015	mg/L
BN81205	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.075	0.001	0.015	0.001	mg/L
BN81205	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.075	0.001	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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.



## **Environmental Laboratories, Inc.**

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

# nelac 1

# **NY Temperature Narration**

August 04, 2016

SDG I.D.: GBN81165

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

emcguire@jcbroderick.com

Lead In Water

JCBH: 16-34262( Aes) Chain of Custody Form

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Result	5016	Silos	8/16/7	20118	27118	OLLIX		81172	81773	hL118	31.15	31716
Sample Time	7:43	9h: t	8h:z	7.48		1	1		51718 52:4	7:52	7:53 BILTS	7:53 81710
Sample Date	7/27	tc/t	te/t			1/27	tc/t	2/27	tc/t	7/27	4/27	7/27
Primary/Flush Number BOTTLE ID/LABEL	9	1PA	H	SF	35	34	dħ	±ħ	5P	54	29	79
Number	_		_		_		~	_	(	1	)	-
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Turnaround Time: Stand One	and ord	_		
Consil Dance of Co.				

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb emcguire@icbroderick.com

26 W (Page 2 of 1 Date: 1/27/16

Lead In Water

1084. Rot34262 (aes) **Chain of Custody Form** 

emcguire@jcbroderick.com

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

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	Result	1118	81178	1118	81180	18118	51182	51183	8118	3118	21186	RIIS	RIIR
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Instructions to the Laboratory			
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emcguire@jcbroderick.com Email Report to: Special Instructions:

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water

20 Chage 3 of 4
Date: 7/27/16.

Chain of Custody Form

JCB#: 16-34262 (Aes)

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Result	21189	21190	110118	21119	81193	21194	21195	21196	8119	\$119	81199	81200
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BOTTLE ID/LABEL	134	441	461	158	154	169	OH 1500	dsl	7	70	19F	206
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instructions to the Laboratory				
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Special Instructions:	Analyze Fluch Samples (F) ON! Y when Primary Sample exceeds 20ph	I V when I	rimary Sar	nile evreeds 20nh

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water

108#:16-34262 (Qes) Chain of Custody Form

2010 C Page 4 of 4 Date: 2/37/16.

Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	Primary/Flush Number BOTTLE ID/LABEL Sample Date Sample Time	Sample Date	Sample Time	Result
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Laboratory Name: Phoe Pix	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	Dete	Time	Methed Of Analysis
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Turneround Time: Stand and	. 0	_		
Emsil Report to:	emcguire@jcbroderick.com			
Special instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20phb	NLY when F	rimary Sar	mple exceeds 20pbb



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Ed McGuire

8/8/2016

J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 7/28/2016. The results are tabulated on the attached data pages for the following client designated project:

#### 16-34262 (EBS) / Levittown UFSD / E Broadway School 751 Seamans Neck Rd Seaford, NY 11783

The reference number for these samples is EMSL Order #011604839. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Chemistry Laboratory Manager



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted. NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: CustomerID: CustomerPO:

ProjectID:

011604839 JCBR50

Phone: (631) 584-5492

Fax:

Received: 07/28/16 12:00 AM

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 (EBS) / Levittown UFSD / E Broadway School 751 Seamans Neck Rd Seaford, NY 11783

		Analytical I	Result	S				
Client Sample Description	n 1P 1-EBS-1-CR-IN-1001-DW		•	Collected:	7/27/2016	Lab ID:	0001	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.27	1.00	μg/L	8/1/2016	EG	8/1/2016	EG
Client Sample Description	n 2P 2-EBS-1-CR-IN-1002-CF			Collected:	7/27/2016	Lab ID:	0003	
Method	Parameter	Result	RI	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.93		μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description				Collected:	7/27/2016	Lab ID:	0005	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.03	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	4P 4-EBS-1-CR-IN-1005-DW		(	Collected:	7/27/2016	Lab ID:	0007	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	58.4	2.00	μg/L	7/29/2016	EG	8/1/2016	EG
Client Sample Description	n 4F 4-EBS-1-CR-IN-1005-DW		•	Collected:	7/27/2016	Lab ID:	0008	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	30.6	1.00	μg/L	8/1/2016	EG	8/4/2016	EG
Client Sample Description	n 5P 5-EBS-1-CR-IN-1007-DW		(	Collected:	7/27/2016	Lab ID:	0009	
Method	Parameter	Result	RI	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	11.3		μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 6P 6EBS-1-CR-IN-1008-DW		(	Collected:	7/27/2016	Lab ID:	0011	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst

ND

1.00 µg/L

7/29/2016

EG

7/29/2016

EG

Lead

200.8



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http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

ProjectID:

011604839

JCBR50

CustomerPO:

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

Received: 07/28/16 12:00 AM

Project: 16-34262 (EBS) / Levittown UFSD / E Broadway School 751 Seamans Neck Rd Seaford, NY 11783

Analytical	Results
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		Analytical	1 Courts				
Client Sample Description	<b>n</b> 7P		Collected:	7/27/2016	Lab ID:	0013	
	7-EBS-1-CR-IN-1009-DW						
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.90	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 8P 8-EBS-1-CR-IN-1010-DW		Collected:	7/27/2016	Lab ID:	0015	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	20.6	1.00 μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 8F 8-EBS-1-CR-IN-1010-DW		Collected:	7/27/2016	Lab ID:	0016	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.59	1.00 μg/L	8/2/2016	EG	8/4/2016	EG
Client Sample Description	n 9P 9-EBS-1-CR-IN-1011-DW		Collected:	7/27/2016	Lab ID:	0017	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	6.26	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 10P 10-EBS-1-CR-IN-112-BF		Collected:	7/27/2016	Lab ID:	0019	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.03	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 11P 11-EBS-1-CR-IN-1014-BF		Collected:	7/27/2016	Lab ID:	0021	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.59	1.00 μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 13P 13-EBS-1-HA-BY-1033-DW		Collected:	7/27/2016	Lab ID:	0025	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 μg/L	7/29/2016	EG	7/29/2016	EG



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http://www.EMSL.com EnvChemistry2@emsl.com ProjectID:

EMSL Order:

CustomerID:

CustomerPO:

011604839

JCBR50

(631) 584-5492

Received: 07/28/16 12:00 AM

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 (EBS) / Levittown UFSD / E Broadway School 751 Seamans Neck Rd Seaford, NY 11783

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Phone:

Fax:

		Analytical	Resuit	.5				
Client Sample Description	on 14P 14-EBS-1-HA-BY-1045-DW		(	Collected:	7/27/2016	Lab ID:	0027	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	on 15P 15-EBS-1-FA-IN-1043-KC		1	Collected:	7/27/2016	Lab ID:	0029	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 16P 16-EBS-1-NO-IN-1050-NS			Collected:	7/27/2016	Lab ID:	0031	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.28	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	on 17P 17-EBS-1-NO-IN-1050-BF		1	Collected:	7/27/2016	Lab ID:	0033	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.22	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 18P 18-EBS-1-KI-IN-1055-KC			Collected:	7/27/2016	Lab ID:	0035	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	11.5	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 19P 19-EBS-1-KI-IN-1044-KC		•	Collected:	7/27/2016	Lab ID:	0037	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	9.71	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	on 20P 20-EBS-1-KI-IN-10550KC			Collected:	7/27/2016	Lab ID:	0039	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.62	1.00	μg/L	7/29/2016	EG	7/29/2016	EG



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

EMSL Order: CustomerID:

011604839

JCBR50

CustomerPO: ProjectID:

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: Fax:

Received: 07/28/16 12:00 AM

(631) 584-5492

Project: 16-34262 (EBS) / Levittown UFSD / E Broadway School 751 Seamans Neck Rd Seaford, NY 11783

#### **Analytical Results**

1 21P 21-FRS-1-KI-IN-1055-KC		Collected:	7/27/2016	Lab ID:	0041	
Parameter	Result	RL Units	Prep Date	Analyst		Analyst
Lead	1./8	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
n 22P 22-EBS-1-KI-IN-1055-KC		Collected:	7/27/2016	Lab ID:	0043	
Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
Lead	1.55	1.00 μg/L	7/29/2016	EG	7/29/2016	EG
n 23P 23-EBS-1-CA-IN-1056-WC		Collected:	7/27/2016	Lab ID:	0045	
Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
Lead	ND	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
24P 24-EBS-1-HA-BY-1080-DW		Collected:	7/27/2016	Lab ID:	0046	
Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
Lead	1 75	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
	1.70					
n 25P 25-EBS-1-HA-BY-1072-DW	0	Collected:	7/27/2016	Lab ID:	0048	
<b>n</b> 25P	Result		7/27/2016 Prep Date	Lab ID:	0048 Analysis Date	Analyst
n 25P 25-EBS-1-HA-BY-1072-DW	·	Collected:	Prep		Analysis	
n 25P 25-EBS-1-HA-BY-1072-DW Parameter	Result	Collected:	Prep Date	Analyst EG	Analysis Date	Analyst
n 25P 25-EBS-1-HA-BY-1072-DW Parameter Lead n 26P	Result	Collected:  RL Units  1.00 µg/L	Prep Date 7/29/2016	Analyst EG	Analysis Date 7/29/2016 0050 Analysis	Analyst
25P 25-EBS-1-HA-BY-1072-DW Parameter Lead 1 26P 26-EBS-BS-BO-IN-1052-SC	<b>Result</b> 1.52	Collected:  RL Units  1.00 µg/L  Collected:	Prep Date 7/29/2016 7/27/2016 Prep	Analyst EG Lab ID:	Analysis Date 7/29/2016 0050 Analysis	Analyst EG
25P 25-EBS-1-HA-BY-1072-DW Parameter  Lead  26P 26-EBS-BS-BO-IN-1052-SC  Parameter	Result 1.52 Result	Collected:  RL Units  1.00 µg/L  Collected:  RL Units	Prep Date 7/29/2016 7/27/2016 Prep Date	Analyst EG  Lab ID:  Analyst EG	Analysis Date 7/29/2016 0050 Analysis Date	Analyst EG Analyst
Parameter Lead  1 26P 26-EBS-BS-BO-IN-1052-SC  Parameter  Lead  26P 26-EBS-BS-BO-IN-26P 26-EBS-BS-BO-IN-26P 26-EBS-BS-BO-IN-26PA	Result 1.52 Result	Collected:  RL Units  1.00 µg/L  Collected:  RL Units  1.00 µg/L	Prep Date 7/29/2016 7/27/2016 Prep Date 7/29/2016	Analyst EG  Lab ID:  Analyst EG	Analysis Date 7/29/2016 0050 Analysis Date 7/29/2016	Analyst EG Analyst
	21-EBS-1-KI-IN-1055-KC  Parameter  Lead  1 22P     22-EBS-1-KI-IN-1055-KC  Parameter  Lead  1 23P     23-EBS-1-CA-IN-1056-WC  Parameter  Lead  1 24P     24-EBS-1-HA-BY-1080-DW  Parameter	21-EBS-1-KI-IN-1055-KC  Parameter Result  Lead 1.78  1 22P	Parameter         Result         RL         Units           Lead         1.78         1.00         μg/L           1         22P         Collected:           22-EBS-1-KI-IN-1055-KC         Result         RL         Units           Lead         1.55         1.00         μg/L           1         23P         Collected:           23-EBS-1-CA-IN-1056-WC         Result         RL         Units           Lead         ND         1.00         μg/L           1         24P         Collected:           24-EBS-1-HA-BY-1080-DW         Result         RL         Units	21-EBS-1-KI-IN-1055-KC	Parameter   Result   RL   Units   Date   Analyst	Parameter   Result   RL   Units   Date   Analysis   Date   Anal

#### **Definitions:**

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

5

J.C. Broderick Associates

OrderID: 011604839

Building Name and Address

UFSD

E Broadway
751 Seamans
Seaford NY

NECK Rd [course

Analyzed By
QC By

콯

Method Of Analysis lead

NY 11783

Special Instructions

-1/29/14 S:00:00

23.6.

mail Report to:

emcguire@jcbroderick.com

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

retructions to the Leboratory

Furnaround Time: 5+6/46/4

Hauppauge, NY 11788 emcguire@jcbroderick.com Contact: Ed McGuire 1775 Expressway Dr. N.

> 011604839 Lead in Water

Chain of Custody Form

1CB#: 16-34762 (EBS)

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1008	1008	1007	1607	1005	1005	1004	1004	1002	1002	(00)	100]	AHERA ID
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GF	60	12	ds	UF	dp	U S	30	25	92	7	10	Number BOTTLE ID/LABEL Sample Date Sample Time
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				101	i f							Result

OrderID: 011604839

**Building Name and Address** 

E Broadway UFSD

Schoo

Amalyzed By

aboratory Name:

Time

Method Of Analysis Cead

special instructions:

Emcguire@jcbroderick.com

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

All Standes Submitted

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

Aug 727 4727

23.6.

Sur 727 4727

Seamon'S Neck Rd Ford NY 11783

Cevittewn

J.C. Broderick Associates emcguire@jcbroderick.com Contact: Ed McGuire Hauppauge, NY 11788 1775 Expressway Dr. N.

> 011604839 Lead In Water

Chain of Custody Form

JCB#: 16-34262(EBS)

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EBS	593	665	883	EBS	FBS	EBS	EBS.	EBS	EBS	EBS	FBS	Building Code
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7-27	737	7-27	7-27	7-27	7-27	7-27	7-27	7-27	7-27	7-27	7-27	Sample Date
8N/F	ANDIE	7,00	7:39 0	7:207	7,363	7:34	7:33	8:42	11.8	7:30	7:29	Sample Time
		(F) 1 1				FW3						Result

OrderID: 011604839

Contact: Ed McGuire Hauppauge, NY 11788 emcguire@jcbroderick.com 1775 Expressway Dr. N. J.C. Broderick Associates

> 011604839 Lead in Water

Chain of Custody Form

# JCB#: 16-34262 (EBS)

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		v: Date: Time:	OF THE PARTY OF TH	COLUMN	ord CY 11783	751 Seamans Necked	Bracedway School	FSD	

Laboratory Name:	EMSC	Date	Thre	Method Of Analysis
Analyzed By				,
QC BY				100 Z
				4
instructions to the Labo	oratory.	•		
Turnaround Time:	Standard	_		
Email Report to:	emcguire@jcbroderick.com			
	)			

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb > 7/29/12 S:000 23,6 C

Special Instructions:

OrderID: 011604839

Sampler's Name; Sampler's Signature;

leceived by:

Sea

11783

Instructions to the Laboratory

Turnaround Time: ALANCOCC

emcguire@jcbroderick com

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb

7 129 (U.S:OD-23, U.S.)

special instructions:

I Broadway School
151 Seamons Necked

Analyzed By
QC By

SNE

Method Of Analysis

lead

Building Name and Address

evitown OFSD

1775 Expressway Dr. N. Hauppauge, NY 11788
Contact: Ed McGuire
emcguire@jcbroderick.com

5

J.C. Broderick Associates

011604839 Lead in Water

Chain of Custody Form

Page 4 of 5 Date: 7-27-16

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7-27

18:24

Result

Map Location

Building Code

Floor Functional Space

IN/BY

AHERA ID

Outlet Type | Primary/Flush | Number | BOTTLE ID/LABEL | Sample Date | Sample Time

Code

Hauppauge, NY 11788 1775 Expressway Dr. N. J.C. Broderick Associates 5

emcguire@jcbroderick.com Contact: Ed McGuire

1CB#: 16-34264 EBS

**Chain of Custody Form** 

011604839 Lead in Water

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s 20pbb	exceeds	imary Sample	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	yże Flush San		Special Instructions:		Date: Ilme:		Received by:	a	Relinguished B
			k.com	re@icbroderic	emcguire@jcbroderick.com	Email Report to:	<u> </u>	AL TANK	10,70			Sampler's Name:
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  U	lea	7				QC BY	_	S VIECK	De Broad many shapely	1 m		
Anaiysis	Method Of Analysis	Thrue M	Date 1		10 m	Laboratory Name: Analyzed By			UFSD	3	Levittown UFSD	Client: Le
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200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Ed McGuire

8/8/2016

J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 7/28/2016. The results are tabulated on the attached data pages for the following client designated project:

# 16-34262 (GSA) / Levittown UFSD / Gardiners Ave School 610 Gardiners Ave Levittown, NY 11756

The reference number for these samples is EMSL Order #011604841. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Chemistry Laboratory Manager



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted. NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

EMSL Order: 011604841 CustomerID:

JCBR50

CustomerPO: ProjectID:

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

Received: 07/28/16 12:00 AM

Project: 16-34262 (GSA) / Levittown UFSD / Gardiners Ave School 610 Gardiners Ave Levittown, NY 11756

<b>Analy</b>	<i>i</i> tical	Results	
Allal	<i>ı</i> ucaı	<i>N</i> ESuits	•

Client Sample Description   2P   2-GSA-1-CR-IN-1000-DW   2P   2-GSA-1-CR-IN-1000-DW   2P   2-GSA-1-CR-IN-1000-DW   3P   3-GSA-1-HA-BY-1003-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1020-DW   3-GSA-1-HA-BY-1020-DW   3-GSA-1-HA-BY-1020-DW   3-GSA-1-HA-BY-1020-DW   3-GSA-1-HA-BY-1020-DW   3-GSA-1-HA-BY-1026-DW   3-GS									
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Anal	Client Sample Desc	•			Collected:	7/26/2016	Lab ID:	0001	
Collect Sample Description   2	Method	Parameter	Result	RL	Units	•	Analyst	_ •	Analyst
Analysis   Analysis	200.8				- ''				-
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Analyst   Date   Analyst   Date   Analyst   Date   Analyst   Date   Analyst   Date   D	Client Sample Desc				Collected:	7/26/2016	Lab ID:	0003	
Client Sample Description   3P   3-GSA-1-HA-BY-1003-DW   3-GSA-1-HA-BY-1003-DW   3-GSA-1-HA-BY-1003-DW   3-GSA-1-HA-BY-1003-DW   3-GSA-1-HA-BY-1003-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1006-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1010-DW   3-GSA-1-HA-BY-1020-DW   3-GSA-1-HA-BY-1026-DW   3-GSA-1-HA-BY-1026-	Method	Parameter	Result	RL	Units		Analyst	•	Analyst
Method   Parameter   Result   RL   Units   Prep Date   Analyst   Date   Analyst   Date   Analyst   Date   Analyst   Date   Da	200.8	Lead	ND	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Method         Parameter         Result         RL Units         Date         Analyst         Date         Analyst           200.8         Lead         ND         1.00 µg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         4P 4-GSA-1-HA-BY-1006-DW         Collected:         7/26/2016         Lab ID:         0007           Method         Parameter         Result         RL Units         Date         Analyst         Analyst           200.8         Lead         1.57         1.00 µg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         5P 5-GSA-1-HA-BY-1010-DW         Collected:         7/26/2016         Lab ID:         0009           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         2.40         1.00 µg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         6P 6-GSA-1-HA-BY-1020-DW         Collected:         7/26/2016         Lab ID:         0011           Method         Parameter         Result         RL         Units         Prep Date         Analyst	Client Sample Desc				Collected:	7/26/2016	Lab ID:	0005	
ND   1.00   µg/L   7/29/2016   EG   7/29/2016   EG	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Date   Date   Date   D	200.8	Lead	ND	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         1.57         1.00         μg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         5P         Collected:         7/26/2016         Lab ID:         0009           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         2.40         1.00         μg/L         7/26/2016         Lab ID:         0011           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         3.74         1.00         μg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         7P         3.74         1.00         μg/L         7/29/2016         EG         7/29/2016         EG           Collected:         7/26/2016         Lab ID:         0013	Client Sample Desc				Collected:	7/26/2016	Lab ID:	0007	
Collected: 7/26/2016   Lab ID: 0009	Method	Parameter	Result	RL	Units		Analyst	_ •	Analyst
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Dat	200.8	Lead	1.57	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         2.40         1.00         µg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         6P 6-GSA-1-HA-BY-1020-DW         Collected:         7/26/2016         Lab ID:         0011           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         3.74         1.00         µg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description         7P 7-GSA-1-HA-BY-1026-DW         Collected:         7/26/2016         Lab ID:         0013           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst	Client Sample Desc				Collected:	7/26/2016	Lab ID:	0009	
Collected: 7/26/2016   Lab ID: 0011	Method	Parameter	Result	RL	Units		Analyst	-	Analyst
Method   Parameter   Result   RL   Units   Prep   Date   Analyst   Date   Dat	200.8	Lead	2.40	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         3.74         1.00         μg/L         7/29/2016         EG         7/29/2016         EG           Client Sample Description 7P 7-GSA-1-HA-BY-1026-DW         7/26/2016         Lab ID:         0013           Method         Parameter         Result         RL         Units         Prep Date         Analysis Date         Analysis Date         Analysis	Client Sample Desc				Collected:	7/26/2016	Lab ID:	0011	
Client Sample Description 7P Collected: 7/26/2016 Lab ID: 0013 7-GSA-1-HA-BY-1026-DW  Method Parameter Result RL Units Date Analysis Date Analysis	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
7-GSA-1-HA-BY-1026-DW  Prep Analysis  Method Parameter Result RL Units Date Analyst Date Analyst	200.8	Lead	3.74	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Method Parameter Result RL Units Date Analyst Date Analyst	Client Sample Desc				Collected:	7/26/2016	Lab ID:	0013	
200.8 Lead ND 1.00 μg/L 7/29/2016 EG 7/29/2016 EG	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
	200.8	Lead	ND	1.00	μg/L	7/29/2016	EG	7/29/2016	EG



