

Lead in Drinking Water Sampling Report Phase 2 Additional Assessment

**Bergen County Special Services
School District
Bergen County, New Jersey**

CHA Project Number: 31521.1000

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This report has been prepared and reviewed by the following qualified environmental scientists employed by CHA Consulting, Inc.

This report has been prepared expressly for the use of Bergen County. No other parties are entitled to rely upon this report unless our express written consent is first obtained. All conclusions drawn were based on CHA's review of available historical data, field inspection and analytical results from sampling performed during the course of this project. Recommendations are submitted based on CHA's knowledge, experience, and professional judgment.

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1.0 INTRODUCTION

This report summarizes the results of the Phase 2 Additional Sampling Assessment of lead in drinking water performed by CHA Consulting, Inc. (CHA) at school buildings within the Bergen County Special Services School District. This investigation was conducted to provide further assessment of the presence of lead in the drinking water at the Special Services District schools so that specific conclusions could be made as to sources of any elevated lead levels, in addition to being able to provide detailed recommendations for remediating any issues. The sampling was conducted in accordance with the scope of services outlined in CHA's June 30, 2016 Extra Work Authorization #1.

This report includes a description of the work performed, methods used to complete the sampling, an evaluation of data collected, and conclusions and recommendations relative to the project objectives. More specifically, this report consists of seven sections with this Introduction being the first section while the following sections comprise the remainder of the report:

- Section 2.0 Project Background
- Section 3.0 Phase 2 Additional Assessment - Sampling Approach
- Section 4.0 Results
- Section 5.0 Conclusions
- Section 6.0 Recommendations
- Section 7.0 References

2.0 PROJECT BACKGROUND

There are no federal regulations requiring testing of drinking water in schools, except those that have their own water supply. However, the United States Environmental Protection Agency (USEPA) developed a technical guidance document intended to be utilized by school officials to aid school districts in minimizing student and faculty exposures to lead in drinking water at their facilities. The guidance is entitled "3Ts for Reducing Lead in Drinking Water in Schools" and is specifically targeted at school systems that receive water from water utilities or water suppliers.

On May 2, 2016 New Jersey Governor Christie ordered mandatory lead testing in the drinking water at all New Jersey public school systems. In addition, on July 13, 2016, subsequent to CHA's proposal and sampling activities associated with this report, the New Jersey State Board of

Education adopted regulations regarding testing for lead in drinking water in public schools throughout New Jersey (amendments to N.J.A.C. 6A:26, Educational Facilities).

In April and May 2016, the Bergen County Special Services School District took pro-active steps to preliminarily determine if there was a lead in drinking water concern at any of the District buildings. A Phase 1 Preliminary Assessment was initiated which consisted of randomly sampling a limited number of end use points within ten buildings in the District and analyzing the water samples for the presence of lead. The Phase 1 Preliminary Assessment allowed CHA to make general conclusions regarding focus areas and specific buildings of concern for subsequent sampling activities and building reviews. Based on the results of the Phase 1 Preliminary Assessment, CHA developed the following conclusions:

- First draw sample results indicated the presence of elevated levels of lead, concentrations greater than the USEPA action level (AL) of 15 parts per billion (ppb), in the water collected from four sample points in four District buildings.
- Results for the follow-up flush samples collected at the four elevated first draw sampling points indicated lead levels below the AL of 15 ppb for all four points.
- Flushing of sampling points prior to sample collection appeared to have reduced the lead concentrations at all of the points to below the AL. This could indicate that the source of elevated lead concentrations is related to the fixture or unit from which the sample was collected.

Based on the findings of the Phase 1 Preliminary Assessment and the conclusions presented above, CHA developed the following recommendations relative to routine and short-term measures that could be implemented in response to the preliminary findings:

- Provide bottled water for drinking purposes.
- No use of water for drinking or consumption (i.e. food preparation, cooking, etc.). If the fixture could not be turned off, a physical barrier, such as tape or illustrative signage, was to be placed over the affected faucet/tap so that building occupants would know that the water was not to be used.
- For food preparation areas (kitchens, cafeterias, etc.) – flushing of water outlets was to be performed, use of water from the cold water spigot(s) only, if hot water was needed it was to be drawn from the cold water tap and heated. These initial restrictions were limited to the use of water for drinking/ingestion/food preparation. There were no restrictions recommended for the use of water for washing (hands, face, etc.) or cleaning (pots, pans,

silverware, dishes, floors, countertops, etc.)

- Prepare a plumbing profile for each of the District school buildings.
- Collect additional water samples from potentially all end use points, within the remainder of the system not sampled previously, to ensure that all representative lead exposure points within the water system have been evaluated.

