



September 13, 2016

Mr. John Susino  
Bergen County Special Services School District  
540 Farview Avenue, Room 2300  
Paramus, New Jersey 07652

**RE: Water Sampling at Filter-Installed Point at the Bleshman Building, Bergen County  
Special Services School District  
CHA Project No. 31521.1000.31000**

Dear Mr. Susino:

In accordance with the Scope of Services outlined in our EWA #2-revised, CHA conducted sampling and analysis for lead for one drinking water sample at one Special Services District building. The results of this sampling are presented below.

#### Scope

In an effort to evaluate the efficiency of the installation of filters at drinking fountains, kitchen sinks, and/or nurse's office sinks, the Special Services District initially installed one filter on a nurse's office sink that was previously identified to exhibit first draw and flush sample lead levels elevated above the lead action level of 15 ppb. The location at which the filter was installed is at the Paramus Campus in the Bleshman Building, in the nurse's office sink on the left side of room upon entering. The previous first draw sample results were 512 ppb and flush results were 38.3 ppb. The filter unit that was installed was reported by the District to be a 3M Aqua-Pure model 3MFF101.

#### Field Activities

On September 2, 2016, CHA collected first draw and flush samples from the identified end-use point. The samples were submitted to TestAmerica, Inc. located in Buffalo, New York on September 2<sup>nd</sup> following proper chain-of-custody procedures. The samples were submitted for the analysis of lead via EPA Method 200.8 under a two-day deliverable schedule. The first draw sample was logged for analysis and the flush sample was placed on hold pending the first draw results.

#### Findings and Conclusions

The laboratory results for the first draw sample reported a lead level of 1.3 ppb and therefore the flush sample was not analyzed. This concentration represents a significant decrease from the

concentration of 512 ppb detected during the earlier sampling event prior to the installation of the filter system.

Based on this result, the filter system installed at this end-use point is effective in reducing the lead level in the water drawn from this point to below the lead action level of 15 ppb.

Should you have any questions, please do not hesitate to contact me at (518) 453-4547.

Sincerely,

A handwritten signature in black ink, appearing to read 'Seth H. Fowler', with a long horizontal flourish extending to the right.

Seth H. Fowler, CHMM  
Associate Vice President

**ATTACHMENT A**  
**LABORATORY REPORT**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-105447-1

Client Project/Site: Bergen County, NJ

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

9/7/2016 4:26:19 PM

Judy Stone, Senior Project Manager

(484)685-0868

[judy.stone@testamericainc.com](mailto:judy.stone@testamericainc.com)

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

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# Definitions/Glossary

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## 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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

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**Job ID: 480-105447-1**

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**Laboratory: TestAmerica Buffalo**

## Narrative

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**Job Narrative**  
**480-105447-1**

## Receipt

The samples were received on 9/3/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

## Metals

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

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# Detection Summary

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

**Client Sample ID: P-333-NS-03FA**

**Lab Sample ID: 480-105447-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.3		1.0	0.17	ug/L	1		200.8	Total/NA

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This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo



# Client Sample Results

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

**Client Sample ID: P-333-NS-03FA**

**Lab Sample ID: 480-105447-1**

**Date Collected: 09/02/16 06:18**

**Matrix: Water**

**Date Received: 09/03/16 02:00**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3		1.0	0.17	ug/L		09/06/16 09:30	09/06/16 19:07	1

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# QC Sample Results

Client: CHA Inc  
 Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

## Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-319002/1-A  
 Matrix: Water  
 Analysis Batch: 319223

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 319002

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		09/06/16 09:30	09/06/16 18:17	1

Lab Sample ID: LCS 480-319002/2-A  
 Matrix: Water  
 Analysis Batch: 319223

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 319002

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	20.0	19.34		ug/L		97	85 - 115

# QC Association Summary

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

## Metals

### Prep Batch: 319002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105447-1	P-333-NS-03FA	Total/NA	Water	200.8	
MB 480-319002/1-A	Method Blank	Total/NA	Water	200.8	
LCS 480-319002/2-A	Lab Control Sample	Total/NA	Water	200.8	