#### **EMSL** Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com EMSL Order: CustomerID:

011604841 JCBR50

CustomerPO: ProjectID:

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492 Fax:

Received: 07/28/16 12:00 AM

Project: 16-34262 (GSA) / Levittown UFSD / Gardiners Ave School 610 Gardiners Ave Levittown, NY 11756

	4	Allalytical	Nosun	.3				
Client Sample Description			(	Collected:	7/26/2016	Lab ID:	0015	
Method	8-GSA-1-HA-BY-1030-DW  Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	9P 9-GSA-1-HA-BY-1040-DW		(	Collected:	7/26/2016	Lab ID:	0017	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.06	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	on 10P 10-GSA-1-NO-IN-10450BF/NS			Collected:	7/26/2016	Lab ID:	0019	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.03	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 11P 11-GSA-1-FA-IN-1047-FA/KC			Collected:	7/26/2016	Lab ID:	0021	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	26.3	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	n 11F 11-GSA-1-FA-IN-1047-FA/KC		•	Collected:	7/26/2016	Lab ID:	0022	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.16	1.00	μg/L	8/1/2016	EG	8/4/2016	EG
Client Sample Description	n 12P 12-GSA-1-HA-BY-1048-DW		(	Collected:	7/26/2016	Lab ID:	0023	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.34	1.00	μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Description	on 13P 13-GSA-1-HA-BY-1062-DW		(	Collected:	7/26/2016	Lab ID:	0025	
Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.47	1.00	μg/L	7/29/2016	EG	7/29/2016	EG



#### **EMSL** Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com

EnvChemistry2@emsl.com

Phone:

(631) 584-5492

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

011604841

JCBR50

Fax:

Received: 07/28/16 12:00 AM

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16-34262 (GSA) / Levittown UFSD / Gardiners Ave School 610 Gardiners Ave Levittown, NY 11756

<b>Analytical Re</b>	sults
----------------------	-------

		Analytical	Results				
Client Sample Descrip			Collected:	7/26/2016	Lab ID:	0027	
Method	14-GSA-1-HA-BY-1077-DW  Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.26	1.00 μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Descrip	ntion 15P 15-GSA-1-CA-IN-1043-CF		Collected:	7/26/2016	Lab ID:	0029	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.28	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Descrip	ntion 16P 16-GSA-1-CA-IN-1043-WC		Collected:	7/26/2016	Lab ID:	0031	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 µg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Descrip	ntion 17P 17-GSA-1-KI-IN-1043C-KC		Collected:	7/26/2016	Lab ID:	0032	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.15	1.00 µg/L	7/29/2016	EG	8/1/2016	EG
Client Sample Descrip	ntion 18P 18-GSA-1-KI-IN-1043C-KC		Collected:	7/26/2016	Lab ID:	0034	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.62	1.00 μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Descrip	otion 19P 19-GSA-1-KI-IN-1043C-KC		Collected:	7/26/2016	Lab ID:	0036	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	80.2	2.00 μg/L	7/29/2016	EG	8/1/2016	EG
Client Sample Descrip	19F 19-GSA-1-KI-IN-1043C-KC		Collected:	7/26/2016	Lab ID: (	0037	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.46	1.00 µg/L	8/1/2016	EG	8/4/2016	EG



#### **EMSL** Analytical, Inc.

**200 Route 130 North, Cinnaminson, NJ 08077** Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2

358-4571 EnvChemistry2@emsl.com

(631) 584-5492

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

011604841

JCBR50

Phone: Fax:

Received: 07/28/16 12:00 AM

Attn: Ed McGuire
J.C. Broderick & Associates
1775 Expressway Drive North
Hauppauge, NY 11788

Project: 16-34262 (GSA) / Levittown UFSD / Gardiners Ave School 610 Gardiners Ave Levittown, NY 11756

#### **Analytical Results**

		Analytical					
Client Sample Desc	ription 20P 20-GSA-BS-BO/LS-IN-0014-S0		Collected:	7/26/2016	Lab ID:	0038	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1100	25.0 μg/L	7/29/2016	LY	8/1/2016	EG
Client Sample Desc	ription 20PA 20-GSA-BS-BO/LS-IN-0014-SG		Collected:	7/26/2016	Lab ID:	0039	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	70.6	5.00 μg/L	7/29/2016	EG	8/1/2016	EG
Client Sample Desc	ription 21P 21-GSA-1-ST-IN-0007-SC		Collected:	7/26/2016	Lab ID:	0040	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	14.3	1.00 μg/L	7/29/2016	EG	7/29/2016	EG
Client Sample Desc	ription 21PA 21-GSA-1-ST-IN-0007-SC		Collected:	7/26/2016	Lab ID:	0041	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.84	1.00 µg/L	7/29/2016	EG	7/29/2016	EG

#### **Definitions:**

 $\ensuremath{\mathsf{ND}}$  - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

OrderID: 011604841

611604841 Lead In Water Chain of Custody Form

emcguire@jcbroderick.com

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

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Result										-		
Sample Date Sample Time	918	8:16	8:17	8:18	02.8	8:21	8:23	h2:8	8.25	8:26	8:27	8, 28
Sample Date	7-26 8:16	7-26 8:16	7-26 8:	7-26 8:18	7-26 8 20	7-26 8:21	7-26 8:23	7-26 8:24	726 8.25	7-26 8:26	7-26 8.87	82:8 92-2
BOTTLE ID/LABEL	<u> </u>	エ	20	2F	30	3F	dh	UF	SP	SF	6 P	6F
Number				<u> </u>	~	l	+	1			_	1
Outlet Type Primary/Flush	d	$\sigma$	P	T	P	7	P	P	P	T	P	7
Outlet Type	$D\omega$	M₽	DW	DW	D <sub>C</sub>	DW	DW	200	DW	DW	DM	DW
AHERA ID	1001	1001	0001	0001	1002	1002	1006	2001	0101	0101	1020	0797
IN/BY	12	10	101	1.0	18%	181	64	184	87	84	6/	81
Functional Space Code	CR	CR	'CR	CR	HA	HA	HA	HA	HA	HA	HA	HA
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Building Code	h59	GSA	G54	654	654	GS.A	G54	G554	654	GSA	GSA	GSA
Map Location	_		2	7	3	N	4	4	5	7	و	9
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	Laboratory Name:	Darte	Time	Method Of An
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ā	Instructions to the Laboratory	i		
Г	Turnaround Time: Standard			
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	Special Instructions: Analyze Flush Samples (F) ONLY when Primary Sample exceeds 2	ONLY when I	rimary San	ple exceeds 2
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Clent Levittown UFSD	O UPSD		Laborator
Building Name and Address	GALIAINES AVE SCALL	Ave School	Anshzed QC By
	610 Charles Ave	As Ase	
Sampler's Name;	XO'O'S	S/175	Turrarou
Sampler's Signature:	non	7	Email Rep
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Laboratory Name: EAS		Darta	Time	Method Of Analysis
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QC By				アンター
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Instructions to the Laboratory				
Turnaround Time: Standard	dard			
Email Report to:	emcguire@jcbroderick.com			
Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	ILY when	Primary Sa	mple exceeds 20pbb
	-129/16 5:00m			
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OrderID: 011604841

Clicoted イン Lead In Water Chain of Custody Form

JCB#: 16-3/262 (G1SA)

emcguire@jcbroderick.com

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

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Clark Cevition OFSU	OFSD			Laboratory Name: 1277	121
Building Name and Address	Continues Ave School	128 9VH	1000	Analyzed By	
		) <		QC By	
	GIO GIGLAINELS CARE	といい	9		
	CRUITSON NY 11756	= >2	756	Instructions to the Laboratory	
Sempler's Name;	12.55	70/2		Turnaround Time: Standard	カイラング
Sampler's Signature:	Moss			Email Report to:	emcguire@icbroo
Relinguished By:	Received By:	Date:	Ime:	Special instructions:	Apralyze Flysh
1148					1
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Laboratory Name:	になられ	Derte	Tm.	Method Of Analysis
Analyzed By	1			, ,
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Instructions to the Laboratory	aboratory			
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			44	45.60

OrderID: 011604841

148409110

Chain of Custody Form Lead In Water

1CB#: 16-34262 (CoSA)

emcguire@jcbroderick.com

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Map Location			_	Functional Space	>0/14/	מו אמשחיי		Oriman,/Eluch	Number	ROTTIFIN/I AREI	Sample Date	Sample Time	Recult
_	Ű	_	Floor	Code		AHEKA IU	Outlet Type	Frimary/Flusin	iagilina.	פסוודיום/ ראמיר		Sample IIII	necour
23	15	Z5Z	~	HA	By	1062	DO	0		(3p	7-26	8:46	
	15	G-54		НД	By	7901	DO	$\sigma$	_	13 F	7-26 8: 47	8: 47	
	1,5	SA A	_	HA	12,	LLOI	DW	Q		140	7-26 8:49	6: Hd	
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٥	(F)	22	~	3	3	51701	フの	P		160	7-26	8:57	
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Date Time							Y when Primary Sa	7/00/	1830 2187)	
Laboratory Name: 12025	Analyzed By	OC By		Instructions to the Laboratory	Turnaround Time: Startach	Email Report to: emcguire@icbroderick.com	Special Instructions: Analyze Flysh Samples (F) ONLY when Primary Sample exceeds 20pbb	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
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Garliners And School 610 Cardiners Ave Received By: Clant Centform OFSD Sampler's Signature; Sempler's Name:

011604841

Lead In Water Chain of Custody Form

JCB#: [6-34762 (GSA)

emcguire@jcbroderick.com

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

r		<del></del>				 	<del></del>	 	 
Result						 			
Sample Time	8:06	9:11	9:12	9:23	4:25				
Sample Date	7-26 9:06	7-26	7-269:12	7-26	7-26 9:25				
BOTTLE ID/LABEL Sample Date Sample Time	16F	200	2004		1				
Number		-		1	1				
Primary/Flush Number	T	P	7	d	F	3			
Outlet Type	なし	SC	2C	78	36				
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Functional Space Code	KI	80/15/10	80/68	57	15				
Floor		88	20		_				
<b>Building</b> Code	GSA	G.S.A. 88	GSA BS	G.S.A.	GSA				
Map Location	51	02	02	12	12				
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	Laboratory Name: FMSC	Date Time	Method Of Analysis
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	Turnaround Time: 5+12014CVC		
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Time:	Special Instructions: Anytyze Fluxh Sau	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	y Sample exceeds 20pbb
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		1/20/15 2/152/1	}
		73	73.6

nadiners hve evittem ox

Received By:

Sampler's Signature Sampler's Name:



Friday, August 05, 2016

Attn: Mr Ed McGuire J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

**Project ID: 16-34262 LLE** 

Sample ID#s: BN83268 - BN83273, BN83275, BN83277 - BN83278, BN83280, BN83282 -

BN83283

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.

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

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007

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

VT Lab Registration #VT11301







**Analysis Report** 

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/29/167:34Location Code:JC-BRODReceived by:SW07/29/1616:33

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

Laboratory Data SDG ID: GBN83268

Phoenix ID: BN83268

Project ID: 16-34262 LLE

Client ID: 1 LLE 1 BR IN 1009 BF/SC 1P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.009 0.001 mg/L 0.015 08/02/16 LK E200.5 Completed 08/01/16 TH/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 1 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:37
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33
Duch Doguest	Ctondord	Analyzad by	and IID. III balann		

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

Laboratory Data SDG ID: GBN83268

Phoenix ID: BN83269

Project ID: 16-34262 LLE

Client ID: 1 LLE 1 BR IN 1009 BF/SC 1PA

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.018	0.001	1	mg/L	0.015		08/02/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/01/16	TH/BF	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 2 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:39
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33

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

<u>Laboratory Data</u>

SDG ID: GBN83268

Phoenix ID: BN83270

Project ID: 16-34262 LLE

Client ID: 2 LLE 1 HA BY 1009 WC 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 3 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:41
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33

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

<u>Laboratory Data</u>

SDG ID: GBN83268

Phoenix ID: BN83271

Project ID: 16-34262 LLE

Client ID: 3 LLE 1 CR IN 1002 DW 3P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.096	0.001	1	mg/L	0.015		08/02/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/01/16	TH/BF	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 4 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:41
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33

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

<u>Laboratory Data</u>

SDG ID: GBN83268

Phoenix ID: BN83272

Project ID: 16-34262 LLE

Client ID: 3 LLE 1 CR IN 1002 DW 3F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.007 Completed	0.001	1	mg/L	0.015		08/03/16 08/02/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

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Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 5 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:42
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33
Duch Deguest	Ctondord	Analyzad by	and IID. III balann		

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

Laboratory Data SDG ID: GBN83268

Phoenix ID: BN83273

Project ID: 16-34262 LLE

Client ID: 4 LLE 1 OF IN 1004 KC 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.012 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 6 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:45
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33

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

Laboratory Data SDG ID: GBN83268

Phoenix ID: BN83275

Project ID: 16-34262 LLE

Client ID: 5 LLE 1 CA IN 1017 KC 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 7 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:46
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33
Rush Request:	Standard	Analyzed by:	see "Ry" below		

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

<u>Laboratory Data</u>

SDG ID: GBN83268

Phoenix ID: BN83277

Project ID: 16-34262 LLE

Client ID: 6 LLE 1 CA IN 1017 BW 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 8 of 12 Ver 1







**Analysis Report** 

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/29/167:49Location Code:JC-BRODReceived by:SW07/29/1616:33

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

P.O.#:

Laboratory Data SDG ID: GBN83268

Phoenix ID: BN83278

Project ID: 16-34262 LLE

Client ID: 7 LLE 1 OF IN 1008 KC 7P

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.013 0.001 mg/L 0.015 08/02/16 LK E200.5 Completed 08/01/16 TH/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 9 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:50
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33
Duck Deguest	Ctondord	A a l a l la			

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

Laboratory Data SDG ID: GBN83268

Phoenix ID: BN83280

Project ID: 16-34262 LLE

Client ID: 8 LLE 1 KI IN 1013 KC 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.019	0.001	1	mg/L	0.015		08/02/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/01/16	TH/BF	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 10 of 12 Ver 1







## **Analysis Report**

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/29/16	7:52
Location Code:	JC-BROD	Received by:	SW	07/29/16	16:33
Duch Doguceti	Ctondord	Analyzad by	a a a IID. II la al acce		

Rush Request: Standard Analyzed by: see "By" below P.O.#:

Laboratory Data

SDG ID: GBN83268
Phoenix ID: BN83282

Project ID: 16-34262 LLE

Client ID: 9 LLE 1 KI IN 1013 BW 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK TH/BF	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 11 of 12 Ver 1





SDG ID: GBN83268

Phoenix ID: BN83283

#### Environmental Laboratories, Inc.

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

**Analysis Report** 

August 05, 2016

FOR: Attn: Mr Ed McGuire

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information **Custody Information** Date Time DRINKING WATER 07/29/16 7:55 Matrix: Collected by: Received by: Location Code: JC-BROD SW 07/29/16 16:33

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

16-34262 LLE 10 LLE 1 HA BY 1032 DW 10P Client ID:

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.006 0.001 mg/L 0.015 08/02/16 LK E200.5 Completed 08/01/16 TH E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 05, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 12 of 12 Ver 1



## Environmental Laboratories, Inc.



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

QA/QC Report

August 05, 2016

## QA/QC Data

SDG I.D.: GBN83268

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	Rec Limits	RPD Limits
QA/QC Batch 354259A (mg/L), (BN83278, BN83280, BN83282)	QC San	nple No:	BN8326	8 (BN83	268, BN	N83269	, BN832	270, BN	83271,	BN832	73, BN	83275,	BN83277,
ICP Metals - Aqueous													
Lead	BRL	0.001				104			96.8			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	cceptance	e range 7	5-125%	•							
QA/QC Batch 354389 (mg/L), Q	C Samp	ole No: E	3N83272	(BN832	72)								
ICP Metals - Aqueous													
Lead	BRL	0.001	0.007	0.006	15.4	104			103			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	cceptance	e range 7	5-125%.								
QA/QC Batch 354263 (mg/L), Q	C Samp	ole No: E	3N83283	(BN832	83)								
ICP Metals - Aqueous													
Lead	BRL	0.001	0.006	0.006	0	94.8			95.2			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	cceptance	e range 7	5-125%.								

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

August 05, 2016

Friday, August 05, 2016 Criteria: None

# Sample Criteria Exceedences Report GBN83268 - JC-BROD

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN83269	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.018	0.001	0.015	0.001	mg/L
BN83269	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.018	0.001	0.015	0.015	mg/L
BN83271	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.096	0.001	0.015	0.001	mg/L
BN83271	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.096	0.001	0.015	0.015	mg/L
BN83280	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.019	0.001	0.015	0.001	mg/L
BN83280	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.019	0.001	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



## **Environmental Laboratories, Inc.**

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



## **NY Temperature Narration**

August 05, 2016

**SDG I.D.: GBN83268** 

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

emcguire@jcbroderick.com J.C. Broderick Associates 1725 Expréssway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water

10-34262 (1e) Chain of Custody Form



Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number		Sample Date	Sample Time	Result
BR	٦.	1009	BF/sc	ф	ĺ	I.P	5/30	7:34	Sapes
BR	Й	1009	18t/sc	d	1	1 PA	be/t	7:37	83369
HA H	ha	1909	MC	d		AP AP	7/29	7:39	833710
CR	111	1002	Ma	d	1	36	4/29	16:4	83371
CK	7	1002	MO	4	1	35	7/39	-1h: ±	83370
10	υſ	1004	kc	$\mathcal{J}$	1	dh	7/33	26:7	83973
<del>)</del> (	۲	1004	KC	<i>&gt;</i>	/	3h	4/29	thit	83374
4	jn	1017	kC	q	1	5P	7/39	7:45	83375
<u> </u>	ػ	1017	kΩ	4	_	25	7/29	7:45	83376
*	M	1017	BW	P	_	6P	4/29	7:46.	45858
1	۲	1008	KC	P	)	46	t/29	4:49	REES
<b>り</b>	5	1008	kC	4	_	14	be/ ±	7:49.	83979
	100 00 00 00 00 00 00 00 00 00 00 00 00		3 - 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11 1009 12 1009 13 1009 13 1004 14 10024 15 1004 15 1004 15 1004 15 1004 15 1004 15 1004 15 1004 15 1004 15 1004	In/by         AHERA ID         Outlet Type         Primary/Flush           In         1009         64/SC         P           In         1009         84/SC         P           In         1009         WC         P           In         1002         DW         P           In         1004         RC         P           In         1004         RC         P           In         1014         RC         P           In         1017         RC         P           In         1017         RC         P           In         1017         RC         P           In         1008         RC         P           In         1008         RC         P           In         1008         RC         P	In/by         AHERA ID         Outlet Type         Primary/Flush           In         1009         64/SC         P           In         1009         84/SC         P           In         1009         WC         P           In         1002         DW         P           In         1004         RC         P           In         1004         RC         P           In         1014         RC         P           In         1017         RC         P           In         1017         RC         P           In         1017         RC         P           In         1008         RC         P           In         1008         RC         P           In         1008         RC         P	1009   64/5C   P   1   14   1009   64/5C   P   1   14   1009   1009   1009   1000	IN/BY         AHERA ID         Outlet Type         Primary/Flush         Number         BOTTLE ID/LABEL           In         1009         64/5C         P         I         IPA           In         1009         WC         P         I         IPA           In         1009         WC         P         I         IPA           In         1009         WC         P         I         AP           In         1004         KC         P         I         AP           In         1014         KC         P         I         AP           In         1014         KC         P         I         AP           In         1014         KC         P         I         AP           In         1017         BW         P         I         AP           In         1008         KC         P         I         AP           In         1008<	1009   64/SC   P   1   P   7/39   7:34     1009   64/SC   P   1   P   7/39   7:34     1009   04/SC   P   1   P   7/39   7:34     1000   04/SC   P   1   04   7/39   7:34     1000   04   04   P   1   04   7/39   7:34     1000   04   04   04   05   04   05   04   05   05

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QC By				7000
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Instructions to the Laboratory				
Turnaround Time: Standond	devo .			
Email Report to:	emcguire@jcbroderick.com			
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emcguire@jcbroderick.com J.C. Broderick Associates 1775 Exptessway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water Chain of Custody Form

108#:16-34262 (LLE)

Bate: 7 29/

√) ∞ 8	Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	Outlet Type   Primary/Flush   Number   BOTTLE ID/LABEL   Sample Date   Sample Time	Sample Date	Sample Time	Result
<u>ි</u>	le	_	ķí	UΙ	1013	k C	đ		8	4/39	7:50 8338	8658
٥	le		K.	Z	1013	KC	4		38	6e/±	7:50 8338	8338
0	lle		-Bus ki	M	(013	BW	d		90	60/£	2888 25:7	8338
) (1)	16		HA	hq	1032	DN	$\mathcal{J}$	1	106	br/±	7:55 8338	8688
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Laboratory Name: PW UC / I C. R.	በየጲ	Destre	Time	Methed Of Analysis
Anniyzed By				1
QC By				680
				-
Instructions to the Laboratory	•			
Turnare und Time: Stand and	and			
Email Report to:	emcguire@icbroderick.com			
Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	NLY when I	rimary Sar	nple exceeds 20pbb



Friday, July 29, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: 16-34264

Sample ID#s: BN81126, BN81128, BN81130, BN81132 - BN81133, BN81135, BN81137,

BN81139, BN81141, BN81143, BN81145, BN81147, BN81149, BN81151, BN81153, BN81155, BN81157, BN81159, BN81161, BN81163 - BN81164

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.

