

Barton & Loguidice, D.P.C.

Memo To: Dennis Hathaway, Herkimer CSD
Phil Squadrito, King + King Architects

Date: September 20, 2019

From: Ronald C. Thorp
Senior Managing Industrial Hygienist

Project No.: 899.152.001

Subject: Herkimer Central School District
Lead in Water Sampling

At your request, sampling for lead at four sinks was performed on July 11, 2019 and July 22, 2019. The plumbing attached to the sinks sampled was replaced over the summer break of 2019 in the Faculty Room of Herkimer Elementary, the Teacher’s Lounge in Herkimer High School, the Break room in the Herkimer Bus Garage, and the Maintenance room of the Herkimer Field House. The laboratory analysis was performed by Test America of Buffalo, New York. Sample locations and results are presented below.

Herkimer Elementary School Lead Sampling				
Sample No.	Location	Results	Units	Comment
ES-1A	Faculty Room Sink	0.50	µg/L	First Draw
ES-1B	Faculty Room Sink	0.48		Second Draw
µg/L = micrograms per liter				

Herkimer High School Lead Sampling				
Sample No.	Location	Results	Units	Comment
HS-1	Teacher’s Lounge Sink	ND	µg/L	First Draw
HS-2	Teacher’s Lounge Sink	ND		Second Draw
µg/L = micrograms per liter ND = No Detection				

Herkimer Bus Garage Lead Sampling				
Sample No.	Location	Results	Units	Comment
BG-1	Break Room Sink	2.0	µg/L	First Draw
BG-2	Break Room Sink	2.0		Second Draw
µg/L = micrograms per liter				





Dennis Hathaway
Phil Squadrito
September 20, 2019
Page 2

Herkimer Field House Lead Sampling				
Sample No.	Location	Results	Units	Comment
FH-1	Maintenance Sink	1.7	µg/L	First Draw
FH-2	Maintenance Sink	1.1		Second Draw
µg/L = micrograms per liter				

The laboratory results were below the required action level of 15 µg/L for lead in water. A copy of the laboratory report and sample chain of custody documentation is attached. If you have any questions, feel free to give me a call at (315) 457-5200.

RCT/akg
Attachments



ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-156154-1
Client Project/Site: Herkimer Elementary

For:
Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, New York 13088

Attn: Ronald C Thorp



Authorized for release by:
7/26/2019 3:38:53 PM

Julianna DuHart, Project Management Assistant I
julianna.duhart@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Job ID: 480-156154-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-156154-1**

Receipt

The samples were received on 7/12/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

Metals

Method 200.8: The laboratory control sample (LCS) for preparation batch 480-483134 and analytical batch 480-483959 recovered outside control limits for the following analytes: Total Beryllium. These analytes were biased high in the LCS and were not detected in the associated samples ES-1A (480-156154-1), ES-1B (480-156154-2), (480-156154-A-1-B MS), (480-156154-A-1-C MSD), (480-156154-A-1-A PDS) and (480-156154-A-1-A SD ^5); therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



Detection Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Client Sample ID: ES-1A

Lab Sample ID: 480-156154-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.50	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: ES-1B

Lab Sample ID: 480-156154-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.48	J	1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.



Client Sample Results

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Client Sample ID: ES-1A

Date Collected: 07/11/19 07:30

Date Received: 07/12/19 08:00

Lab Sample ID: 480-156154-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.50	J	1.0	0.17	ug/L		07/23/19 08:51	07/26/19 10:07	1

Client Sample ID: ES-1B

Date Collected: 07/11/19 07:30

Date Received: 07/12/19 08:00

Lab Sample ID: 480-156154-2

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.48	J	1.0	0.17	ug/L		07/23/19 08:51	07/26/19 10:35	1

QC Sample Results

Client: Barton & Loguidice, D.P.C.
 Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-483134/1-A
Matrix: Water
Analysis Batch: 483959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0	0.17	ug/L		07/23/19 08:51	07/26/19 10:02	1

Lab Sample ID: LCS 480-483134/2-A
Matrix: Water
Analysis Batch: 483959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	20.0	17.81		ug/L		89	85 - 115