### Analysis Batch: 319223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-105447-1	P-333-NS-03FA	Total/NA	Water	200.8	319002
MB 480-319002/1-A	Method Blank	Total/NA	Water	200.8	319002
LCS 480-319002/2-A	Lab Control Sample	Total/NA	Water	200.8	319002



# Lab Chronicle

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

**Client Sample ID: P-333-NS-03FA**

**Lab Sample ID: 480-105447-1**

**Date Collected: 09/02/16 06:18**

**Matrix: Water**

**Date Received: 09/03/16 02:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			319002	09/06/16 09:30	RMZ	TAL BUF
Total/NA	Analysis	200.8		1	319223	09/06/16 19:07	MTM2	TAL BUF

**Laboratory References:**

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

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# Certification Summary

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

## Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17

## Laboratory: TestAmerica Edison

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

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# Method Summary

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

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

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**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

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

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# Sample Summary

Client: CHA Inc  
Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-105447-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-105447-1	P-333-NS-03FA	Water	09/02/16 06:18	09/03/16 02:00

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Chain of Custody Record

**Client Information**  
 Client Contact: Ms. Rogina Camilli  
 Company: CHA Inc  
 Address: 111 Winners Circle PO BOX 5269 Albany, NY 12205-0269  
 Phone: 518-453-4500 (Tel)  
 Email: rcamilli@chacompanies.com  
 Project Name: Bergen County, NJ  
 Site: **Blesman Bldg**

**Sampler:** Jim Morey  
 Lab PVI: Stone, Judy L  
 Phone: 518-453-4569  
 E-Mail: judy.stone@testamericainc.com  
 Car

COC No: 460-75799-46729.1  
 Page: Page 1 of 1  
 Job #: 480-105447 COC

**Analysis Requested**

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soil, Sludge, Churned Soil, etc.)	Field Filtered Sample (Yes or No)	200.8 - ICP Metals Single Element	Performance/MSD (Yes or No)	Total Number of Containers	Special Instructions/Note:
P-333-NS-03FA	9/2/16	0619	G	Water	X	X	X		
P-333-NS-03FB	9/2/16	0619	G	Water	X	X	X		Hold this sample until further notice from CHA
				Water					
				Water					
				Water					
				Water					

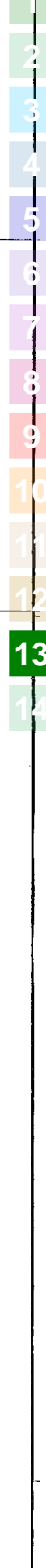
**Preservation Codes:**  
 M - Hexane  
 N - None  
 O - AsNaO2  
 P - Na2O4S  
 Q - Na2SO3  
 R - Na2S2O3  
 S - H2SO4  
 G - Anchlor  
 H - Ascorbic Acid  
 I - Ice  
 J - DI Water  
 K - EDTA  
 L - EDA  
 Other:

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

**Empty Kit Requisitioned by:** [Signature]  
 Requisitioned by: [Signature]  
 Date/Time: 8:51 09/02/16  
 Date/Time: 9/2/16 1800  
 Date/Time: 9/2/16 08:51  
 Date/Time: 9-3-16 08:00

**Relinquished by:** [Signature]  
 Date/Time: 9/2/16 1800  
 Date/Time: 9/2/16 08:51  
 Date/Time: 9-3-16 08:00

**Custody Seals Intact:** Custody Seal No.:  
 A Yes Δ No





# Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-105447-1

**Login Number: 105447**

**List Number: 1**

**Creator: Williams, Christopher S**

**List Source: TestAmerica Buffalo**

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.	N/A	
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	CHA
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	



# Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-105447-1

**Login Number: 105447**

**List Source: TestAmerica Buffalo**

**List Number: 2**

**Creator: Williams, Christopher S**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		