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 #MA-CT-007
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

VT Lab Registration #VT11301







## **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:00
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

<u>Laboratory Data</u>

SDG ID: GBN81126

Phoenix ID: BN81126

Project ID: 16-34264

Client ID: 1 LRE 01 NO IN 1034 NS 1P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK TN/BF/	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 1 of 21 Ver 1







**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:03Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data SDG ID: GBN81126

Phoenix ID: BN81128

Project ID: 16-34264

Client ID: 2 LRE 01 KI IN 1031 KC 2P

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 TN/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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SDG ID: GBN81126

Phoenix ID: BN81130

## **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informa	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:07
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

P.O.#:

Project ID:

Client ID: 3 LRE 01 CA IN 1030 CF 3P

16-34264

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK TN/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

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## **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:26
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
Durale Danissati	Otavadaval	A I I I	"B " I I		

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

<u>Laboratory Data</u>

SDG ID: GBN81126

Phoenix ID: BN81132

Project ID: 16-34264

Client ID: 4 LRE 01 HA BY 1016 WC 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK TN/BF/2	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

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SDG ID: GBN81126

Phoenix ID: BN81133

**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:26Location Code:JC-BRODReceived by:SW07/27/1615:49

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

Project ID: 16-34264

Client ID: 5 LRE 01 CR IN 1015 CF 5P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.009 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 TN/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

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## **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:27Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data SDG ID: GBN81126

Phoenix ID: BN81135

Project ID: 16-34264

Client ID: 6 LRE 01 FO IN 1011 CF 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.006 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

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SDG ID: GBN81126

Phoenix ID: BN81137

**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information **Custody Information** Date Time DRINKING WATER 07/26/16 Matrix: Collected by: 8:29 Received by: Location Code: JC-BROD SW 07/27/16 15:49

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

P.O.#:

Project ID: 7 LRE 01 CR IN 1007 CF/DW 7P Client ID:

16-34264

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.001 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29. 2016

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SDG ID: GBN81126

Phoenix ID: BN81139

## **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Informat	<u>ion</u>	<u>Date</u>		
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:32	
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49	

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

P.O.#:

Client ID:

Project ID: 16-34264

8 LRE 01 CR IN 1005 CF/DW 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.004 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

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## **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:34
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
	<b>6</b> : 1 1				

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

<u>Laboratory Data</u>

SDG ID: GBN81126

Phoenix ID: BN81141

Project ID: 16-34264

Client ID: 9 LRE 01 CR IN 1003 CF/DW 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.004 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29. 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:35Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data

SDG ID: GBN81126

Phoenix ID: BN81143

Project ID: 16-34264

Client ID: 10 LRE 01 CR IN 1001 CF/DW 10P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.006 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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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July 29, 2016

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SDG ID: GBN81126

Phoenix ID: BN81145

# **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:37Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Project ID:

Client ID: 11 LRE 01 CR IN 1004 CF/DW 11P

16-34264

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.004 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

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# **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:39
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

<u>Laboratory Data</u>

SDG ID: GBN81126

Phoenix ID: BN81147

Project ID: 16-34264

Client ID: 12 LRE 01 CR IN 1006 CF/DW 12P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.006 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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# **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:43
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49
D 1 D 1	0, 1, 1				

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

P.O.#:

Laboratory Data SDG ID: GBN81126

Phoenix ID: BN81149

Project ID: 16-34264

Client ID: 13 LRE 01 CR IN 1021 CF/DW 13P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

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July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

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**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:45Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data SDG ID: GBN81126

Phoenix ID: BN81151

Project ID: 16-34264

Client ID: 14 LRE 01 CR IN 1019 CF/DW 14P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.002 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 14 of 21 Ver 1







**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:47Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

aboratory Data SDG ID: GBN81126

Phoenix ID: BN81153

Project ID: 16-34264

Client ID: 15 LRE 01 CR IN 1018 CF/DW 15P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.003 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 15 of 21 Ver 1







# **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	8:50
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

P.O.#:

Laboratory Data SDG ID: GBN81126

Phoenix ID: BN81155

Project ID: 16-34264

Client ID: 16 LRE 01 CR IN 1020 CF/DW 16P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.008 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 16 of 21 Ver 1







**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:53Location Code:JC-BRODReceived by:SW07/27/1615:49

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

<u>Laboratory Data</u>

SDG ID: GBN81126

Phoenix ID: BN81157

Project ID: 16-34264

Client ID: 17 LRE 02 CR IN 2013 CF/DW 17P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.007 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 17 of 21 Ver 1







**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/168:55Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data

SDG ID: GBN81126

Phoenix ID: BN81159

Project ID: 16-34264

Client ID: 18 LRE 02 CR IN 2014 CF/DW 18P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.006 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 18 of 21 Ver 1







# **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	9:00
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

<u>Laboratory Data</u>

SDG ID: GBN81126 Phoenix ID: BN81161

Project ID: 16-34264

Client ID: 19 LRE 02 CR IN 2012 CF/DW 19P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.013 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 19 of 21 Ver 1







# **Analysis Report**

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/26/16	9:05
Location Code:	JC-BROD	Received by:	SW	07/27/16	15:49

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

<u>Laboratory Data</u>

SDG ID: GBN81126

Phoenix ID: BN81163

Project ID: 16-34264

Client ID: 20P1 LRE 01 BO IN SS/SC 20P1

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		07/28/16 07/27/16	LK T/BF/Z	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 20 of 21 Ver 1







**Analysis Report** 

July 29, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/26/169:08Location Code:JC-BRODReceived by:SW07/27/1615:49

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

P.O.#:

Laboratory Data SDG ID: GBN81126

Phoenix ID: BN81164

Project ID: 16-34264

Client ID: 20P2 LRE 01 BO IN SS/SC 20P2

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 07/28/16 E200.5 Completed 07/27/16 T/BF/Z E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

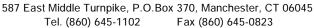
July 29, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 21 of 21 Ver 1



### Environmental Laboratories, Inc.





# QA/QC Report

July 29, 2016

# QA/QC Data

SDG I.D.: GBN81126

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	RPD	MS %	MSD %	MS RPD	Rec Limits	RPD Limits
QA/QC Batch 353747 (mg/L), (	QC Sam	ple No: I	BN81116	(BN811	26, BN	81128,	BN8113	80, BN8	1132)				
ICP Metals - Aqueous													
Lead Comment:	BRL	0.001	0.066	0.067	1.50	102			104			85 - 115	20
Additional: LCS acceptance rang	e is 85-11	15% MS a	acceptance	e range 7	′5-125%								
QA/QC Batch 353747A (mg/L) BN81147, BN81149, BN81151		mple No	: BN8113	3 (BN81	133, BI	N81135	5, BN811	137, BN	81139,	BN811	41, BN	181143,	BN81145,
ICP Metals - Aqueous													
Lead	BRL	0.001				102			101			85 - 115	20
Comment:													
Additional: LCS acceptance rang	e is 85-11	15% MS a	acceptance	e range 7	′5-125%								
QA/QC Batch 353757 (mg/L), (	QC Sam	ple No: I	BN81153	(BN811	53, BN	81155,	BN8115	7, BN8	1159, E	3N8116	1, BN8	1163, B	N81164)
ICP Metals - Aqueous													
Lead Comment:	BRL	0.001	0.003	0.002	NC	97.9			97.7			85 - 115	20

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

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

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

July 29, 2016

Friday, July 29, 2016 Criteria: None

**Sample Criteria Exceedences Report GBN81126 - JC-BROD** 

State: NY \*\*\* No Data to Display \*\*\*

RLAnalysis SampNo Acode Phoenix Analyte Criteria Result RL Criteria Criteria Units

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



# **Environmental Laboratories, Inc.**

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



# **Analysis Comments**

July 29, 2016 SDG I.D.: GBN81126

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



# **Environmental Laboratories, Inc.**

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

# nelace NY# 11301

# **NY Temperature Narration**

July 29, 2016

SDG I.D.: GBN81126

The samples in this delivery group were received at 20°C. (Note acceptance criteria is above freezing up to 6°C)

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form JCB#: (6-3/264

Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Result
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7	LRE	Ō	141	3	(50)	5.C	4	_	32	7/26		Daix
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QC By				インツー
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Instructions to the Laboratory				,
Turnaround Time:	5781X			
Emeli Report to:	emcguire@icbroderick.com			
Special instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	ILY when F	rimary San	nple exceeds 20pbb

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water Chain of Custody Form

192hs - 31 "#BIT

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Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	BOTTLE ID/LABEL		Sample Date Sample Time	Result
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Instructions to the Laboratory		
Turnaround Time:		
Emeil Report to: emcguira@ichroderick.com	X.com	
Special Instructions: Analyze Flush Samples (F) ONLY when Primary Cample exceeded 20044	nples (F) ONLY when Primar	v Cample exceeds 10.56

3.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

emcguire@jcbroderick.com

Lead In Water

Chain of Custody Form

JCH: 16 - 31/264

20 NVC
Page 3 of C

Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	Number BOTTLE ID/LABEL	Sample Date	Sample Time	Result
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QC By				人の
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Instructions to the Laboratory	horatory			

Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb ocial instructions:

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water Chain of Custody Form

JOS 16- 34761

Building Fun	Fun	FE	Functional Space									
Code	Code	Code	<b>≗</b>	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	Primary/Flush Number BOTTLE ID/LABEL Sample Date Sample Time	Sample Date	Sample Time	Result
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Instructions to the Laboratory	aboratory /			
Turnaround Time:	からない			
Emed Report to:	emcguire@icbroderick.com			
Special Instructions:		1		ı



200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Ed McGuire** 

8/10/2016

J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/2/2016. The results are tabulated on the attached data pages for the following client designated project:

# 16.34262 (NSE) / Levittown UFSD / Northside Elementary 35 Pelican Rd Levittown, NY 11756

The reference number for these samples is EMSL Order #011604925. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Chemistry Laboratory Manager



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted. NELAP Certifications: NJ 03036, NY 10872, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (856) 303-2500 / (856) 858-4571

http://www.EMSL.com EnvChemistry2@emsl.com

CustomerID: CustomerPO:

EMSL Order:

011604925

JCBR50

ProjectID:

Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Phone: (631) 584-5492

Fax:

Received: 08/02/16 5:00 AM

Project: 16.34262 (NSE) / Levittown UFSD / Northside Elementary 35 Pelican Rd Levittown, NY 11756

<b>Analytical Results</b>
---------------------------

Client Sample Description   1									
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Da	Client Sample Des	•		C	Collected:	7/29/2016	Lab ID:	0001	
Collect Sample Description   Face	Method	Parameter	Result	RL	Units	•	Analyst	_	Analvst
NSE-1-FA-10-1039-KC	200.8								-
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Bottom   Date   Analyst   Date	Client Sample Des			C	Collected:	7/29/2016	Lab ID:	0002	
Client Sample Description   2P   NSE-1-CR-IN-1041-CF   NSE-1-CR-IN-1041-CF   NSE-1-CR-IN-1041-CF   NSE-1-CR-IN-1041-CF   NSE-1-CR-IN-1041-CF   NSE-1-CR-IN-1040-CF   NSE-1-CR-	Method	Parameter	Result	RL	Units		Analyst	•	Analyst
NSE-1-CR-IN-1041-CF	200.8	Lead	5.17	1.00	μg/L	8/5/2016	EG	8/5/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         3.35         1.00         µg/L         8/2/2016         EG         8/4/2016         EG           Client Sample Description         3P         Collected:         7/29/2016         Lab ID:         0005           Method         Parameter         Result         RL         Units         Date         Analyst         Analyst           200.8         Lead         23.6         1.00         µg/L         8/3/2016         EG         8/3/2016         EG           Client Sample Description         3F         Collected:         7/29/2016         Lab ID:         0006           Method         Parameter         Result         RL         Units         Prep         Analyst         Analyst           200.8         Lead         12.4         1.00         µg/L         8/5/2016         EG         8/5/2016         EG           Client Sample Description         4P         Collected:         7/29/2016         Lab ID:         0007           Method         Parameter         Result         RL         Units         Prep         Analyst	Client Sample Des	•		C	Collected:	7/29/2016	Lab ID:	0003	
Client Sample Description   3P   NSE-1-CR-IN-1040-CF   NSE-1-CR-IN-1024-CF   NSE-1-CR-IN-1024-CF   NSE-1-CR-IN-1024-CF   NSE-1-CR-IN-1023-CF   NSE-1-CR-	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
NSE-1-CR-IN-1040-CF	200.8	Lead	3.35	1.00	μg/L	8/2/2016	EG	8/4/2016	EG
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Analyst   Date   Analyst   Date   Analyst   Date   Analyst   Date    Client Sample Des			C	Collected:		Lab ID:	0005		
Collected: 7/29/2016   Lab ID: 0006	Method	Parameter	Result	RL	Units		Analyst	_	Analyst
NSE-1-CR-IN-1040-CF	200.8	Lead	23.6	1.00	μg/L	8/3/2016	EG	8/3/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         12.4         1.00         µg/L         8/5/2016         EG         8/5/2016         EG           Client Sample Description         4P NSE-1-CR-IN-1024-CF         Collected:         7/29/2016         Lab ID:         0007           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst           200.8         Lead         3.79         1.00         µg/L         8/2/2016         EG         8/4/2016         EG           Client Sample Description         5P NSE-1-CR-IN-1023-CF         Collected:         7/29/2016         Lab ID:         0009           Method         Parameter         Result         RL         Units         Prep Date         Analyst         Analyst	Client Sample Des	• •		C	Collected:	7/29/2016	Lab ID:	0006	
Collected: 7/29/2016   Lab ID: 0007	Method	Parameter	Result	RL	Units		Analyst	-	Analyst
NSE-1-CR-IN-1024-CF	200.8	Lead	12.4	1.00	μg/L	8/5/2016	EG	8/5/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         3.79         1.00 μg/L         8/2/2016         EG         8/4/2016         EG           Client Sample Description NSE-1-CR-IN-1023-CF         5P NSE-1-CR-IN-1023-CF         Collected:         7/29/2016         Lab ID:         0009           Method         Parameter         Result         RL Units         Prep Date         Analyst         Analyst	Client Sample Des			C	Collected:	7/29/2016	Lab ID:	0007	
Client Sample Description 5P Collected: 7/29/2016 Lab ID: 0009  NSE-1-CR-IN-1023-CF  Prep Analysis  Method Parameter Result RL Units Date Analyst Date Analyst	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
NSE-1-CR-IN-1023-CF  Prep Analysis  Method Parameter Result RL Units Date Analyst Date Analyst	200.8	Lead	3.79	1.00	μg/L	8/2/2016	EG	8/4/2016	EG
Method Parameter Result RL Units Date Analyst Date Analyst	Client Sample Des	• •		C	Collected:	7/29/2016	Lab ID:	0009	
200.8 Lead 25.3 1.00 μg/L 8/2/2016 EG 8/4/2016 EG	Method	Parameter	Result	RL	Units		Analyst	•	Analyst
	200.8	Lead	25.3	1.00	μg/L	8/2/2016	EG	8/4/2016	EG



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Attn: Ed McGuire J.C. Broderick & Associates 1775 Expressway Drive North Hauppauge, NY 11788

Project: 16.34262 (NSE) / Levittown UFSD / Northside Elementary 35 Pelican Rd Levittown, NY 11756

**Analytical Results** 

		Analytical i	resuits			
Client Sample Desc	cription 5F NSE-1-CR-IN-1023-CF		Collected:	7/29/2016	<b>Lab ID:</b> 0010	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	2.41	1.00 µg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Desc	cription 6P NSE-1-CR-IN-1022-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0011	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	3.12	1.00 μg/L	8/2/2016	EG 8/4/2016	EG
Client Sample Desc	cription 7P NSE-1-CR-IN-1021-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0013	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	3.06	1.00 µg/L	8/2/2016	EG 8/4/2016	EG
Client Sample Desc	cription 8P NSE-1-HA-BY-1020-DW		Collected:	7/29/2016	<b>Lab ID:</b> 0015	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	3.19	1.00 μg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Desc	eription 9P NSE-1-CR-IN-1018-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0017	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	23.1	1.00 μg/L	8/2/2016	EG 8/4/2016	EG
Client Sample Desc	cription 9F NSE-1-CR-IN-1018-CF		Collected:	7/29/2016	<b>Lab ID:</b> 0018	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	1.61	1.00 μg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Desc	oription 10P NSE-1-OF-IN-1019-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0019	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	ND	1.00 μg/L	8/2/2016	EG 8/4/2016	EG



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Project: 16.34262 (NSE) / Levittown UFSD / Northside Elementary 35 Pelican Rd Levittown, NY 11756

# **Analytical Results**

		<u> </u>				
Client Sample Des	ncription 11P NSE-1-CR-IN-RM108-CF/DW		Collected:	7/29/2016	<b>Lab ID:</b> 0021	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	ND	1.00 µg/L	8/2/2016	EG 8/4/2016	EG
Client Sample Des	ncription 12P NSE-1-CR-IN-RM107-CF/DW		Collected:	7/29/2016	<b>Lab ID</b> : 0023	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	1.55	1.00 µg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Des	ncription 13P NSE-1-CR-IN-1059-DW		Collected:	7/29/2016	<b>Lab ID:</b> 0025	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	1.78	1.00 µg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Des	ncription 14P NSE-1-CR-IN-1057-CF		Collected:	7/29/2016	<b>Lab ID:</b> 0027	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	24.8	1.00 μg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Des	ncription 14F NSE-1-CR-IN-1057-CF		Collected:	7/29/2016	<b>Lab ID:</b> 0028	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	5.01	1.00 µg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Des	ncription 15P NSE-1-CR-IN-1056-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0029	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	12.0	1.00 μg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Des	ncription 16P NSE-1-HA-BY-1053-DW		Collected:	7/29/2016	<b>Lab ID:</b> 0031	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	4.54	1.00 µg/L	8/2/2016	EG 8/2/2016	EG



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<b>Analytical Result</b>
--------------------------