Lab Sample ID: 480-156154-1 MS
Matrix: Water
Analysis Batch: 483959

Client Sample ID: ES-1A
Prep Type: Total/NA
Prep Batch: 483134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Lead	0.50	J	20.0	18.71		ug/L		91	70 - 130

Lab Sample ID: 480-156154-1 MSD
Matrix: Water
Analysis Batch: 483959

Client Sample ID: ES-1A
Prep Type: Total/NA
Prep Batch: 483134

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Lead	0.50	J	20.0	18.76		ug/L		91	70 - 130	0	20

QC Association Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Metals

Prep Batch: 483134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-156154-1	ES-1A	Total/NA	Water	200.8	
480-156154-2	ES-1B	Total/NA	Water	200.8	
MB 480-483134/1-A	Method Blank	Total/NA	Water	200.8	
LCS 480-483134/2-A	Lab Control Sample	Total/NA	Water	200.8	
480-156154-1 MS	ES-1A	Total/NA	Water	200.8	
480-156154-1 MSD	ES-1A	Total/NA	Water	200.8	

Analysis Batch: 483959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-156154-1	ES-1A	Total/NA	Water	200.8	483134
480-156154-2	ES-1B	Total/NA	Water	200.8	483134
MB 480-483134/1-A	Method Blank	Total/NA	Water	200.8	483134
LCS 480-483134/2-A	Lab Control Sample	Total/NA	Water	200.8	483134
480-156154-1 MS	ES-1A	Total/NA	Water	200.8	483134
480-156154-1 MSD	ES-1A	Total/NA	Water	200.8	483134

Lab Chronicle

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Client Sample ID: ES-1A

Date Collected: 07/11/19 07:30

Date Received: 07/12/19 08:00

Lab Sample ID: 480-156154-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483134	07/23/19 08:51	BMB	TAL BUF
Total/NA	Analysis	200.8		1	483959	07/26/19 10:07	KMP	TAL BUF

Client Sample ID: ES-1B

Date Collected: 07/11/19 07:30

Date Received: 07/12/19 08:00

Lab Sample ID: 480-156154-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483134	07/23/19 08:51	BMB	TAL BUF
Total/NA	Analysis	200.8		1	483959	07/26/19 10:35	KMP	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL BUF
200.8	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Sample Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer Elementary

Job ID: 480-156154-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-156154-1	ES-1A	Water	07/11/19 07:30	07/12/19 08:00	
480-156154-2	ES-1B	Water	07/11/19 07:30	07/12/19 08:00	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody Record

Carrier: Syracuse Carrier No.: 480-129789-29283.5 Page: Page 5 of 5 Job #: #225		Analysis Requested: Preservation Codes: A - HCL B - NaOH C - Zn Acetate M - Hexane N - None O - AsNaO2 P - No PVC	
Client Information: Client Contact: Ron Thorp Company: Barton & Loguidice, D.P.C. Address: 443 Electronics Parkway City: Liverpool State, Zip: NY, 13088 Phone: 315-457-5200 Email: rthorp@bartonandloguidice.com Project Name: King + King Architects Site: Herkimer Elementary		Due Date Requested: TAT Requested (days): 5 days PO #: WO #: Project #: 899.152.001 SSON#:	
Sample Identification ES-14 ES-1B 7-11-19		Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air) Sample Type (C=Comp, G=grab) Sample Time Sample Date Preservation Code: Water Water Water Water	
Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>		Special Instructions/Note: Total Number of Containers:	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Method of Shipment:	
Relinquished by: Ron Thorp		Date/Time: 7-11-19, 12:15	
Relinquished by: Ron Thorp		Date/Time: 7-11-19, 13:00	
Relinquished by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: #1310	



Login Sample Receipt Checklist

Client: Barton & Loguidice, D.P.C.

Job Number: 480-156154-1

Login Number: 156154

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	B&L
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-156589-1
Client Project/Site: Herkimer CSD

For:

Barton & Loguidice, D.P.C.
443 Electronics Parkway
Liverpool, New York 13088

Attn: Ronald C Thorp



*Authorized for release by:
7/29/2019 5:47:47 PM*

Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Job ID: 480-156589-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-156589-1

Receipt

The samples were received on 7/23/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Client Sample ID: HS-1

Lab Sample ID: 480-156589-1

No Detections.