Method   Parameter   Result   RL   Units   Date   Analysis   Analysis   Date   Analysis   Date   Analysis   Date   Analysis   Date   Analysis   Date   Analysis   Date	Client Sample Descrip			(	Collected:	7/29/2016	Lab ID:	0033	
	Method	Parameter	Result	RL	Units	•	Analyst	_	Analyst
NSE-1-CR-IN-1052-CF	200.8						•		
Method   Parameter   Result   RL   Units   Date   Analyst   Analyst   Date   Analyst   A	Client Sample Descrip			(	Collected:	7/29/2016	Lab ID:	0035	
Client Sample Description   19P   NSE-1-NO-IN-1048C-NS/BF   Result   RL   Units   Prep Date   Analysis Date	Method	Parameter	Result	RL	Units		Analyst	•	Analyst
NSE-1-NO-IN-1048C-NS/BF	200.8	Lead	9.02	1.00	μg/L	8/2/2016	EG	8/2/2016	EG
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Dat	Client Sample Descrip			(	Collected:	7/29/2016	Lab ID:	0037	
Client Sample Description   20P   NSE-1-CR-IN-1074-CF   Result   RL   Units   Date   Analysis   Date   Date   Analysis   Date   Date   Date   Date   Date   Date   Analysis   Date   Analysis   Date   Analysis   Date   Date   Date   Date   Date   Analysis   Date   Da	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
NSE-1-CR-IN-1074-CF	200.8	Lead	2.54	1.00	μg/L	8/2/2016	EG	8/2/2016	EG
Method   Parameter   Result   RL   Units   Date   Analyst   Date   Boundaries	Client Sample Descrip			C	Collected:		Lab ID:	0039	
Collected: 7/29/2016   Lab ID: 0041   NSE-1-CR-IN-1072-CF   NSE-	Method	Parameter	Result	RL	Units		Analyst	_	Analyst
NSE-1-CR-IN-1072-CF	200.8	Lead	7.15	1.00	μg/L	8/2/2016	EG	8/2/2016	EG
Method         Parameter         Result         RL         Units         Date         Analyst         Date         Analyst           200.8         Lead         16.3         1.00         µg/L         8/2/2016         EG         8/2/2016         EG           Client Sample Description         21F NSE-1-CR-IN-1072-CF         Collected:         7/29/2016         Lab ID:         0042           Method         Parameter         Result         REsult         RIL         Units         Date         Analyst         Analyst           200.8         Lead         1.40         1.00         µg/L         8/3/2016         EG         8/3/2016         EG           Client Sample Description         22P NSE-1-HA-BY-1071-DW         Collected:         7/29/2016         Lab ID:         0043           Method         Parameter         Result         REsult         RL         Units         Prep Date         Analysis         Analysis	Client Sample Descrip			(	Collected:	7/29/2016	Lab ID:	0041	
Collected: 7/29/2016   Lab ID: 0042	Method	Parameter	Result	RL	Units		Analyst	-	Analyst
NSE-1-CR-IN-1072-CF	200.8	Lead	16.3	1.00	μg/L	8/2/2016	EG	8/2/2016	EG
Method         Parameter         Result         RL Units         Date         Analyst         Date         Analyst           200.8         Lead         1.40         1.00         µg/L         8/3/2016         EG         8/3/2016         EG           Client Sample Description NSE-1-HA-BY-1071-DW         22P NSE-1-HA-BY-1071-DW         Collected:         7/29/2016         Lab ID:         0043           Method         Parameter         Result         RL Units         Prep Date         Analysis         Analysis	Client Sample Descrip			(	Collected:	7/29/2016	Lab ID:	0042	
Client Sample Description 22P Collected: 7/29/2016 Lab ID: 0043  NSE-1-HA-BY-1071-DW  Method Parameter Result RL Units Date Analyst Date Analysis	Method	Parameter	Result	RL	Units	•	Analyst	•	Analyst
NSE-1-HA-BY-1071-DW  Prep Analysis  Method Parameter Result RL Units Date Analyst Date Analys	200.8	Lead	1.40	1.00	μg/L	8/3/2016	EG	8/3/2016	EG
Method Parameter Result RL Units Date Analyst Date Analys	Client Sample Descrip			(	Collected:	7/29/2016	Lab ID:	0043	
200.8 Lead ND 1.00 μg/L 8/2/2016 EG 8/2/2016 EG	Method	Parameter	Result	RL	Units		Analyst	•	Analyst
	200.8	Lead	ND	1.00	μg/L	8/2/2016	EG	8/2/2016	EG



**Ed McGuire** 

Attn:

Method

Method

200.8

Client Sample Description

200.8

## **EMSL** Analytical, Inc.

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Phone: (631) 584-5492 Fax:

Received: 08/02/16 5:00 AM

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		Allalytical	i Courto			
Client Sample Desc	cription 23P NSE-1-CR-IN-1071-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0045	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analys
200.8	Lead	3.79	1.00 µg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	cription 24P NSE-1-CR-IN-1070-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0047	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analys
200.8	Lead	139	2.00 μg/L	8/2/2016	EG 8/4/2016	EG
Client Sample Desc	cription 24F NSE-1-CR-IN-1070-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0048	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analys
200.8	Lead	ND	1.00 µg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Desc	cription 25P NSE-1-CR-IN-1068-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0049	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analys
200.8	Lead	16.3	1.00 µg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	cription 25F NSE-1-CR-IN-1068-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0050	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analys
200.8	Lead	ND	1.00 µg/L	8/3/2016	EG 8/3/2016	EG
Client Sample Desc	cription 26P NSE-1-CR-IN-1069-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0051	
				Prep	Analysis	

Result

Result

7.49

8.31

RL Units

RL Units

1.00 µg/L

Collected:

1.00 µg/L

Date

7/29/2016

Prep

Date

8/2/2016

8/2/2016

Analyst

EG

Analyst

EG

Lab ID:

Date

0053

8/2/2016

Analysis

8/2/2016

Date

**Analytical Results** 

Analyst

EG

Analyst

EG

Parameter

27P

Parameter

Lead

NSE-1-CR-IN-1067-CF

Lead



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Project: 16.34262 (NSE) / Levittown UFSD / Northside Elementary 35 Pelican Rd Levittown, NY 11756

<b>Analytical Re</b>	sults
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		Analytical i	resuits			
Client Sample Desc	ription 28P NSE-1-HA-BY-1000-DW		Collected:	7/29/2016	<b>Lab ID</b> : 0055	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	2.65	1.00 µg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	ription 29P NSE-1-BR-IN-1047B1-BF		Collected:	7/29/2016	<b>Lab ID</b> : 0057	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	6.70	1.00 μg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	ription 30P NSE-1-CR-IN-1010-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0059	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	2.17	1.00 µg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	ription 31P NSE-1-CR-IN-1011-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0061	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	5.69	1.00 μg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	ription 32P NSE-1-CR-IN-1009-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0063	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	7.13	1.00 μg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	ription 33P NSE-1-CR-IN-1008-CF		Collected:	7/29/2016	<b>Lab ID</b> : 0065	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	3.13	1.00 μg/L	8/2/2016	EG 8/2/2016	EG
Client Sample Desc	ription 34P NSE-1-HA-BY-1008-DW		Collected:	7/29/2016	<b>Lab ID</b> : 0067	
Method	Parameter	Result	RL Units	Prep Date	Analysis Analyst Date	Analyst
200.8	Lead	2.06	1.00 μg/L	8/2/2016	EG 8/2/2016	EG



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Analyti	cal I	Resi	ults
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		- J					
Client Sample Description	on 35P NSE-1-CR-IN-1006-CF		Collected:	7/29/2016	Lab ID:	0069	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.72	1.00 µg/L	8/2/2016	EG	8/2/2016	EG
Client Sample Description	on 36P NSE-1-CR-IN-1005-CF		Collected:	7/29/2016	Lab ID:	0071	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	23.6	1.00 µg/L	8/2/2016	EG	8/2/2016	EG
Client Sample Description	on 36F NSE-1-CR-IN-1005-CF		Collected:	7/29/2016	Lab ID:	0072	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.54	1.00 µg/L	8/3/2016	EG	8/3/2016	EG
Client Sample Description	on 37P NSE-1-CR-IN-1002D-CF		Collected:	7/29/2016	Lab ID:	0073	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	52.7	1.00 µg/L	8/2/2016	EG	8/2/2016	EG
Client Sample Description	on 37F NSE-1-CR-IN-1002D-CF		Collected:	7/29/2016	Lab ID:	0074	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.41	1.00 µg/L	8/3/2016	EG	8/3/2016	EG
Client Sample Description	on 38P NSE-BS-ST-IN-0004-SC		Collected:	7/29/2016	Lab ID:	0075	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	36.2	1.00 µg/L	8/2/2016	EG	8/2/2016	EG
Client Sample Description	on 38PA NSE-BS-ST-IN-0004-SC		Collected:	7/29/2016	Lab ID:	0076	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.85	1.00 µg/L	8/2/2016	EG	8/2/2016	EG



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# Analytical Results

		Analytical i	resuits				
Client Sample Description	1 39P NSE-BS-CA-IN-0001-WC		Collected:	7/29/2016	Lab ID:	0077	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00 µg/L	8/3/2016	EG	8/3/2016	EG
Client Sample Description	1 40P NSE-BS-KI-IN-0001A-KC		Collected:	7/29/2016	Lab ID:	0078	
Method	Parameter	Result	RL Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	7.50	1.00 µg/L	8/2/2016	EG	8/2/2016	EG

#### **Definitions:**

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)



Thursday, August 04, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: 16-34262 (SLE)

Sample ID#s: BN82182 - BN82184, BN82186, BN82188, BN82190, BN82192 - BN82193,

BN82195, BN82197, BN82199, BN82201, BN82203, BN82205, BN82207, BN82209, BN82211, BN82213 - BN82215, BN82217, BN82219, BN82221,

BN82223

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.

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,

Phvllis/Shiller

**Laboratory Director** 

NELAC - #NY11301

CT Lab Registration #PH-0618

MA Lab Registration #MA-CT-007

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

NJ Lab Registration #CT-003

RI Lab Registration #63

VT Lab Registration #VT11301







SDG ID: GBN82182

Phoenix ID: BN82182

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information **Custody Information** Date Time DRINKING WATER 07/28/16 7:43 Matrix: Collected by: Received by: Location Code: JC-BROD LK 07/28/16 16:26 Standard

Rush Request: Analyzed by: see "By" below

16-34262 (SLE)

Project ID: 1 SLE 1 BR IN 1001 BF/SE 1P Client ID:

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.011 0.001 mg/L 0.015 07/31/16 E200.5 Completed 07/29/16 CB/TH/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 1 of 24 Ver 1







SDG ID: GBN82182

Phoenix ID: BN82183

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information **Custody Information** Date Time DRINKING WATER 07/28/16 7:46 Matrix: Collected by: Received by: Location Code: JC-BROD LK 07/28/16 16:26

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

16-34262 (SLE) 1 SLE 1 BR IN 1001 BF/SE 1PA Client ID:

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.003 0.001 mg/L 0.015 07/31/16 E200.5 Completed 07/29/16 CB/TH/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/167:49Location Code:JC-BRODReceived by:LK07/28/1616:26

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

P.O.#:

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82184

Project ID: 16-34262 (SLE)

Client ID: 2 SLE 1 HA BY 1013 DW 2P

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.010 0.001 mg/L 0.015 07/31/16 E200.5 Completed 07/29/16 CB/TH/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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SDG ID: GBN82182

Phoenix ID: BN82186

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information **Custody Information** Date Time DRINKING WATER 07/28/16 7:52 Matrix: Collected by: Received by: Location Code: JC-BROD LK 07/28/16 16:26

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

3 SLE 1 KI IN 1024 KC 3P

Client ID:

16-34262 (SLE)

RL/ DW Sec Parameter Result **PQL** DIL Units **MCL** Goal Date/Time Βv Reference Lead 0.013 0.001 mg/L 0.015 07/31/16 E200.5 Completed 07/29/16 CB/TH/BFE200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inform	ation at ion	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	7:53
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Duch Doguest	Ctondord	Analyzad by	and IID: III hala		

Rush Request: Standard Analyzed by: see "By" below P.O.#:

<u>Laboratory Data</u> SDG ID: GBN82182

Phoenix ID: BN82188

Project ID: 16-34262 (SLE)

Client ID: 4 SLE 1 KI IN 1024 KC 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.019	0.001	1	mg/L	0.015		07/31/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						07/29/16	CB/TH/B	FE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	7:54
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82190

Project ID: 16-34262 (SLE)

Client ID: 5 SLE 1 KI IN 1024 KC 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.006 Completed	0.001	1	mg/L	0.015		07/31/16 07/29/16	LK CB/TH/E	E200.5 sFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information		Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	7:56
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26

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

P.O.#:

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82192

Project ID: 16-34262 (SLE)

Client ID: 6 SLE 1 CA IN 1025 WC 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		07/31/16 07/29/16	LK CB/TH/E	E200.5 sFE200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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## Environmental Laboratories, Inc.

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

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/167:58Location Code:JC-BRODReceived by:LK07/28/1616:26

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82193

Project ID: 16-34262 (SLE)

Client ID: 7 SLE 1 CA IN 1025 KC 7P

RL/ DW Sec Parameter Result **PQL** DIL Units **MCL** Goal Date/Time Βv Reference Lead < 0.001 0.001 mg/L 0.015 07/30/16 E200.5 Completed 07/29/16 CB/T/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Information	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:	07/28/16	8:00
Location Code:	JC-BROD	Received by: LK	07/28/16	16:26
Duck Decuses	Ctondord	A so alvera el leve	. IID III . I.	

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

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82195

Project ID: 16-34262 (SLE)

Client ID: 8 SLE 1 HA BY 1026 DW 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.004 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 = E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Information	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:	07/28/16	8:03
Location Code:	JC-BROD	Received by: Li	C 07/28/16	16:26
Duck Deguest	Ctondord	Analyse of by a	. UD U.L	

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82197

Project ID: 16-34262 (SLE)

Client ID: 9 SLE 1 HA BY 1040 DW 9P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.011 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 = E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:07
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Duck Deguest	Ctondord	A a l a . l	IID II I - I -		

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82199

Project ID: 16-34262 (SLE)

Client ID: 10 SLE 1 CR IN 1045 DW 10P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.012 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/B	E200.5 F E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 11 of 24 Ver 1







# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>tion</u>	Custody Inform	<u>Information</u> <u>Date</u>		
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:08
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
	_				

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

P.O.#:

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82201

Project ID: 16-34262 (SLE)

Client ID: 11 SLE 1 CR IN 200 DW 11P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 F E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 12 of 24 Ver 1







**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/168:09Location Code:JC-BRODReceived by:LK07/28/1616:26

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

P.O.#:

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82203

Project ID: 16-34262 (SLE)

Client ID: 12 SLE 1 CR IN 199 DW 12P

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.003 0.001 mg/L 0.015 07/30/16 E200.5 Completed 07/29/16 CB/T/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 13 of 24 Ver 1







# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	<u>On Custody Information</u> <u>Date</u>			
Matrix:	DRINKING WATER	Collected by:	07/28/16	8:13	
Location Code:	JC-BROD	Received by: LK	07/28/16	16:26	

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

P.O.#:

Laboratory Data

SDG ID: GBN82182

Phoenix ID: BN82205

Project ID: 16-34262 (SLE)

Client ID: 13 SLE 1 CA IN 1048 KC 13P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.004 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 = E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:15
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Rush Request:	Standard	Analyzed by:	see "Ry" below		

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

P.O.#: Laboratory Data

SDG ID: GBN82182

Phoenix ID: BN82207

Project ID: 16-34262 (SLE)

Client ID: 14 SLE 1 HA BY 1052 DW 14P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.004 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 = E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 15 of 24 Ver 1







**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/168:16Location Code:JC-BRODReceived by:LK07/28/1616:26

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

P.O.#:

\_aboratory Data SDG ID: GBN82182

Phoenix ID: BN82209

Project ID: 16-34262 (SLE)

Client ID: 15 SLE 1 CA IN 1056 KC 15P

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.004 0.001 mg/L 0.015 07/30/16 E200.5 Completed 07/29/16 CB/T/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/168:18Location Code:JC-BRODReceived by:LK07/28/1616:26

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

P.O.#:

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82211

Project ID: 16-34262 (SLE)

Client ID: 16 SLE 1 NO IN 1057A NS 16P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.012 0.001 mg/L 0.015 07/30/16 E200.5 Completed 07/29/16 CB/T/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:20
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Rush Request:	Standard	Analyzed by:	see "Ry" helow		

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82213

Project ID: 16-34262 (SLE)

Client ID: 17 SLE 1 CR IN 1059 CF 17P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.034	0.001	1	mg/L	0.015		07/30/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						07/29/16	CB/T/BI	= E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:20
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Duah Daguasti	Ctondord	A so a luma al levu			

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

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82214

Project ID: 16-34262 (SLE)

Client ID: 17 SLE 1 CR IN 1059 CF 17F

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.008 Completed	0.001	1	mg/L	0.015		08/02/16 08/01/16	LK AG/TH/2	E200.5 z E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Information	Custody Inform	ation	<u>Date</u>	<u>Time</u>	
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:24
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26

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

P.O.#:

\_aboratory Data SDG ID: GBN82182

Phoenix ID: BN82215

Project ID: 16-34262 (SLE)

Client ID: 18 CLE 1 CR IN 96 DW 18P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 = E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

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SDG ID: GBN82182

Phoenix ID: BN82217

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/168:25Location Code:JC-BRODReceived by:LK07/28/1616:26

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

Client ID: 19 SLE 1 CR IN 97 DW 19P

16-34262 (SLE)

RL/ DW Sec Parameter Result **PQL** DIL Units MCL Goal Date/Time Βv Reference Lead 0.005 0.001 mg/L 0.015 07/30/16 E200.5 Completed 07/29/16 CB/T/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Project ID:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 21 of 24 Ver 1







# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:30
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Rush Request:	Standard	Analyzed by:	see "By" below		

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82219

Project ID: 16-34262 (SLE)

Client ID: 20 SLE 1 CR IN 1067 DW 20P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.009 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 F E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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# **Analysis Report**

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	nation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		07/28/16	8:35
Location Code:	JC-BROD	Received by:	LK	07/28/16	16:26
Rush Request:	Standard	Analyzed by:	see "By" below		

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

<u>Laboratory Data</u>

SDG ID: GBN82182

Phoenix ID: BN82221

Project ID: 16-34262 (SLE)

Client ID: 21 SLE 1 CR IN 1066 DW 21P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		07/30/16 07/29/16	LK CB/T/BI	E200.5 = E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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## Environmental Laboratories, Inc.

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

**Analysis Report** 

August 04, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:07/28/168:37Location Code:JC-BRODReceived by:LK07/28/1616:26

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

Laboratory Data SDG ID: GBN82182

Phoenix ID: BN82223

Project ID: 16-34262 (SLE)

Client ID: 22 SLE 1 CR IN 1064 DW 22P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Βv Reference Lead 0.004 0.001 mg/L 0.015 07/30/16 E200.5 Completed 07/29/16 CB/T/BF E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

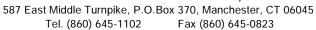
August 04, 2016

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

Page 24 of 24 Ver 1



## Environmental Laboratories, Inc.





# QA/QC Report

August 04, 2016

# QA/QC Data

SDG I.D.: GBN82182

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	Rec Limits	RPD Limits
QA/QC Batch 354254A (mg/L)	QC Sar	nple No	: BN8205	1 (BN82	214)								
ICP Metals - Aqueous													
Lead	BRL	0.001				106			102			85 - 115	20
Comment:													
Additional: LCS acceptance rang	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354096A (mg/L)	QC Sar	nple No	: BN8217	6 (BN82	182, BI	V82183	3, BN821	184, BN	182186,	BN821	88, BN	182190,	BN82192)
ICP Metals - Aqueous													
Lead	BRL	0.001				97.1			92.9			85 - 115	20
Comment:													
Additional: LCS acceptance rang			•	Ü									
QA/QC Batch 354097 (mg/L), ( BN82207, BN82209, BN82211		ole No: I	BN82193	(BN821	93, BN	82195,	BN8219	7, BN8	2199, E	3N8220	1, BN8	2203, B	N82205,
ICP Metals - Aqueous													
Lead	BRL	0.001	< 0.001	0.002	NC	99.3			95.1			85 - 115	20
Comment:													
Additional: LCS acceptance rang	e is 85-11	5% MS a	acceptance	e range 7	5-125%								
QA/QC Batch 354097A (mg/L)	QC Sar	nple No	: BN8221	3 (BN82	213, BI	V82215	5, BN822	217, BN	182219,	BN822	21, BN	182223)	
ICP Metals - Aqueous													
Lead	BRL	0.001				99.3			99.7			85 - 115	20
Comment:													

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

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

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

August 04, 2016

Thursday, August 04, 2016

Criteria: None

# Sample Criteria Exceedences Report

GBN82182 - JC-BROD

State: NY			OBINO2 102 - 00-BINOB	OBNO2102 00 BNOD								
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units				
BN82188	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.019	0.001	0.015	0.001	mg/L				
BN82188	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.019	0.001	0.015	0.015	mg/L				
BN82213	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.034	0.001	0.015	0.001	mg/L				
BN82213	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.034	0.001	0.015	0.015	mg/L				

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



# **Environmental Laboratories, Inc.**

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

# nelac E

# **NY Temperature Narration**

August 04, 2016

**SDG I.D.: GBN82182** 

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water

1CB#: [16-34262] SLE) Chain of Custody Form

7	_of _/	01/10
20ÑC	Page	Date: 7/28

Result	82182	82183	48128	58128	82186	82187	82188	92189	82190	82191	82143	83193
Sample Time	7:43	7:46	7:49	7:49. 82185	7:52 82186	7:52 8218	7:53 82188	7:33 82189	7:54 82190	7: 348219	7:56 83143	7:58 83193
Sample Date	7/28	4/28	38/4	7/28	3/28	4/28	3/28	7/28	8e/ <del>/</del>	8r/£	30/2	
BOTTLE ID/LABEL	J.	184	2P	46	34	34	đh	46	56	55	6P	44
Number	1	1				_	1	_	)		1	1
Primary/Flush	P	ρ	p	4	d	4	d	4	P	4	b	ð
Outlet Type	8t/sc	BE/SC	DV	DW	KC	トし	kc	177	KC.	K.C.	MC	KC
AHERA ID	1001	1001	1013	1013	high	1014	1024	4201	1024	4201	5201	1025
IN/BY	7	3	by	þĄ	<u>\</u>	5	7	۲	?	۲	۲	2
Functional Space Code	BR	BR	HA	HA	Ki	ki	ki	Ki	۲ï	Ki	CA	CA
Floor	-		_		_	_	_	_	_		_	_
Building Code	278	See	Sle	Se	Ske	Ske	Sle	She	Ste	Se	Sle	See
Map Location			K	ત	3	Ŋ	5	5	S	5	٩	4

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	ا پو	7			Carac		
JUFSP	4 Summit Lane	Leviltam, ny	रवामा है।	Á	Received Dr:		
ame (evittow) UFSP	Deliang Name and Address	general and	Small Calenda	Ambier Sentrary:	Petromished Pr.		

SC By SC By Note by Sc By Internation to the Leberthery Turnaround Time: Arudaud Email Report to: amcaure@ichroderick.com Seecled Internations: Analyze Flish Samiles (F) ONLY when Primary Samile exceeds 200th	Laboratory Hanne: PINOP NIX		Dete	There	Methed Of Analysis
H 6 a	hyzed By				, ,
8 2	: By				2001
<b>4</b> a		6			252
<b>8</b> =	trections to the Labor	raterx			
ua	mareund Time: 14	rndand			
	mil Report to:	emcguire@ichroderick.com			
	pecial instructions:	Analyze Flush Samples (F) Of	NLY when P	rlmary Sar	nple exceeds 20pbb

TFOUND 71126 1626

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water

JCB#: 16-34262(5LE) Chain of Custody Form

p to 1	18
Will Pier 2	Date:

	τ-	<del>,                                     </del>										
Result	14/28	82195	95128	15128	85128	99168	83200	10868	83303	89903	40GES	Boses
Sample Time	7:58 82194	P:00 82195	8:00 82196	9:03 82197	8:03.82198	8:0₹	£0:8	103	80:8	6.03	608	8.13
Sample Date	1/28	80/t	3e/t	\$e/t	8e/±	8e/t	8°/£	\$¢/±	8e/t	80/t	se/t	8e/t
BOTTLE ID/LABEL	74	86	48	db	46	106	101	MP	<i>HE</i>	del	125	13P
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Instructions to the Laboratery			•	
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Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N.

Chain of Custody Form Lead In Water

JCB#: 16-34262(SCE)

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Sample Date	36/5	36/4	2/28	1/28	7/28	8c/t	8c/£	36/2	8e/±	8°/±	80/£	4/28
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Instructions to the Laboratory	ferv			
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Email Report to:	emcguire@icbroderick.com			
Special instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	ILY when P	rimary Sar	npie exceeds 20pbb

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water

Chain of Custody Form

JCB#:16-34262(SLE)

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Result	81868	29919	oeee8	<i> eee</i> &	eeee8	8933	rees			
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Instructions to the Laboratory	Х.			
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Email Report to:	emcguire@icbroderick.com			
Special instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	NLY when P	rlmary Sar	nple exceeds 20pbb



Thursday, August 11, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

Project ID: JCB #16-34262

Sample ID#s: BN87594 - BN87595, BN87597, BN87599, BN87601, BN87603, BN87605,

BN87607 - BN87608

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.

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 #MA-CT-007

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

VT Lab Registration #VT11301







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	ation at the state of the state	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:10
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

<u>Laboratory Data</u>

SDG ID: GBN87594

Phoenix ID: BN87594

Project ID: JCB #16-34262

Client ID: 1 LRS 01 HA IN 1000 WC 1P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 1 of 9 Ver 1







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:13
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

Laboratory Data SDG ID: GBN87594

Phoenix ID: BN87595

Project ID: JCB #16-34262

Client ID: 2 LRS 01 CR IN 1002 KC 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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P.O.#:

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 2 of 9 Ver 1







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:16
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
D -1 D	Ota - Jan-I	A I I I			

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

Laboratory Data

SDG ID: GBN87594

Phoenix ID: BN87597

Project ID: JCB #16-34262

Client ID: 3 LRS 01 BR IN 1002B BF 3P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 3 of 9 Ver 1







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:20
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

P.O.#:

\_aboratory Data

SDG ID: GBN87594 Phoenix ID: BN87599

Project ID: JCB #16-34262

Client ID: 4 LRS 01 CR IN 1001 KC 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 4 of 9 Ver 1







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ition</u>	Custody Information	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:23
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44

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

<u>Laboratory Data</u>

SDG ID: GBN87594

Phoenix ID: BN87601

Project ID: JCB #16-34262

Client ID: 5 LRS 01 BR IN 1001B BF 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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P.O.#:

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 5 of 9 Ver 1







SDG ID: GBN87594

Phoenix ID: BN87603

# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informa	<u>tion</u>	<u>Date</u>				
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:30			
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44			

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

Project ID: JCB #16-34262 Client ID: 6 LRS 01 BR IN 1003 BF 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.012 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 6 of 9 Ver 1







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

<u>tion</u>	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
DRINKING WATER	Collected by:		08/05/16	7:34
JC-BROD	Received by:	LB	08/05/16	15:44
		DRINKING WATER Collected by:	DRINKING WATER Collected by:	DRINKING WATER Collected by: 08/05/16

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

P.O.#:

aboratory Data SDG ID: GBN87594

Phoenix ID: BN87605

Project ID: JCB #16-34262

Client ID: 7 LRS 01 BR IN 1005 BF 7P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.006 Completed	0.001	1	mg/L	0.015		08/10/16 08/09/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 7 of 9 Ver 1







# **Analysis Report**

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inforn	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/05/16	7:45
Location Code:	JC-BROD	Received by:	LB	08/05/16	15:44
Rush Request:	Standard	Analyzed by:	see "Rv" helow		

P.O.#:

**Laboratory Data** 

SDG ID: GBN87594

Phoenix ID: BN87607

Project ID: JCB #16-34262

Client ID: 8LRS 01 BR IN 1007 BF/SC 8P1

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.023	0.001	1	mg/L	0.015		08/10/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/09/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 8 of 9 Ver 1







**Analysis Report** 

August 11, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/05/167:49Location Code:JC-BRODReceived by:LB08/05/1615:44

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

<u>Laboratory Data</u>

SDG ID: GBN87594

Phoenix ID: BN87608

Project ID: JCB #16-34262

Client ID: 8 LRS 01 BR IN 1007 BS/SC 8P2

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.005 0.001 mg/L 0.015 08/10/16 LK E200.5 Completed 08/09/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

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Phyllis Shiller, Laboratory Director

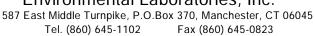
August 11, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 9 of 9 Ver 1



# Environmental Laboratories, Inc.





# QA/QC Report

August 11, 2016

# QA/QC Data

SDG I.D.: GBN87594

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	Rec Limits	RPD Limits
QA/QC Batch 355117 (mg/L), Q BN87607)	C Samp	ole No: E	3N87592	(BN875	94, BN8	37595,	BN8759	7, BN8	7599, I	BN87601	, BN8	7603, B	N87605,
ICP Metals - Aqueous													
Lead Comment:	BRL	0.001	<0.001	<0.001	NC	109			105			85 - 115	20
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%.								
QA/QC Batch 355117A (mg/L), (	QC San	nple No:	: BN8760	8 (BN87	608)								
ICP Metals - Aqueous													
Lead	BRL	0.001				109			107			85 - 115	20
Comment:													
Additional: LCS acceptance range	is 85-11	5% MS a	acceptance	e range 7	5-125%.								

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

August 11, 2016

Thursday, August 11, 2016

Criteria: None

State: NY

# **Sample Criteria Exceedences Report**

**GBN87594 - JC-BROD** 

RL Analysis SampNo Acode Phoenix Analyte Criteria Result RL Criteria Criteria Units EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs BN87607 PB-DWICP 0.023 0.001 0.015 0.001 mg/L Lead BN87607 PB-DWICP Lead NY / NY Residential DW / Lead 0.023 0.001 0.015 0.015 mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



## **Environmental Laboratories, Inc.**

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

# Per NY # 11301

# **NY Temperature Narration**

August 11, 2016

SDG I.D.: GBN87594

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water Chain of Custody Form

JCB#: 16-34262

Page 1 of 2 Date: \$√5// €

emcguire@jcbroderick.com	заетіск.сог	E		i	· ' <b>1</b>	JCB#: 70 / 1/2				•	20°NC	\
Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	BOTTLE ID/LABEL	Sample Date	Sample Time	Result
	LRS	01	HA	2	1000	3	0	_	10	8/5/14	210	8766
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4	LRS	10	CP	3	(20)	とい	<u></u>		1/1	8/5/2	126	3,68
2	LRS	10	BR	3	رامها	BF	d		C.S.	8/5/K	723	8760
5	LRS	õ	BR	3	9100)	90		_	29	5/5/1/2		2002
9	125	Ó	BR	2	(003	步	0	_	60	15/4	7 30	871603
9	LRS	10	BR	2	(003	D.F.	ت		الالل	11/2/8	73	87000
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imary Sample exceeds 20pbb

Lead

emcguire@jcbroderick.com J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire

Lead In Water Chain of Custody Form

JCB#: [634262

Page 2 of Date:

	:			ļ							Joseph John Jo	9
Map Location	Building Code	Floor	Functional Space Code	IN/BY	AHERA ID	Outlet Type	Primary/Flush	Number	Outlet Type Primary/Flush Number BOTTLE ID/LABEL Sample Date	Sample Date	, ,	Result
7	LRS	10	6R	2	locs	BF	L	_	75	S/Jh	735	STUCK
8	LRS	5	925	2	2001	b8/sc	0	_	198	3/19/18	745	82607
8	USS	5	BR	2	しつのり	RF/SC	م	-	872	8/5/16		80018
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		>			(£00
				Instructions to the Laboratory	
	John lamid			Turnaround Time: < \$20, 30,00	
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Character SISILG 1544



Tuesday, August 09, 2016

Attn: Mr Steve Muller J C Broderick & Associates, Inc. 1775 Express Dr N Hauppauge, NY 11788

**Project ID: 16-34411 TUTT** 

Sample ID#s: BN86518, BN86520, BN86522, BN86524, BN86526, BN86528 - BN86529,

BN86531, BN86533, BN86535 - BN86536

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.

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 #MA-CT-007

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

VT Lab Registration #VT11301







**Analysis Report** 

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/04/167:05Location Code:JC-BRODReceived by:LB08/04/1616:11

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

P.O.#:

Laboratory Data

Phoenix ID: BN86518

SDG ID: GBN86518

Project ID: 16-34411 TUTT

Client ID: 1 SMN 01 CR IN 1002 EC 1P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.006 0.001 mg/L 0.015 08/06/16 LK E200.5 Completed 08/05/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 1 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:07
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86518

Phoenix ID: BN86520

Project ID: 16-34411 TUTT

Client ID: 2 SMN 01 NO IN 1007 NS 2P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead	0.019	0.001	1	mg/L	0.015		08/06/16	LK	E200.5
*** Lead exceeds MCL levels *** Total Metal Digestion	Completed						08/05/16	AG	E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

#### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 2 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	ation	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:09
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86518

Phoenix ID: BN86522

Project ID: 16-34411 TUTT

Client ID: 3 SMN 01 HA BY 1012 DW 3P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

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## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informati	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:12
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
Duck Deguest	Ctondord	Analymad by a	"D "   -   -		

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

<u>Laboratory Data</u>

SDG ID: GBN86518

Phoenix ID: BN86524

Project ID: 16-34411 TUTT

Client ID: 4 SMN 01 KI IN 10347 KC 4P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 4 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informa	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:14
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86518

Phoenix ID: BN86526

Project ID: 16-34411 TUTT

Client ID: 5 SMN 01 KI IN 1034 KC 5P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	< 0.001 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 5 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:16
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

Laboratory Data SDG ID: GBN86518

Phoenix ID: BN86528

Project ID: 16-34411 TUTT

Client ID: 6 SMN 01 CA IN 1035 WC 6P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 6 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	ation_	Custody Informa	<u>ation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:18
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

<u>Laboratory Data</u>

SDG ID: GBN86518

Phoenix ID: BN86529

Project ID: 16-34411 TUTT

Client ID: 7 SMN 01 HA BY 1042 DW 7P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 7 of 11 Ver 1







SDG ID: GBN86518

Phoenix ID: BN86531

## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informa	<u>ation</u>	Custody Inform	<u>nation</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:22
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11
D -1 D	Ota - Jan J	A I I I			

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

Project ID: 16-34411 TUTT

Client ID: 8 SMN 01 CR IN 1050 CF 8P

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.002 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

P.O.#:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

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Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 8 of 11 Ver 1







**Analysis Report** 

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample InformationCustody InformationDateTimeMatrix:DRINKING WATERCollected by:08/04/167:24Location Code:JC-BRODReceived by:LB08/04/1616:11

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

P.O.#:

\_aboratory Data SDG ID: GBN86518

Phoenix ID: BN86533

Project ID: 16-34411 TUTT

Client ID: 9 SMN 01 CR IN 1051 EC 9P

RL/ DW Sec Parameter Result **PQL** DIL Units MCI Goal Date/Time Reference Βy Lead 0.002 0.001 mg/L 0.015 08/06/16 LK E200.5 Completed 08/05/16 AG E200.5/E200.7 **Total Metal Digestion** 

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### **Comments:**

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 9 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>ion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:30
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

P.O.#:

Laboratory Data SDG ID: GBN86518

Phoenix ID: BN86535

Project ID: 16-34411 TUTT

Client ID: 10 SMN 01 BO IN SC 10P1

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.001 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

## Comments:

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August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 10 of 11 Ver 1







## **Analysis Report**

August 09, 2016

FOR: Attn: Mr Steve Muller

J C Broderick & Associates, Inc.

1775 Express Dr N Hauppauge, NY 11788

Sample Informat	<u>ion</u>	Custody Informat	<u>tion</u>	<u>Date</u>	<u>Time</u>
Matrix:	DRINKING WATER	Collected by:		08/04/16	7:53
Location Code:	JC-BROD	Received by:	LB	08/04/16	16:11

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

P.O.#:

aboratory Data SDG ID: GBN86518

Phoenix ID: BN86536

Project ID: 16-34411 TUTT

Client ID: 10 SMN 01 BO IN SC 10P2

Parameter	Result	RL/ PQL	DIL	Units	DW MCL	Sec Goal	Date/Time	Ву	Reference
Lead Total Metal Digestion	0.003 Completed	0.001	1	mg/L	0.015		08/06/16 08/05/16	LK AG	E200.5 E200.5/E200.7

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.) MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level Goal

### Comments:

Maximum Contaminant Level (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5, Subpart 5-1. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

Secondary DW Maximum Contaminant Level Goal (MCLG): 40 CFR Part 143. 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 at extension 200. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President

Page 11 of 11 Ver 1



## Environmental Laboratories, Inc.



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

## QA/QC Report

August 09, 2016

## QA/QC Data

SDG I.D.: GBN86518

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 354832A (mg/L), (BN86531, BN86533) ICP Metals - Aqueous	QC San	nple No:	BN8651	8 (BN86	518, B	N86520	, BN865	522, Bl	N86524,	BN8652	26, BN	86528,	BN86529,
Lead Comment:	BRL	0.001				99.2			98.2			85 - 115	20
Additional: LCS acceptance range	is 85-11	5% MS a	cceptance	e range 7	5-125%								
QA/QC Batch 354833 (mg/L), Q	C Samp	ole No: E	N86535	(BN865	35, BN	86536)							
ICP Metals - Aqueous													
Lead Comment:	BRL	0.001	0.001	0.002	NC	100			97.6			85 - 115	20
Additional: LCS acceptance range	is 85-11	5% MS a	cceptance	e range 7	5-125%	,							

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

August 09, 2016

Tuesday, August 09, 2016

Criteria: None

# **Sample Criteria Exceedences Report**

**GBN86518 - JC-BROD** 

State: NY

State:	NY						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
BN86520	PB-DWICP	Lead	EPA / 40 CFR 141 DW / 141.80 Lead & Copper MCLs	0.019	0.001	0.015	0.001	mg/L
BN86520	PB-DWICP	Lead	NY / NY Residential DW / Lead	0.019	0.001	0.015	0.015	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this 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.