Client Sample ID: HS-2

Lab Sample ID: 480-156589-2

No Detections.

Client Sample ID: BG-1

Lab Sample ID: 480-156589-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: B2-2

Lab Sample ID: 480-156589-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: FH-1

Lab Sample ID: 480-156589-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: FH-2

Lab Sample ID: 480-156589-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.1		1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Client Sample ID: HS-1

Lab Sample ID: 480-156589-1

Date Collected: 07/22/19 07:43

Matrix: Water

Date Received: 07/23/19 08:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 14:38	1

Client Sample ID: HS-2

Lab Sample ID: 480-156589-2

Date Collected: 07/22/19 07:43

Matrix: Water

Date Received: 07/23/19 08:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 14:50	1

Client Sample ID: BG-1

Lab Sample ID: 480-156589-3

Date Collected: 07/22/19 08:15

Matrix: Water

Date Received: 07/23/19 08:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.0		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 14:59	1

Client Sample ID: B2-2

Lab Sample ID: 480-156589-4

Date Collected: 07/22/19 08:15

Matrix: Water

Date Received: 07/23/19 08:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.0		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 15:02	1

Client Sample ID: FH-1

Lab Sample ID: 480-156589-5

Date Collected: 07/22/19 08:25

Matrix: Water

Date Received: 07/23/19 08:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.7		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 15:04	1

Client Sample ID: FH-2

Lab Sample ID: 480-156589-6

Date Collected: 07/22/19 08:25

Matrix: Water

Date Received: 07/23/19 08:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.1		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 15:06	1

QC Sample Results

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-483351/1-A
Matrix: Water
Analysis Batch: 484157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483351

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0	0.17	ug/L		07/24/19 09:32	07/27/19 14:29	1

Lab Sample ID: LCS 480-483351/2-A
Matrix: Water
Analysis Batch: 484157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483351

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20.0	19.27		ug/L		96	85 - 115

Lab Sample ID: 480-156589-1 MS
Matrix: Water
Analysis Batch: 484157

Client Sample ID: HS-1
Prep Type: Total/NA
Prep Batch: 483351

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		20.0	19.84		ug/L		99	70 - 130

Lab Sample ID: 480-156589-1 MSD
Matrix: Water
Analysis Batch: 484157

Client Sample ID: HS-1
Prep Type: Total/NA
Prep Batch: 483351

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	ND		20.0	19.22		ug/L		96	70 - 130	3	20

QC Association Summary

Client: Barton & Loguidice, D.P.C.
 Project/Site: Herkimer CSD

Job ID: 480-156589-1

Metals

Prep Batch: 483351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-156589-1	HS-1	Total/NA	Water	200.8	
480-156589-2	HS-2	Total/NA	Water	200.8	
480-156589-3	BG-1	Total/NA	Water	200.8	
480-156589-4	B2-2	Total/NA	Water	200.8	
480-156589-5	FH-1	Total/NA	Water	200.8	
480-156589-6	FH-2	Total/NA	Water	200.8	
MB 480-483351/1-A	Method Blank	Total/NA	Water	200.8	
LCS 480-483351/2-A	Lab Control Sample	Total/NA	Water	200.8	
480-156589-1 MS	HS-1	Total/NA	Water	200.8	
480-156589-1 MSD	HS-1	Total/NA	Water	200.8	

Analysis Batch: 484157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-156589-1	HS-1	Total/NA	Water	200.8	483351
480-156589-2	HS-2	Total/NA	Water	200.8	483351
480-156589-3	BG-1	Total/NA	Water	200.8	483351
480-156589-4	B2-2	Total/NA	Water	200.8	483351
480-156589-5	FH-1	Total/NA	Water	200.8	483351
480-156589-6	FH-2	Total/NA	Water	200.8	483351
MB 480-483351/1-A	Method Blank	Total/NA	Water	200.8	483351
LCS 480-483351/2-A	Lab Control Sample	Total/NA	Water	200.8	483351
480-156589-1 MS	HS-1	Total/NA	Water	200.8	483351
480-156589-1 MSD	HS-1	Total/NA	Water	200.8	483351