Page 1 of 1



## **Environmental Laboratories, Inc.**

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

# nelac in Accompany

# **NY Temperature Narration**

August 09, 2016

SDG I.D.: GBN86518

The samples in this delivery group were received at  $20^{\circ}$ C. (Note acceptance criteria is above freezing up to  $6^{\circ}$ C)

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

Lead In Water
Chain of Custody Form 202 (Svn n)

Page 1 of 2

20°NC

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oportte:	emcguire@ichroderick.com			
Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	r when Pri	mary San	nole exceeds 20obb

J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com

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J.C. Broderick Associates 1775 Expressway Dr. N. Hauppauge, NY 11788 Contact: Ed McGuire emcguire@jcbroderick.com		Map Location	7	P	£	0	Ø	오	C			

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Special Instructions:	Analyze Flush Samples (F) ONLY when Primary Sample exceeds 20pbb	ILY when f	rimary Sar	nole exceeds 20obb

# Attachment 3

# Laboratory Certifications

# J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing 1775 Expressway Drive North Hauppauge, New York 11788 631.584.5492 fax 631.584.3395



Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Bacteriology		Metals I	
Coliform, Total / E. coli (Qualitative)	SM 18-22 9222A,B,C (-97)/40 CFR	141. Arsenic, Total	SM 18-19,21-22 3113B (-99,-04)
	SM 18-22 9223B (-97) (Colilert)		EPA 200.9 Rev. 2.2
E. coli (Enumeration)	SM 18-22 9222A,B,C (-97)/40 CFR	141. Barium, Total	EPA 200.7 Rev. 4.4
	SM 18-22 9223B (-97) (Colilert)	Cadmium, Total	EPA 200.7 Rev. 4.4
Enterococci	Enterolert	Chromium, Total	EPA 200.7 Rev. 4.4
Heterotrophic Plate Count	SM 18-22 9215B (-00)	Copper, Total	EPA 200.5
Chlorinated Acids			EPA 200.7 Rev. 4.4
2,4,5-TP (Silvex)	EPA 515.3	Iron, Total	EPA 200.7 Rev. 4.4
2,4-D	EPA 515.3	Lead, Total	EPA 200.5
Dalapon	EPA 515.3		SM 18-19,21-22 3113B (-99,-04)
Dicamba	EPA 515.3		EPA 200.9 Rev. 2.2
Dinoseb	EPA 515.3	Manganese, Total	EPA 200.7 Rev. 4.4
Pentachlorophenol	EPA 515.3	Mercury, Total	EPA 245.1 Rev. 3.0
Picloram	EPA 515.3	Selenium, Total	SM 18-19,21-22 3113B (-99,-04)
			EPA 200.9 Rev. 2.2
Disinfection By-products		Silver, Total	EPA 200.7 Rev. 4.4
Bromochloroacetic acid	EPA 552.2	Zinc, Total	EPA 200.7 Rev. 4.4
Dibromoacetic acid	EPA 552.2	Metals II	
Dichloroacetic acid	EPA 552.2	Aluminum, Total	EPA 200.7 Rev. 4.4
Monobromoacetic acid	EPA 552.2	Antimony, Total	
Monochloroacetic acid	EPA 552.2	Antimony, Total	SM 18-19,21-22 3113B (-99,-04)
Trichloroacetic acid	EPA 552.2	Pandium Tatal	EPA 200.7 Rev. 2.2
Fuel Additives		Beryllium, Total	EPA 200.7 Rev. 4.4
Methyl tert-butyl ether	EPA 524.2	Molybdenum, Total	EPA 200.7 Rev. 4.4
Naphthalene	EPA 524.2	Nickel, Total	EPA 200.7 Rev. 4.4
Hapitalalerie	LI 7 024.2	Thallium, Total	SM 18-19,21-22 3113B (-99,-04)

Serial No.: 54724





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

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is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

Metals II		Miscellaneous	
Thallium, Total	EPA 200.9 Rev. 2.2	Bis(2-ethylhexyl) phthalate	EPA 525.2
Vanadium, Total	EPA 200.7 Rev. 4.4	Di (2-ethylhexyl) adipate	EPA 525.3
Metals III			EPA 525.2
Boron, Total	EPA 200.7 Rev. 4.4	Diquat	EPA 549.2
Calcium, Total	EPA 200.7 Rev. 4.4	Glyphosate	EPA 547
Magnesium, Total	EPA 200.7 Rev. 4.4	Hexachlorobenzene	EPA 508
Potassium, Total	EPA 200.7 Rev. 4.4	Hexachlorocyclopentadiene	EPA 508
Sodium, Total	EPA 200.7 Rev. 4.4	Odor	SM 18-22 2150B (-97)
·	El A 200.7 100. 4.4	Organic Carbon, Dissolved	SM 21-22 5310C (-00)
Methylcarbamate Pesticides		Organic Carbon, Total	SM 21-22 5310C (-00)
3-Hydroxy Carbofuran	EPA 531.2	Surfactant (MBAS)	SM 18-22 5540C (-00)
Aldicarb	EPA 531.2	Turbidity	SM 18-22 2130 B (-01)
Aldicarb Sulfone	EPA 531.2	UV 254	SM 19-22 5910B (-00)
Aldicarb Sulfoxide	EPA 531.2	Non-Metals	
Carbaryl	EPA 531.2	Alkalinity	SM 18-22 2320B (-97)
Carbofuran	EPA 531.2	Calcium Hardness	EPA 200.7 Rev. 4.4
Methomyl	EPA 531.2		EPA 300.0 Rev. 4.4
Oxamyl	EPA 531.2	Chloride	
Microextractibles		Oalan	SM 21-22 4500-CI- E (-97)
1,2-Dibromo-3-chloropropane	EPA 504.1	Color	SM 18-22 2120B (-01)
1,2-Dibromoethane	EPA 504.1	Cyanide	EPA 335.4 Rev. 1.0
•	El A 304.1	Fluoride, Total	EPA 300.0 Rev. 2.1
Miscellaneous			SM 18-22 4500-F C (-97)
Benzo(a)pyrene	EPA 525.3	Nitrate (as N)	EPA 353.2 Rev. 2.0
	EPA 525.2		EPA 300.0 Rev. 2.1
Bis(2-ethylhexyl) phthalate	EPA 525.3	Nitrite (as N)	EPA 353.2 Rev. 2.0

Serial No.: 54724





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Non-Metals		Polychlorinated Biphenyls	
Nitrite (as N)	EPA 300.0 Rev. 2.1	PCB Screen	EPA 508
Orthophosphate (as P)	SM 18-22 4500-P F (-99)	Trihalomethanes	
	SM 18-22 4500-P E (-99)	Bromodichloromethane	EPA 524.2
Solids, Total Dissolved	SM 18-22 2540C (-97)	Bromoform	EPA 524.2
Specific Conductance	` '	Chloroform	EPA 524.2
Sulfate (as SO4)	EPA 300.0 Rev. 2.1	Dibromochloromethane	EPA 524.2
	SM 18-22 4500-SO4 D (-97)	Total Trihalomethanes	EPA 524.2
Organohalide Pesticides		Volatile Aromatics	
Alachior	EPA 507	1,2,3-Trichlorobenzene	EPA 524.2
Aldrin	EPA 508	1,2,4-Trichlorobenzene	EPA 524.2
Atrazine	EPA 507	1,2,4-Trichlorobenzene	EPA 524.2
Butachlor	EPA 507	1,2-Dichlorobenzene	EPA 524.2
Chlordane Total	EPA 508	1,3,5-Trimethylbenzene	EPA 524.2
Dieldrin	EPA 508	1,3-Dichlorobenzene	EPA 524.2
Endrin	EPA 508	1,4-Dichlorobenzene	EPA 524.2
Heptachlor	EPA 508	2-Chlorotoluene	EPA 524.2
Heptachlor epoxide	EPA 508	4-Chlorotoluene	EPA 524.2
Lindane	EPA 508	Benzene	EPA 524.2
Methoxychlor	EPA 508	Bromobenzene	EPA 524.2 EPA 524.2
Metolachior	EPA 507	Chlorobenzene	EPA 524.2
Metribuzin	EPA 507	Ethyl benzene	EPA 524.2
Propachlor	EPA 508	Hexachlorobutadiene	EPA 524.2
Simazine	EPA 507	Isopropylbenzene	EPA 524.2
Toxaphene	EPA 508	n-Butylbenzene	EPA 524.2
		n-Propylbenzene	EPA 524.2

Serial No.: 54724





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics		Volatile Halocarbons	
p-Isopropyltoluene (P-Cymene)	EPA 524.2	cis-1,3-Dichloropropene	EPA 524.2
sec-Butylbenzene	EPA 524.2	Dibromomethane	EPA 524.2
Styrene	EPA 524.2	Dichlorodifluoromethane	EPA 524.2
tert-Butylbenzene	EPA 524.2	Methylene chloride	EPA 524.2
Toluene	EPA 524.2	Tetrachloroethene	EPA 524.2
Total Xylenes	EPA 524.2	trans-1,2-Dichloroethene	EPA 524.2
Volatile Halocarbons		trans-1,3-Dichloropropene	EPA 524.2
1,1,1,2-Tetrachloroethane	EPA 524.2	Trichloroethene	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2	Trichlorofluoromethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2	Vinyl chloride	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2		
1,1-Dichloroethane	EPA 524.2		
1,1-Dichloroethene	EPA 524.2		
1,1-Dichloropropene	EPA 524.2		
1,2,3-Trichloropropane	EPA 524.2		
1,2-Dichloroethane	EPA 524.2		
1,2-Dichloropropane	EPA 524.2		
1,3-Dichloropropane	EPA 524.2		
2,2-Dichloropropane	EPA 524.2		
Bromochloromethane	EPA 524.2		
Bromomethane	EPA 524.2		
Carbon tetrachloride	EPA 524.2		
Chloroethane	EPA 524.2		
Chloromethane	EPA 524.2		

Serial No.: 54724

cis-1,2-Dichloroethene

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

EPA 524.2





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Acrylates		Benzidines	
Acrolein (Propenal)	EPA 8260C	3,3'-Dichlorobenzidine	EPA 625
	EPA 624		EPA 8270D
Acrylonitrile	EPA 8260C	Benzidine	EPA 625
	EPA 624		EPA 8270D
Amines		Chlorinated Hydrocarbon Pestic	ides
1,2-Diphenylhydrazine	EPA 8270D	4,4'-DDD	EPA 8081B
2-Nitroaniline	EPA 8270D		EPA 608
3-Nitroaniline	EPA 8270D	4,4'-DDE	EPA 8081B
4-Chloroaniline	EPA 8270D		EPA 608
4-Nitroaniline	EPA 8270D	4,4'-DDT	EPA 8081B
Aniline	EPA 625		EPA 608
	EPA 8270D	Aldrin	EPA 8081B
Carbazole	EPA 625		EPA 608
	EPA 8270D	alpha-BHC	EPA 8081B
Pyridine	EPA 625		EPA 608
	EPA 8270D	alpha-Chlordane	EPA 8081B
Bacteriology		beta-BHC	EPA 8081B
Coliform, Fecal	SM 9222D-97		EPA 608
Coliform, Total	SM 9222B-97	Chlordane Total	EPA 8081B
E. coli (Enumeration)	SM 9222G-94,-97		EPA 608
	Colilert	delta-BHC	EPA 8081B
	SM 9223B-04 (Colilert)		EPA 608
Enterococci	Enterolert	Dieldrin	EPA 8081B
Heterotrophic Plate Count	SM 18-21 9215B		EPA 608
		Endosulfan I	EPA 8081B

Serial No.: 54725





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER

All approved analytes are listed below:

Chlorinated Hydrocarbon Pesticides		Chlorinated Hydrocarbons	
Endosulfan I	EPA 608	1,2,4-Trichlorobenzene	EPA 625
Endosulfan II	EPA 8081B		EPA 8270D
	EPA 608	2-Chloronaphthalene	EPA 625
Endosulfan sulfate	EPA 8081B		EPA 8270D
	EPA 608	Hexachlorobenzene	EPA 625
Endrin	EPA 8081B		EPA 8270D
	EPA 608	Hexachlorobutadiene	EPA 625
Endrin aldehyde	EPA 8081B		EPA 8270D
	EPA 608	Hexachlorocyclopentadiene	EPA 625
Endrin Ketone	EPA 8081B		EPA 8270D
gamma-Chlordane	EPA 8081B	Hexachloroethane	EPA 625
Heptachlor	EPA 8081B		EPA 8270D
	EPA 608	Chlorophenoxy Acid Pesticides	
Heptachlor epoxide	EPA 8081B	2.4.5-T	EPA 8151A
	EPA 608	2,4,5-TP (Silvex)	EPA 8151A
Lindane	EPA 8081B	2,4-D	EPA 8151A
	EPA 608	2,4-DB	EPA 8151A
Methoxychlor	EPA 8081B	Dalapon	EPA 8151A
	EPA 608	Dicamba	EPA 8151A
PCNB	EPA 8270D	Dichloroprop	EPA 8151A
Toxaphene	EPA 8081B	Dinoseb	EPA 8151A
	EPA 608	Demand	
Chlorinated Hydrocarbons			01.50405.04.44
1,2,3-Trichlorobenzene	EPA 8260C	Biochemical Oxygen Demand	SM 5210B-01,-11
1,2,4,5-Tetrachlorobenzene	EPA 8270D	Carbonaceous BOD	SM 5210B-01,-11
		Chemical Oxygen Demand	SM 5220D-97,-11

Serial No.: 54725





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Fuel Oxygenates		Low Level Polynuclear Aromatics	
Di-isopropyl ether	EPA 8260C	Acenaphthylene Low Level	EPA 8270D SIM
Ethanol	EPA 8260C	Anthracene Low Level	EPA 8270D SIM
	EPA 8015D	Benzo(a)anthracene Low Level	EPA 8270D SIM
Methyl tert-butyl ether	EPA 8260C	Benzo(a)pyrene Low Level	EPA 8270D SIM
tert-amyl alcohol	EPA 8260C	Benzo(b)fluoranthene Low Level	EPA 8270D SIM
tert-amyl methyl ether (TAME)	EPA 8260C	Benzo(g,h,i)perylene Low Level	EPA 8270D SIM
tert-butyl alcohol	EPA 8260C	Benzo(k)fluoranthene Low Level	EPA 8270D SIM
tert-butyl ethyl ether (ETBE)	EPA 8260C	Chrysene Low Level	EPA 8270D SIM
Haloethers		Dibenzo(a,h)anthracene Low Level	EPA 8270D SIM
2,2'-Oxybis(1-chloropropane)	EPA 625	Fluoranthene Low Level	EPA 8270D SIM
z,z exysic( emeropropane)	EPA 8270D	Fluorene Low Level	EPA 8270D SIM
4-Bromophenylphenyl ether	EPA 625	Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D SIM
· Drainspilotty, priority, office	EPA 8270D	Naphthalene Low Level	EPA 8270D SIM
4-Chlorophenylphenyl ether	EPA 625	Phenanthrene Low Level	EPA 8270D SIM
,	EPA 8270D	Pyrene Low Level	EPA 8270D SIM
Bis(2-chloroethoxy)methane	EPA 625	Metals I	
	EPA 8270D	Barium, Total	EPA 200.7 Rev. 4.4
Bis(2-chloroethyl)ether	EPA 625		EPA 6010C
	EPA 8270D	Cadmium, Total	EPA 200.7 Rev. 4.4
Low Level Halocarbons			EPA 6010C
1,2-Dibromo-3-chloropropane, Low Level	EPA 8011		EPA 7010
1,2-Dibromoethane, Low Level	EPA 8011		SM 3113B-04
·	217.0011	Calcium, Total	EPA 200.7 Rev. 4.4
Low Level Polynuclear Aromatics			EPA 6010C
Acenaphthene Low Level	EPA 8270D SIM	Chromium, Total	EPA 200.7 Rev. 4.4

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

	Metals II	
EPA 6010C	Aluminum, Total	EPA 200.7 Rev. 4.4
EPA 200.7 Rev. 4.4		EPA 6010C
EPA 6010C	Antimony, Total	EPA 200.7 Rev. 4.4
EPA 200.7 Rev. 4.4		EPA 6010C
EPA 6010C		EPA 7010
EPA 200.7 Rev. 4.4		SM 3113B-04
EPA 6010C	Arsenic, Total	EPA 200.7 Rev. 4.4
EPA 7010		EPA 6010C
SM 3113B-04		EPA 7010
EPA 200.7 Rev. 4.4		SM 3113B-04
EPA 6010C	Beryllium, Total	EPA 200.7 Rev. 4.4
EPA 200.7 Rev. 4.4		EPA 6010C
EPA 6010C	Chromium VI	EPA 7196A
EPA 200.7 Rev. 4.4		SM 3500-Cr B-09,-11
EPA 6010C	Mercury, Total	EPA 245.1 Rev. 3.0
EPA 200.7 Rev. 4.4		EPA 7470A
EPA 6010C	Selenium, Total	EPA 200.7 Rev. 4.4
EPA 200.7 Rev. 4.4		EPA 6010C
EPA 6010C		EPA 7010
EPA 7010		SM 3113B-04
SM 3113B-04	Vanadium, Total	EPA 200.7 Rev. 4.4
EPA 200.7 Rev. 4.4		EPA 6010C
EPA 6010C	Zinc, Total	EPA 200.7 Rev. 4.4
EPA 200.7 Rev. 4.4		EPA 6010C
EPA 6010C		
	EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 7010 SM 3113B-04 EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C EPA 7010 SM 3113B-04 EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4	EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C Antimony, Total EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C Arsenic, Total EPA 7010 SM 3113B-04 EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C Chromium VI EPA 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C Sepa 200.7 Rev. 4.4 EPA 6010C Sepa 200.7 Rev. 4.4 EPA 6010C EPA 200.7 Rev. 4.4 EPA 6010C Selenium, Total EPA 200.7 Rev. 4.4 EPA 6010C EPA 7010 SM 3113B-04 Vanadium, Total EPA 200.7 Rev. 4.4 EPA 6010C EPA 7010 SM 3113B-04 EPA 6010C EPA 7010

Serial No.: 54725





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. PHYLLIS SHILLER
PHOENIX ENVIRONMENTAL LABS
587 EAST MIDDLE TURNPIKE
MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Metals III		Miscellaneous	
Cobalt, Total	EPA 200.7 Rev. 4.4	Boron, Total	EPA 6010C
	EPA 6010C	Bromide	EPA 300.0 Rev. 2.1
Gold, Total	EPA 200.7 Rev. 4.4	Color	SM 2120B-01,-11
Molybdenum, Total	EPA 200.7 Rev. 4.4	Cyanide, Total	EPA 335.4 Rev. 1.0
	EPA 6010C		EPA 9012B
Thallium, Total	EPA 200.7 Rev. 4.4	Formaldehyde	EPA 8315A
	EPA 6010C	Oil and Grease Total Recoverable (HEM)	EPA 1664A
	EPA 7010		EPA 1664B
	SM 3113B-04		EPA 9070A (Solvent:Hexane)
	EPA 200.9 Rev. 2.2	Organic Carbon, Total	SM 5310C-00,-11
Tin, Total	EPA 200.7 Rev. 4.4	Phenois	EPA 420.4 Rev. 1.0
	EPA 6010C	Specific Conductance	SM 2510B-97,-11
Titanium, Total	EPA 200.7 Rev. 4.4	Sulfide (as S)	SM 4500-S2- D-00,-11
	EPA 6010C	Surfactant (MBAS)	SM 5540C-00,-11
Mineral		Total Petroleum Hydrocarbons	EPA 1664A
Acidity	SM 2310B-97,-11	Turbidity	SM 2130 B-01,-11
Alkalinity	SM 2320B-97,-11	Nitroaromatics and Isophorone	
Calcium Hardness	EPA 200.7 Rev. 4.4	2,4-Dinitrotoluene	EPA 625
Chloride	EPA 300.0 Rev. 2.1		EPA 8270D
	SM 4500-CI- E-97,-11	2,6-Dinitrotoluene	EPA 625
Hardness, Total	EPA 200.7 Rev. 4.4		EPA 8270D
Sulfate (as SO4)	EPA 300.0 Rev. 2.1	Isophorone	EPA 625
	SM 4500-SO4 D-97,-11		EPA 8270D
Miscellaneous		Nitrobenzene	EPA 625
Boron, Total	EPA 200.7 Rev. 4.4		EPA 8270D

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Nitrosoamines		Organophosphate Pesticides	
N-Nitrosodimethylamine	EPA 625	Malathion	EPA 8141B
	EPA 8270D	Parathion ethyl	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 625	Simazine	EPA 8141B
	EPA 8270D	Petroleum Hydrocarbons	
N-Nitrosodiphenylamine	EPA 625	Diesel Range Organics	EPA 8015D
	EPA 8270D	Gasoline Range Organics	EPA 8015D
Nutrient			LFA 60 13D
Ammonia (as N)	EPA 350.1 Rev. 2.0	Phthalate Esters	
Kjeldahl Nitrogen, Total	EPA 351.1 Rev. 1978	Benzyl butyl phthalate	EPA 625
Nitrate (as N)	EPA 353.2 Rev. 2.0		EPA 8270D
,	EPA 300.0 Rev. 2.1	Bis(2-ethylhexyl) phthalate	EPA 625
Nitrate-Nitrite (as N)	EPA 353.2 Rev. 2.0		EPA 8270D
	EPA 300.0 Rev. 2.1	Diethyl phthalate	EPA 625
Nitrite (as N)	EPA 353.2 Rev. 2.0		EPA 8270D
,	EPA 300.0 Rev. 2.1	Dimethyl phthalate	EPA 625
Orthophosphate (as P)	SM 4500-P F-99,-11		EPA 8270D
,	SM 4500-P E-99,-11	Di-n-butyl phthalate	EPA 625
Phosphorus, Total	EPA 200.7 Rev. 4.4		EPA 8270D
•	SM 4500-P E-99,-11	Di-n-octyl phthalate	EPA 625
Organophophoto Besticidae	·		EPA 8270D
Organophosphate Pesticides		Polychlorinated Biphenyls	
Atrazine	EPA 8141B	PCB-1016	EPA 8082A
	EPA 8270D		EPA 608
Azinphos methyl	EPA 8141B	PCB-1221	EPA 8082A
Diazinon	EPA 8141B		EPA 608
Disulfoton	EPA 8141B		

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is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Polychlorinated Biphenyls		Polynuclear Aromatics	
PCB-1232	EPA 8082A	Benzo(ghi)perylene	EPA 625
	EPA 608		EPA 8270D
PCB-1242	EPA 8082A	Benzo(k)fluoranthene	EPA 625
	EPA 608		EPA 8270D
PCB-1248	EPA 8082A	Chrysene	EPA 625
	EPA 608		EPA 8270D
PCB-1254	EPA 8082A	Dibenzo(a,h)anthracene	EPA 625
	EPA 608		EPA 8270D
PCB-1260	EPA 8082A	Fluoranthene	EPA 625
	EPA 608		EPA 8270D
PCB-1262	EPA 8082A	Fluorene	EPA 625
PCB-1268	EPA 8082A		EPA 8270D
Polynuclear Aromatics		Indeno(1,2,3-cd)pyrene	EPA 625
Acenaphthene	EPA 625		EPA 8270D
, ioonaphiinone	EPA 8270D	Naphthalene	EPA 625
Acenaphthylene	EPA 625		EPA 8270D
, is a second product of the second product	EPA 8270D	Phenanthrene	EPA 625
Anthracene	EPA 625		EPA 8270D
	EPA 8270D	Pyrene	EPA 625
Benzo(a)anthracene	EPA 625		EPA 8270D
	EPA 8270D	Priority Pollutant Phenols	
Benzo(a)pyrene	EPA 625	2,3,4,6 Tetrachlorophenol	EPA 8270D
	EPA 8270D	2,4,5-Trichlorophenol	EPA 625
Benzo(b)fluoranthene	EPA 625	·	EPA 8270D
	EPA 8270D	2,4,6-Trichlorophenol	EPA 625

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Priority Pollutant Phenols		<b>Priority Pollutant Phenols</b>	
2,4,6-Trichlorophenol	EPA 8270D	Phenol	EPA 625
2,4-Dichlorophenol	EPA 625		EPA 8270D
	EPA 8270D	Residue	
2,4-Dimethylphenol	EPA 625	Settleable Solids	SM 2540 F-97,-11
	EPA 8270D	Solids, Total	SM 2540 B-97,-11
2,4-Dinitrophenol	EPA 625	Solids, Total Dissolved	SM 2540 C-97,-11
	EPA 8270D	Solids, Total Suspended	SM 2540 D-97,-11
2-Chlorophenol	EPA 625	Solids, Volatile	SM 2540 E-97,-11
	EPA 8270D	Solids, Volatile	3W 2340 L-57,-11
2-Methyl-4,6-dinitrophenol	EPA 625	Semi-Volatile Organics	
	EPA 8270D	1,1'-Biphenyl	EPA 8270D
2-Methylphenol	EPA 625	1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270D	1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Nitrophenol	EPA 625	1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270D	2-Methylnaphthalene	EPA 8270D
3-Methylphenol	EPA 8270D	Acetophenone	EPA 8270D
4-Chloro-3-methylphenol	EPA 625	alpha-Terpineol	EPA 625
	EPA 8270D	Benzaldehyde	EPA 8270D
4-Methylphenol	EPA 625	Benzoic Acid	EPA 8270D
	EPA 8270D	Benzyl alcohol	EPA 8270D
4-Nitrophenol	EPA 625	Caprolactam	EPA 8270D
	EPA 8270D	Dibenzofuran	EPA 8270D
Cresols, Total	EPA 625	Volatile Aromatics	
	EPA 8270D	1,2,4-Trichlorobenzene, Volatile	EPA 8260C
Pentachlorophenol	EPA 625	1,2,4-Trimethylbenzene	EPA 8260C
	EPA 8270D	.,=,	

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is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics		Volatile Aromatics	
1,2-Dichlorobenzene	EPA 8260C	Styrene	EPA 8260C
	EPA 624		EPA 624
1,3,5-Trimethylbenzene	EPA 8260C	tert-Butylbenzene	EPA 8260C
1,3-Dichlorobenzene	EPA 8260C	Toluene	EPA 8260C
	EPA 624		EPA 624
1,4-Dichlorobenzene	EPA 8260C	Total Xylenes	EPA 8260C
	EPA 624		EPA 624
2-Chlorotoluene	EPA 8260C	Volatile Halocarbons	
4-Chlorotoluene	EPA 8260C	1,1,1,2-Tetrachloroethane	EPA 8260C
Benzene	EPA 8260C	1,1,1-Trichloroethane	EPA 8260C
	EPA 624	,,,,, memoreanane	EPA 624
Bromobenzene	EPA 8260C	1,1,2,2-Tetrachloroethane	EPA 8260C
Chlorobenzene	EPA 8260C	1,1,2,2 10000000000000	EPA 624
	EPA 624	1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C
Ethyl benzene	EPA 8260C	1,1,2-Trichloroethane	EPA 8260C
	EPA 624	.,,,	EPA 624
Isopropylbenzene	EPA 8260C	1,1-Dichloroethane	EPA 8260C
m/p-Xylenes	EPA 8260C	,,, _,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPA 624
	EPA 624	1,1-Dichloroethene	EPA 8260C
Naphthalene, Volatile	EPA 8260C	,,	EPA 624
n-Butylbenzene	EPA 8260C	1,1-Dichloropropene	EPA 8260C
n-Propylbenzene	EPA 8260C	1,2,3-Trichloropropane	EPA 8260C
o-Xylene	EPA 8260C	1,2-Dibromo-3-chloropropane	EPA 8260C
	EPA 624	1,2-Dibromoethane	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260C	1,2-Dichloroethane	EPA 8260C
sec-Butylbenzene	EPA 8260C	i, E Diomoroumano	

Serial No.: 54725





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is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons		Volatile Halocarbons	
1,2-Dichloroethane	EPA 624	Dibromochloromethane	EPA 8260C
1,2-Dichloropropane	EPA 8260C		EPA 624
	EPA 624	Dibromomethane	EPA 8260C
1,3-Dichloropropane	EPA 8260C	Dichlorodifluoromethane	EPA 8260C
2,2-Dichloropropane	EPA 8260C		EPA 624
2-Chloroethylvinyl ether	EPA 8260C	Hexachlorobutadiene, Volatile	EPA 8260C
	EPA 624	Methyl iodide	EPA 8260C
Bromochloromethane	EPA 8260C	Methylene chloride	EPA 8260C
Bromodichloromethane	EPA 8260C		EPA 624
	EPA 624	Tetrachloroethene	EPA 8260C
Bromoform	EPA 8260C		EPA 624
	EPA 624	trans-1,2-Dichloroethene	EPA 8260C
Bromomethane	EPA 8260C		EPA 624
	EPA 624	trans-1,3-Dichloropropene	EPA 8260C
Carbon tetrachloride	EPA 8260C		EPA 624
	EPA 624	trans-1,4-Dichloro-2-butene	EPA 8260C
Chloroethane	EPA 8260C	Trichloroethene	EPA 8260C
	EPA 624		EPA 624
Chloroform	EPA 8260C	Trichlorofluoromethane	EPA 8260C
	EPA 624		EPA 624
Chloromethane	EPA 8260C	Vinyl chloride	EPA 8260C
	EPA 624		EPA 624
cis-1,2-Dichloroethene	EPA 8260C	Volatiles Organics	
	EPA 624	1,4-Dioxane	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260C	2-Butanone (Methylethyl ketone)	EPA 8260C
	EPA 624	2-Dutanone (wetnyletnyl ketone)	217102000

Serial No.: 54725





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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER

All approved analytes are listed below:

#### **Volatiles Organics**

2-Hexanone	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260C
Acetone	EPA 8260C
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C
Di-ethyl ether	EPA 8260C
Ethylene Glycol	EPA 8015D
Isobutyl alcohol	EPA 8015D
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
Vinyl acetate	EPA 8260C

## **Sample Preparation Methods**

SM 4500-P B(5)-99,-11

**EPA 5030C** 

SM 4500-CN B or C-99,-11

EPA 3010A EPA 3005A EPA 3510C EPA 3520C EPA 3020A

SM 4500-NH3 B-97,-11

**EPA 9010C** 

Serial No.: 54725





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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER All approved subcategories and/or analytes are listed below:

Volatile Halocarbons

Chloroethane

**EPA 8260C** 

Serial No.: 54214



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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Acrylates		Chlorinated Hydrocarbon Pesticides	
Acrolein (Propenal)	EPA 8260C	alpha-BHC	EPA 8081B
Acrylonitrile	EPA 8260C	alpha-Chlordane	EPA 8081B
Amines		Atrazine	EPA 8270D
1,2-Diphenylhydrazine	EPA 8270D	beta-BHC	EPA 8081B
2-Nitroaniline	EPA 8270D	Chlordane Total	EPA 8081B
3-Nitroaniline	EPA 8270D	delta-BHC	EPA 8081B
4-Chloroaniline	EPA 8270D	Dieldrin	EPA 8081B
4-Nitroaniline	EPA 8270D	Endosulfan I	EPA 8081B
Aniline	EPA 8270D	Endosulfan II	EPA 8081B
Carbazole	EPA 8270D	Endosulfan sulfate	EPA 8081B
Panel din a a		Endrin	EPA 8081B
Benzidines		Endrin aldehyde	EPA 8081B
3,3'-Dichlorobenzidine	EPA 8270D	Endrin Ketone	EPA 8081B
Benzidine	EPA 8270D	gamma-Chlordane	EPA 8081B
Characteristic Testing		Heptachlor	EPA 8081B
Corrosivity	EPA 9045D	Heptachlor epoxide	EPA 8081B
Free Liquids	EPA 9095B	Lindane	EPA 8081B
Ignitability	EPA 1010A	Methoxychlor	EPA 8081B
Synthetic Precipitation Leaching Proc.	EPA 1312	Mirex	EPA 8081B
TCLP	EPA 1311	Pentachloronitrobenzene	EPA 8270D
Chlorinated Wydrosophon Bostisidos		Simazine	EPA 8141B
Chlorinated Hydrocarbon Pesticides		Toxaphene	EPA 8081B
4,4'-DDD	EPA 8081B	Chlorinated Hydrocarbons	
4,4'-DDE	EPA 8081B	•	
4,4'-DDT	EPA 8081B	1,2,3-Trichlorobenzene	EPA 8260C
Aldrin	EPA 8081B	1,2,4,5-Tetrachlorobenzene	EPA 8270D

Serial No.: 54726





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Chlorinated Hydrocarbons Low Level Polynuclear Aromatic Hydrocarbons		ocarbons	
1,2,4-Trichlorobenzene	EPA 8270D	Acenaphthene Low Level	EPA 8270D SIM
2-Chloronaphthalene	EPA 8270D	Acenaphthylene Low Level	EPA 8270D SIM
Hexachlorobenzene	EPA 8270D	Anthracene Low Level	EPA 8270D SIM
Hexachlorobutadiene	EPA 8270D	Benzo(a)anthracene Low Level	EPA 8270D SIM
Hexachlorocyclopentadiene	EPA 8270D	Benzo(a)pyrene Low Level	EPA 8270D SIM
Hexachloroethane	EPA 8270D	Benzo(b)fluoranthene Low Level	EPA 8270D SIM
Chlorophenoxy Acid Pesticides		Benzo(g,h,i)perylene Low Level	EPA 8270D SIM
2,4,5-T	EPA 8151A	Benzo(k)fluoranthene Low Level	EPA 8270D SIM
2,4,5-TP (Silvex)	EPA 8151A	Chrysene Low Level	EPA 8270D SIM
2,4-D	EPA 8151A	Dibenzo(a,h)anthracene Low Level	EPA 8270D SIM
2,4-DB	EPA 8151A	Fluoranthene Low Level	EPA 8270D SIM
Dalapon	EPA 8151A	Fluorene Low Level	EPA 8270D SIM
Dicamba	EPA 8151A	Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D SIM
Dichloroprop	EPA 8151A	Naphthalene Low Level	EPA 8270D SIM
Dinoseb	EPA 8151A	Phenanthrene Low Level	EPA 8270D SIM
MCPA	EPA 8151A	Pyrene Low Level	EPA 8270D SIM
МСРР	EPA 8151A	Metals I	
Pentachlorophenol	EPA 8151A	Barium, Total	EPA 6010C
Haloethers		Cadmium, Total	EPA 6010C
2,2'-Oxybis(1-chloropropane)	EPA 8270D	Calcium, Total	EPA 6010C
4-Bromophenylphenyl ether	EPA 8270D	Chromium, Total	EPA 6010C
4-Chlorophenylphenyl ether	EPA 8270D	Copper, Total	EPA 6010C
Bis(2-chloroethoxy)methane	EPA 8270D	Iron, Total	EPA 6010C
Bis(2-chloroethyl)ether	EPA 8270D	Lead, Total	EPA 6010C
Dista Chiloropathyrjothiol	LI A OZIOD	Magnesium, Total	EPA 6010C

Serial No.: 54726





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

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MS. PHYLLIS SHILLER
PHOENIX ENVIRONMENTAL LABS
587 EAST MIDDLE TURNPIKE
MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Metals I		Minerals	
Manganese, Total	EPA 6010C	Bromide	EPA 9056A
Nickel, Total	EPA 6010C	Chloride	EPA 9056A
Potassium, Total	EPA 6010C	Fluoride, Total	EPA 9056A
Silver, Total	EPA 6010C	Sulfate (as SO4)	EPA 9056A
Sodium, Total	EPA 6010C	Miscellaneous	
Strontium, Total	EPA 6010C	Boron, Total	EPA 6010C
Metals II		Cyanide, Total	EPA 9012B
Aluminum, Total	EPA 6010C	Formaldehyde	EPA 8315A
Antimony, Total	EPA 6010C	Organic Carbon, Total	Lloyd Kahn Method
	EPA 7010		EPA 9060A
Arsenic, Total	EPA 6010C	Phenois	EPA 9065
Beryllium, Total	EPA 6010C		EPA 9066
Chromium VI	EPA 7196A	Specific Conductance	EPA 9050A
Mercury, Total	EPA 7471B	Sulfide (as S)	EPA 9034
Selenium, Total	EPA 6010C	Nitroaromatics and Isophorone	
Vanadium, Total	EPA 6010C	2,4-Dinitrotoluene	EPA 8270D
Zinc, Total	EPA 6010C	2,6-Dinitrotoluene	EPA 8270D
Metals III		Isophorone	EPA 8270D
Cobalt, Total	EPA 6010C	Nitrobenzene	EPA 8270D
Molybdenum, Total	EPA 6010C	Pyridine	EPA 8270D
Thallium, Total	EPA 6010C	Nitrosoamines	
	EPA 7010		ED1 0070D
Tin, Total	EPA 6010C	N-Nitrosodimethylamine	EPA 8270D
Titanium, Total	EPA 6010C	N-Nitrosodi-n-propylamine	EPA 8270D
·		N-Nitrosodiphenylamine	EPA 8270D

Serial No.: 54726





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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040

> is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Nutrients		Polychlorinated Biphenyls	
Nitrate (as N)	EPA 9056A	PCB-1248	EPA 8082A
Nitrite (as N)	EPA 9056A	PCB-1254	EPA 8082A
Organophosphate Pesticides		PCB-1260	EPA 8082A
Azinphos methyl	EPA 8141B	PCB-1262	EPA 8082A
Diazinon	EPA 8141B	PCB-1268	EPA 8082A
Disulfoton	EPA 8141B	PCBs in Oil	EPA-600/4-81-045
Malathion	EPA 8141B	Polynuclear Aromatic Hydrocarbons	
Parathion ethyl	EPA 8270D	Acenaphthene	EPA 8270D
Petroleum Hydrocarbons		Acenaphthylene	EPA 8270D
Diesel Range Organics	EPA 8015D	Anthracene	EPA 8270D
Gasoline Range Organics	EPA 8015D	Benzo(a)anthracene	EPA 8270D
Oil and Grease Total Recoverable (HEM)		Benzo(a)pyrene	EPA 8270D
	Zi / voor /Z (conona loxalle)	Benzo(b)fluoranthene	EPA 8270D
Phthalate Esters		Benzo(ghi)perylene	EPA 8270D
Benzyl butyl phthalate	EPA 8270D	Benzo(k)fluoranthene	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270D	Chrysene	EPA 8270D
Diethyl phthalate	EPA 8270D	Dibenzo(a,h)anthracene	EPA 8270D
Dimethyl phthalate	EPA 8270D	Fluoranthene	EPA 8270D
Di-n-butyl phthalate	EPA 8270D	Fluorene	EPA 8270D
Di-n-octyl phthalate	EPA 8270D	Indeno(1,2,3-cd)pyrene	EPA 8270D
Polychlorinated Biphenyls		Naphthalene	EPA 8270D
PCB-1016	EPA 8082A	Phenanthrene	EPA 8270D
PCB-1221	EPA 8082A	Pyrene	EPA 8270D
PCB-1232	EPA 8082A	Priority Pollutant PhenoIs	
PCB-1242	EPA 8082A	2,3,4,6 Tetrachlorophenol	EPA 8270D

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Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Priority Pollutant PhenoIs		Semi-Volatile Organics	
2,4,5-Trichlorophenol	EPA 8270D	Dibenzofuran	EPA 8270D
2,4,6-Trichlorophenol	EPA 8270D	Volatile Aromatics	
2,4-Dichlorophenol	EPA 8270D	1,2,4-Trichlorobenzene, Volatile	EPA 8260C
2,4-Dimethylphenol	EPA 8270D	1,2,4-Trimethylbenzene	EPA 8260C
2,4-Dinitrophenol	EPA 8270D	1,2-Dichlorobenzene	EPA 8260C
2-Chlorophenol	EPA 8270D	1,3,5-Trimethylbenzene	EPA 8260C
2-Methyl-4,6-dinitrophenol	EPA 8270D	1,3-Dichlorobenzene	EPA 8260C
2-Methylphenol	EPA 8270D	1,4-Dichlorobenzene	EPA 8260C
2-Nitrophenol	EPA 8270D	2-Chlorotoluene	EPA 8260C
3-Methylphenol	EPA 8270D	4-Chlorotoluene	EPA 8260C
4-Chloro-3-methylphenol	EPA 8270D	Benzene	EPA 8260C
4-Methylphenol	EPA 8270D	Bromobenzene	EPA 8260C
4-Nitrophenol	EPA 8270D	Chlorobenzene	EPA 8260C
Pentachlorophenol	EPA 8270D	Ethyl benzene	EPA 8260C
Phenol	EPA 8270D	Isopropylbenzene	EPA 8260C
Semi-Volatile Organics		m/p-Xylenes	EPA 8260C
1,1'-Biphenyl	EPA 8270D	Naphthalene, Volatile	EPA 8260C
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D	n-Butylbenzene	EPA 8260C
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D	n-Propylbenzene	EPA 8260C
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D	• • • • • • • • • • • • • • • • • • • •	EPA 8260C
2-Methylnaphthalene	EPA 8270D	o-Xylene	
Acetophenone	EPA 8270D	p-Isopropyltoluene (P-Cymene)	EPA 8260C EPA 8260C
•		sec-Butylbenzene	
Benzaldehyde Benzyl alcohol	EPA 8270D	Styrene	EPA 8260C
•	EPA 8270D	tert-Butylbenzene	EPA 8260C
Caprolactam	EPA 8270D	Toluene	EPA 8260C

Serial No.: 54726





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MS. PHYLLIS SHILLER
PHOENIX ENVIRONMENTAL LABS
587 EAST MIDDLE TURNPIKE
MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

Volatile Aromatics		Volatile Halocarbons	
Total Xylenes	EPA 8260C	cis-1,2-Dichloroethene E	PA 8260C
Volatile Halocarbons		cis-1,3-Dichloropropene E	PA 8260C
1,1,1,2-Tetrachloroethane	EPA 8260C	Dibromochloromethane	PA 8260C
1.1.1-Trichloroethane	EPA 8260C	Dibromomethane	PA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260C	Dichlorodifluoromethane E	PA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C	Hexachlorobutadiene, Volatile E	PA 8260C
1.1.2-Trichloroethane	EPA 8260C	Methylene chloride E	PA 8260C
1,1-Dichloroethane	EPA 8260C	Tetrachloroethene	PA 8260C
1,1-Dichloroethene	EPA 8260C	trans-1,2-Dichloroethene E	PA 8260C
1,1-Dichloropropene	EPA 8260C	trans-1,3-Dichloropropene E	PA 8260C
1,2,3-Trichloropropane	EPA 8260C	trans-1,4-Dichloro-2-butene E	PA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260C	Trichloroethene	PA 8260C
1,2-Dibromoethane	EPA 8260C	Trichlorofluoromethane E	PA 8260C
1,2-Dichloroethane	EPA 8260C	Vinyl chloride E	PA 8260C
1,2-Dichloropropane	EPA 8260C	Volatile Organics	
1,3-Dichloropropane	EPA 8260C	•	PA 8260C
2,2-Dichloropropane	EPA 8260C	• • • • • • • • • • • • • • • • • • • •	PA 8260C
2,2-Dichloroproparie  Bromochloromethane			
	EPA 8260C		PA 8260C
Bromodichloromethane	EPA 8260C	· · · · · · · · · · · · · · · · · · ·	PA 8260C
Bromoform	EPA 8260C		PA 8260C
Bromomethane	EPA 8260C		PA 8260C
Carbon tetrachloride	EPA 8260C	Cyclohexane	PA 8260C
Chloroethane	EPA 8260C	Ethylene Glycol E	PA 8260C
Chloroform	EPA 8260C	E	PA 8015D
Chloromethane	EPA 8260C	Methyl acetate E	PA 8260C