Lab Chronicle

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Client Sample ID: HS-1

Lab Sample ID: 480-156589-1

Date Collected: 07/22/19 07:43

Matrix: Water

Date Received: 07/23/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483351	07/24/19 09:32	JMP	TAL BUF
Total/NA	Analysis	200.8		1	484157	07/27/19 14:38	KMP	TAL BUF

Client Sample ID: HS-2

Lab Sample ID: 480-156589-2

Date Collected: 07/22/19 07:43

Matrix: Water

Date Received: 07/23/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483351	07/24/19 09:32	JMP	TAL BUF
Total/NA	Analysis	200.8		1	484157	07/27/19 14:50	KMP	TAL BUF

Client Sample ID: BG-1

Lab Sample ID: 480-156589-3

Date Collected: 07/22/19 08:15

Matrix: Water

Date Received: 07/23/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483351	07/24/19 09:32	JMP	TAL BUF
Total/NA	Analysis	200.8		1	484157	07/27/19 14:59	KMP	TAL BUF

Client Sample ID: B2-2

Lab Sample ID: 480-156589-4

Date Collected: 07/22/19 08:15

Matrix: Water

Date Received: 07/23/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483351	07/24/19 09:32	JMP	TAL BUF
Total/NA	Analysis	200.8		1	484157	07/27/19 15:02	KMP	TAL BUF

Client Sample ID: FH-1

Lab Sample ID: 480-156589-5

Date Collected: 07/22/19 08:25

Matrix: Water

Date Received: 07/23/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483351	07/24/19 09:32	JMP	TAL BUF
Total/NA	Analysis	200.8		1	484157	07/27/19 15:04	KMP	TAL BUF

Client Sample ID: FH-2

Lab Sample ID: 480-156589-6

Date Collected: 07/22/19 08:25

Matrix: Water

Date Received: 07/23/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			483351	07/24/19 09:32	JMP	TAL BUF
Total/NA	Analysis	200.8		1	484157	07/27/19 15:06	KMP	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL BUF
200.8	Preparation, Total Metals	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600



Sample Summary

Client: Barton & Loguidice, D.P.C.
Project/Site: Herkimer CSD

Job ID: 480-156589-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-156589-1	HS-1	Water	07/22/19 07:43	07/23/19 08:00	
480-156589-2	HS-2	Water	07/22/19 07:43	07/23/19 08:00	
480-156589-3	BG-1	Water	07/22/19 08:15	07/23/19 08:00	
480-156589-4	B2-2	Water	07/22/19 08:15	07/23/19 08:00	
480-156589-5	FH-1	Water	07/22/19 08:25	07/23/19 08:00	
480-156589-6	FH-2	Water	07/22/19 08:25	07/23/19 08:00	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody Record



Client Information
 Client Contact: **Ron Thorp**
 Phone: **315-457-5200**
 E-Mail: **rdimorse@bartonandloguidice.com**
 Company: **Barton & Loguidice, D.P.C.**
 Address: **443 Electronics Parkway**
 City: **Liverpool**
 State, Zip: **NY, 13088**
 Project Name: **King + King Architects**
 Site: **Herkiner CSD**

Analysis R
 Due Date Requested:
 TAT Requested (days): **5 days**
 PO #:
 WO #:
 Project #: **899.152.001**
 SSOW#:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code: (AT=AT, TISSUE, A=AU)	Matrix (W=water, S=solid, O=wastewater)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
HS-1	7/22/19	0743	G		Water	X	X	
HS-2		0743			Water			
BG-1		0815			Water			
BG-2		0815			Water			
FH-1		0825			"			
FH-2		0825			"			

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: **RaTTP** Date: **7-22-19**
 Relinquished by: **RaTTP** Date/Time: **7/22/19, 09:00** Company: **Syracuse**
 Relinquished by: **R. King** Date/Time: **7-22-19, 15:00** Company: **Syracuse**
 Relinquished by: **R. King** Date/Time: **7/23/19, 08:00** Company: **Syracuse**

Cooler Temperature(s) °C and Other Remarks: **#1 3.5**

Login Sample Receipt Checklist

Client: Barton & Loguidice, D.P.C.

Job Number: 480-156589-1

Login Number: 156589

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BARTON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	