Serial No.: 54726





Expires 12:01 AM April 01, 2017 Issued April 01, 2016 Revised April 14, 2016

## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

#### **Volatile Organics**

Methyl cyclohexane	EPA 8260C
Methyl tert-butyl ether	EPA 8260C
tert-butyl alcohol	EPA 8260C

## Sample Preparation Methods

EPA 5035A-L EPA 5035A-H EPA 3580A EPA 9030B EPA 3050B EPA 3550C EPA 3540C EPA 3545A EPA 3051A EPA 5021A EPA 3060A EPA 9010C

Serial No.: 54726





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MS. PHYLLIS SHILLER
PHOENIX ENVIRONMENTAL LABS
587 EAST MIDDLE TURNPIKE
MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

#### **Miscellaneous**

Lead in Dust Wipes

**EPA 6010C** 

Lead in Paint

**EPA 6010C** 

**Sample Preparation Methods** 

**EPA 3050B** 

**EPA 3051A** 

Serial No.: 54216



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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:

Acrylates		Purgeable Aromatics	
Acrylonitrile	EPA TO-15	1,3-Dichlorobenzene	EPA TO-15
Methyl methacrylate	EPA TO-15	1,4-Dichlorobenzene	EPA TO-14A
Chlorinated Hydrocarbons			EPA TO-15
1,2,4-Trichlorobenzene	EPA TO-14A	2-Chlorotoluene	EPA TO-15
,,=,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPA TO-15	Benzene	EPA TO-14A
Hexachlorobutadiene	EPA TO-14A		EPA TO-15
	EPA TO-15	Chlorobenzene	EPA TO-14A
Hexachloroethane	EPA TO-14A		EPA TO-15
	EPA TO-15	Ethyl benzene	EPA TO-14A
Metals I			EPA TO-15
		Isopropylbenzene	EPA TO-15
Lead, Total	EPA 7010	m/p-Xylenes	EPA TO-15
Polychlorinated Biphenyls		o-Xylene	EPA TO-15
PCBs and Aroclors	EPA TO-10A	Styrene	EPA TO-14A
Polynuclear Aromatics			EPA TO-15
•	ED) TO 45	Toluene	EPA TO-14A
Naphthalene	EPA TO-15		EPA TO-15
Purgeable Aromatics		Total Xylenes	EPA TO-14A
1,2,4-Trimethylbenzene	EPA TO-14A		EPA TO-15
	EPA TO-15	Purgeable Halocarbons	
1,2-Dichlorobenzene	EPA TO-14A	1,1,1-Trichloroethane	EPA TO-14A
	EPA TO-15	i, i, i ilidilorodilalio	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-14A	1,1,2,2-Tetrachloroethane	EPA TO-14A
	EPA TO-15	1, 1,2,2-16uacinologuiane	EPA TO-14A
1,3-Dichlorobenzene	EPA TO-14A	1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-14A

Serial No.: 54217





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MS. PHYLLIS SHILLER
PHOENIX ENVIRONMENTAL LABS
587 EAST MIDDLE TURNPIKE
MANCHESTER, CT 06040

NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:

Purgeable Halocarbons		Purgeable Halocarbons	
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15	Chloroform	EPA TO-15
1,1,2-Trichloroethane	EPA TO-14A	Chloromethane	EPA TO-14A
	EPA TO-15		<b>EPA</b> TO-15
1,1-Dichloroethane	EPA TO-14A	cis-1,2-Dichloroethene	EPA TO-14A
	EPA TO-15		EPA TO-15
1,1-Dichloroethene	EPA TO-14A	cis-1,3-Dichloropropene	EPA TO-14A
	EPA TO-15		EPA TO-15
1,2-Dibromo-3-chloropropane	EPA TO-14A	Dibromochloromethane	EPA TO-15
	EPA TO-15	Dichlorodifluoromethane	EPA TO-14A
1,2-Dibromoethane	EPA TO-14A		EPA TO-15
	EPA TO-15	Methylene chloride	EPA TO-14A
1,2-Dichloroethane	EPA TO-14A		EPA TO-15
	EPA TO-15	Tetrachloroethene	EPA TO-14A
1,2-Dichloropropane	EPA TO-14A		EPA TO-15
	EPA TO-15	trans-1,2-Dichloroethene	EPA TO-14A
3-Chloropropene (Allyl chloride)	EPA TO-15		EPA TO-15
Bromodichloromethane	EPA TO-14A	trans-1,3-Dichloropropene	EPA TO-14A
	EPA TO-15		EPA TO-15
Bromoform	EPA TO-15	Trichloroethene	EPA TO-14A
Bromomethane	EPA TO-14A		EPA TO-15
	EPA TO-15	Trichlorofluoromethane	EPA TO-14A
Carbon tetrachloride	EPA TO-14A		EPA TO-15
	EPA TO-15	Vinyl bromide	EPA TO-15
Chloroethane	EPA TO-14A	Vinyl chloride	EPA TO-14A
	EPA TO-15		EPA TO-15
Chloroform	EPA TO-14A		

Serial No.: 54217





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MS. PHYLLIS SHILLER PHOENIX ENVIRONMENTAL LABS 587 EAST MIDDLE TURNPIKE MANCHESTER, CT 06040 NY Lab Id No: 11301

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:

#### **Volatile Chlorinated Organics**

Benzyl chloride	EPA TO-14A
	EPA TO-15
Volatile Organics	
1,2-Dichlorotetrafluoroethane	EPA TO-14A
	EPA TO-15
1,3-Butadiene	EPA TO-14A
	EPA TO-15
1,4-Dioxane	EPA TO-15
2,2,4-Trimethylpentane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetone	EPA TO-15
Carbon Disulfide	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
n-Heptane	EPA TO-15
tert-butyl alcohol	EPA TO-15

Serial No.: 54217





Expires 12:01 AM April 01, 2017 Issued April 01, 2016

## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY YORK ANALYTICAL LABORATORIES INC 120 RESEARCH DRIVE STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

Fuel Additives		Metals II	
Methyl tert-butyl ether	EPA 524.2	Antimony, Total	EPA 200.8 Rev. 5.4
Naphthalene	EPA 524.2	Beryllium, Total	EPA 200.7 Rev. 4.4
Metals I			EPA 200.8 Rev. 5.4
Arsenic, Total	EPA 200.8 Rev. 5.4	Molybdenum, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4	Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4		EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4	Thallium, Total	EPA 200.8 Rev. 5.4
	EPA 200.8 Rev. 5.4	Vanadium, Total	EPA 200.7 Rev. 4.4
Chromium, Total	EPA 200.7 Rev. 4.4		EPA 200.8 Rev. 5.4
	EPA 200.8 Rev. 5.4	Metals III	
Copper, Total	EPA 200.7 Rev. 4.4	Calcium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4	Magnesium, Total	EPA 200.7 Rev. 4.4
Iron, Total	EPA 200.7 Rev. 4.4	Potassium, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4	Sodium, Total	EPA 200.7 Rev. 4.4
Manganese, Total	EPA 200.7 Rev. 4.4	Non-Metals	
	EPA 200.8 Rev. 5.4	Alkalinity	SM 18-22 2320B (-97)
Mercury, Total	EPA 245.1 Rev. 3.0	Calcium Hardness	EPA 200.7 Rev. 4.4
Selenium, Total	EPA 200.8 Rev. 5.4	Chloride	EPA 300.0 Rev. 2.1
Silver, Total	EPA 200.7 Rev. 4.4	Color	SM 18-22 2120B (-01)
	EPA 200.8 Rev. 5.4	Nitrate (as N)	EPA 300.0 Rev. 2.1
Zinc, Total	EPA 200.7 Rev. 4.4	Nitrite (as N)	EPA 300.0 Rev. 2.1
i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	EPA 200.8 Rev. 5.4	Orthophosphate (as P)	EPA 300.0 Rev. 2.1
Metals II			SM 18-22 4500-P E (-99)
Aluminum, Total	EPA 200.7 Rev. 4.4	Solids, Total Dissolved	SM 18-22 2540C (-97)
	EPA 200.8 Rev. 5.4	Specific Conductance	EPA 120.1 Rev. 1982

Serial No.: 54046





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#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY YORK ANALYTICAL LABORATORIES INC 120 RESEARCH DRIVE STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

Non-Metals		Volatile Aromatics	
Sulfate (as SO4)	EPA 300.0 Rev. 2.1	sec-Butylbenzene	EPA 524.2
Trihalomethanes		Styrene	EPA 524.2
Bromodichloromethane	EPA 524.2	tert-Butylbenzene	EPA 524.2
Bromoform	EPA 524.2	Toluene	EPA 524.2
Chloroform	EPA 524.2	Total Xylenes	EPA 524.2
Dibromochloromethane	EPA 524.2	Volatile Halocarbons	
Volatile Aromatics		1,1,1,2-Tetrachloroethane	EPA 524.2
1,2,3-Trichlorobenzene	EPA 524.2	1,1,1-Trichloroethane	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2	1,1,2,2-Tetrachloroethane	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2	1,1,2-Trichloroethane	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2	1,1-Dichloroethane	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2	1,1-Dichloroethene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2	1,1-Dichloropropene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2	1,2,3-Trichloropropane	EPA 524.2
1000 1000 1000 1000 1000 1000 1000 100	AND COMMENT AND CO	1,2-Dichloroethane	EPA 524.2
2-Chlorotoluene	EPA 524.2	1,2-Dichloropropane	EPA 524.2
4-Chlorotoluene	EPA 524.2	1,3-Dichloropropane	EPA 524.2
Benzene	EPA 524.2	2,2-Dichloropropane	EPA 524.2
Bromobenzene	EPA 524.2	Bromochloromethane	EPA 524.2
Chlorobenzene	EPA 524.2	Bromomethane	EPA 524.2
Ethyl benzene	EPA 524.2	Carbon tetrachloride	EPA 524.2
Hexachlorobutadiene	EPA 524.2	Chloroethane	
Isopropylbenzene	EPA 524.2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EPA 524.2
n-Butylbenzene	EPA 524.2	Chloromethane	EPA 524.2
n-Propylbenzene	EPA 524.2	cis-1,2-Dichloroethene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2	cis-1,3-Dichloropropene	EPA 524.2

Serial No.: 54046





Expires 12:01 AM April 01, 2017 Issued April 01, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. ROBERT Q. BRADLEY YORK ANALYTICAL LABORATORIES INC 120 RESEARCH DRIVE STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

#### **Volatile Halocarbons**

Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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All approved analytes are listed below:

Fuel Additives		Metals II	
Methyl tert-butyl ether	EPA 524.2	Antimony, Total	EPA 200.8 Rev. 5.4
Naphthalene	EPA 524.2	Beryllium, Total	EPA 200.7 Rev. 4.4
Metals I			EPA 200.8 Rev. 5.4
Arsenic, Total	EPA 200.8 Rev. 5.4	Molybdenum, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4	Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4		EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4	Thallium, Total	EPA 200.8 Rev. 5.4
	EPA 200.8 Rev. 5.4	Vanadium, Total	EPA 200.7 Rev. 4.4
Chromium, Total	EPA 200.7 Rev. 4.4		EPA 200.8 Rev. 5.4
	EPA 200.8 Rev. 5.4	Metals III	
Copper, Total	EPA 200.7 Rev. 4.4	Calcium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4	Magnesium, Total	EPA 200.7 Rev. 4.4
Iron, Total	EPA 200.7 Rev. 4.4	Potassium, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4	Sodium, Total	EPA 200.7 Rev. 4.4
Manganese, Total	EPA 200.7 Rev. 4.4	Non-Metals	
	EPA 200.8 Rev. 5.4	Alkalinity	SM 18-22 2320B (-97)
Mercury, Total	EPA 245.1 Rev. 3.0	Calcium Hardness	EPA 200.7 Rev. 4.4
Selenium, Total	EPA 200.8 Rev. 5.4	Chloride	EPA 300.0 Rev. 2.1
Silver, Total	EPA 200.7 Rev. 4.4	Color	SM 18-22 2120B (-01)
	EPA 200.8 Rev. 5.4	Nitrate (as N)	EPA 300.0 Rev. 2.1
Zinc, Total	EPA 200.7 Rev. 4.4	Nitrite (as N)	EPA 300.0 Rev. 2.1
i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	EPA 200.8 Rev. 5.4	Orthophosphate (as P)	EPA 300.0 Rev. 2.1
Metals II			SM 18-22 4500-P E (-99)
Aluminum, Total	EPA 200.7 Rev. 4.4	Solids, Total Dissolved	SM 18-22 2540C (-97)
	EPA 200.8 Rev. 5.4	Specific Conductance	EPA 120.1 Rev. 1982

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All approved analytes are listed below:

Non-Metals		Volatile Aromatics	
Sulfate (as SO4)	EPA 300.0 Rev. 2.1	sec-Butylbenzene	EPA 524.2
Trihalomethanes		Styrene	EPA 524.2
Bromodichloromethane	EPA 524.2	tert-Butylbenzene	EPA 524.2
Bromoform	EPA 524.2	Toluene	EPA 524.2
Chloroform	EPA 524.2	Total Xylenes	EPA 524.2
Dibromochloromethane	EPA 524.2	Volatile Halocarbons	
Volatile Aromatics		1,1,1,2-Tetrachloroethane	EPA 524.2
1,2,3-Trichlorobenzene	EPA 524.2	1,1,1-Trichloroethane	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2	1,1,2,2-Tetrachloroethane	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2	1,1,2-Trichloroethane	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2	1,1-Dichloroethane	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2	1,1-Dichloroethene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2	1,1-Dichloropropene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2	1,2,3-Trichloropropane	EPA 524.2
1000 1000 1000 1000 1000 1000 1000 100	AND COMMENT AND CO	1,2-Dichloroethane	EPA 524.2
2-Chlorotoluene	EPA 524.2	1,2-Dichloropropane	EPA 524.2
4-Chlorotoluene	EPA 524.2	1,3-Dichloropropane	EPA 524.2
Benzene	EPA 524.2	2,2-Dichloropropane	EPA 524.2
Bromobenzene	EPA 524.2	Bromochloromethane	EPA 524.2
Chlorobenzene	EPA 524.2	Bromomethane	EPA 524.2
Ethyl benzene	EPA 524.2	Carbon tetrachloride	EPA 524.2
Hexachlorobutadiene	EPA 524.2	Chloroethane	
Isopropylbenzene	EPA 524.2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EPA 524.2
n-Butylbenzene	EPA 524.2	Chloromethane	EPA 524.2
n-Propylbenzene	EPA 524.2	cis-1,2-Dichloroethene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2	cis-1,3-Dichloropropene	EPA 524.2

Serial No.: 54046





Expires 12:01 AM April 01, 2017 Issued April 01, 2016

#### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MR. ROBERT Q. BRADLEY YORK ANALYTICAL LABORATORIES INC 120 RESEARCH DRIVE STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

#### **Volatile Halocarbons**

Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

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## CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

DR. PETER FRASCA
EMSL ANALYTICAL INC
200 ROUTE 130 NORTH
CINNAMINSON, NJ. 08077

Bacteriology

NY Lab Id No: 10872

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

Coliform, Total / E. coli (Qualitative)	SM 18-22 9223B (-97) (Colifert)	Manganese, Total		SM 18-22 3120B (-99)
Disinfection By-products				EPA 200.8 Rev. 5.4
Bromide	EPA 300.0 Rev. 2.1	Mercury, Total		EPA 245.1 Rev. 3.0
	2.1			SM 18-22 3112B (-99,-09)
Fuel Additives		Selenium, Total		EPA 200.8 Rev. 5.4
Methyl tert-butyl ether	EPA 524.2	Silver, Total		EPA 200.7 Rev. 4.4
Naphthalene	EPA 524.2			SM 18-22 3120B (-99)
Metals I				EPA 200.8 Rev. 5.4
Arsenic Total	EPA 200.8 Rev. 5.4	Zinc, Total	#154 FT	EPA 200.7 Rev. 4.4
Barium, Total	EPA 200.7 Rev. 4.4			SM 18-22 3120B (-99)
	SM 18-22 3120B (-99)			EPA 200.8 Rev. 5.4
- 역승형 경화하기를 보고 하는데, 경우 100 HT (1985) [설명 1972]	EPA 200.8 Rev. 5.4	Metals II		
Cadmium, Total	EPA 200.7 Rev. 4.4	Aluminum, Total	년 - 1 - <b>출</b> 발, 2학 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4			SM 18-22 3120B (-99)
Chromium, Total	EPA 200.7 Rev. 4.4	#dan W		EPA 200.8 Rev. 5.4
	SM 18-22 3120B (-99)	Antimony, Total	ist fil	EPA 200.8 Rev. 5.4
	EPA 200.8 Rev. 5.4	Beryllium, Total		EPA 200.7 Rev. 4.4
Copper, Total	EPA 200.7 Rev. 4.4		_ =	EPA 200.8 Rev. 5.4
	SM 18-19,21-22 3111B (-99)	Nickel, Total		EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4		are en communication de la	SM 18-22 3120B (-99)
Iron, Total	EPA 200.7 Rev. 4.4	A.A.		EPA 200.8 Rev. 5.4
	SM 18-22 3120B (-99)	Thallium, Total	ar ar <b>f</b> ens	EPA 200.8 Rev. 5.4
Lead, Total	EPA 200.9 Rev. 2.2			
	EPA 200.8 Rev. 5,4	Metals III		
Manganese, Total	EPA 200.7 Rev. 4.4	Calcium, Total		EPA 200.7 Rev. 4.4
		Magnesium, Total		EPA 200.7 Rev. 4.4
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Serial No.: 52156



# Attachment 4

Sample Copy of Plumbing Profile Questionnaire

## J.C. Broderick & Associates, Inc.

Environmental Consulting & Testing 1775 Expressway Drive North Hauppauge, New York 11788 631.584.5492 fax 631.584.3395

<b>Plumbing Profile Questionnaire for</b>		(Print School District)	
where lead is likely to be a problem in you assist in in prioritizing sampling efforts.	sist in the development of a plumbing profile r facility. The more accurate the response, the Therefore, if the answer is not known, or is not fyou have any questions or need any assistanturn to our office.	more accurate the profile which will completely reliable please respond	
Completed by: (Name)			
Signature:		Date:	
Plumbing Profile Questions	Answers		
1. When was the original building constructed?			
Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.			
2. If built or repaired since 1986, were lead-free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments? What type of solder has been used?			
3. When were the most recent plumbing repairs made (note locations)?			
4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?  Note the location where the service connection enters the building and connects to the interior plumbing.			

5. Specifically, what are the potable water pipes made of in your facility (note the locations)?  • Lead  • Plastic  • Galvanized Metal  • Cast Iron  • Copper  • Other  Note the location of the different	
types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.	
6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?	
Note the location of any tanks, and any available information about the tank; e.g., manufacturer, date of installation.	
7. Was lead solder used in your plumbing system? Note the locations with lead solder.	
8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: Most faucets are brass on the inside.)	
You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.	

<ul> <li>9. How many of the following outlets provide water for consumption? Note the locations.</li> <li>Water Coolers</li> <li>Bubblers</li> <li>Ice Makers</li> <li>Kitchen Taps</li> <li>Drinking Fountains or Taps</li> </ul>	
10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers in Appendix E of this document? Note the locations of any banned coolers.	
11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.	
12. Have these screens been cleaned? Note the locations.	

13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.	
14. Is any electrical equipment grounded to water pipes? Note the locations.	
15. Have there been any complaints about bad (metallic) taste? Note the locations.	

<ul> <li>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</li> <li>Name of contaminant(s)?</li> <li>What concentrations of these contaminants were found?</li> <li>What was the pH level of the water?</li> <li>Is testing done regularly at your facility?</li> </ul>	
<ul> <li>Other plumbing questions:</li> <li>Are blueprints of the building available?</li> <li>Are there known plumbing "dead-ends," low use areas, existing leaks or other "problem areas"?</li> <li>Are renovations being planned for part or all of the plumbing system?</li> </ul>	