3.0 PHASE 2 ADDITIONAL ASSESSMENT - SAMPLING APPROACH

Based in part on the findings of the Phase 1 Preliminary Assessment and the need to make specific actionable recommendations, it was determined that a more comprehensive sampling program was needed to ensure that potential lead exposure points in each of the District school buildings were more thoroughly evaluated. The Phase 2 Additional Assessment consisted of the actions discussed in the following sections.

3.1 HISTORICAL RESEARCH/POINT COUNT CONFIRMATION

In an effort to identify the number of sampling points and locations at which samples would be collected within each of the Special Services buildings for the Phase 2 sampling effort, CHA reviewed available record drawings as provided to CHA by the District. Review of these records was conducted to confirm sample point counts previously provided by the District and to determine point counts for buildings for which no point counts had yet been provided. Additionally, the review of records also focused on determining the vintages of each building and/or areas of renovation within each building, vintages of plumbing components, fixture types, numbers, and similarity of types, and/or make and model of units, when provided. The records provided included drawings/plans for the following Special Services facilities:

- Gateway
- Woodridge
- Union Street
- Paramus – Bleshman
- Paramus – Montesano
- Paramus – Solar House

The second action taken to determine sample counts for the Phase 2 Additional Sampling was to review aerial photographs in an effort to determine years of construction of buildings and/or portions of buildings. This data was evaluated relative to the 1987 ban on the use of lead pipes and lead

solder for potable water supplies, with the premise being that buildings, or portions of, constructed post-1987 would not have lead pipe or solder associated with them and end use points would not be sampled in those buildings. Based on this review, additional Phase 2 samples were not collected from the following buildings or specified portions of these buildings:

- Paramus – New building at 296 East Ridgewood Avenue – built after 2013 and the intake sample results were below the lead AL.
- Paramus – Springboard House at 321 East Ridgewood Avenue – first round of sampling is considered to adequately characterize the drinking water at this structure and the previous sample results were below the lead AL.
- Paramus – Montesano building at 355 East Ridgewood Avenue – built after 1987 and limited sample results were below the lead AL.
- Garfield House – first round of sampling is considered to adequately characterize the drinking water at this structure and the previous sample results were below the lead AL.

The third action taken by CHA to confirm sample point counts was to visit each building to be included in the Phase 2 Additional Sampling effort. At each building CHA personnel visually confirmed the actual number of usage points; these points included drinking fountains/bottle fillers, classroom sinks, kitchen sinks, nurses sinks, and ice machines. Bathroom sinks were excluded from the review as they are not considered to be points of consumption. The visual inspection made note of the types of units/fixtures, make/model of units, and the numbers of similar fixtures/units.

3.2 SAMPLING APPROACH

Based on the findings of the historical research and building inspections summarized above, sample counts were confirmed and sample locations were selected. Collection points were selected based on access points where water would be used for consumption by building occupants and focused on potential consumption points consisting of kitchen sinks, drinking water fountains, water bottle filling stations, classroom sinks, faculty room sinks, nurse's office sinks, and ice machines. Collection point selection also included consideration of location within different wings, on different floors, and/or areas of varying construction vintage. In cases where there were multiple like fixtures/units, a representative number of those fixture/units were sampled. As a result, in most instances, not all of the consumption points within a building were sampled, however, all types of points, based on vintage and fixture type were represented. In total, 69 sampling points were identified and of those 69 points, 58 sampling points were selected for the Phase 2 Additional Sampling event. The number of sampling points selected per building are provided below:

- Brownstone/St. Phillips – 492 Saddle River Road, Saddle Brook – samples were collected from 9 of 9 points or 100% of total consumption points identified within the building.
- Union Street - 334 Union Street, Hackensack – samples were collected from 5 of 5 points or 100% of the total consumption points identified within the buildings.
- Gateway – 293 Main Street, Hackensack – samples were collected from 8 of 8 points or 100% of the total consumption points identified within the building.
- Woodridge – 304 Valley Boulevard, Woodridge – samples were collected from 12 of 12 points or 100% of the total consumption points identified within the building.
- Bleshman Building – 333 East Ridgewood Avenue, Paramus – samples were collected from 24 of 35 or 69% of the total consumption points identified within the building.

The USEPA recommends that a two-step sampling process be followed. In Step 1, initial samples are collected following a specified period of non-use (8-18 hours). These samples are referred to as first draw samples. The purpose of the first draw samples is to determine the lead content of water sitting in water outlets or fixtures. First draw samples are collected directly from the outlet/fixture into the sample bottle without allowing any water to flow to the drain prior to sample collection. A 250 milliliter (ml) sample size was collected for each first draw sample at the 61 selected sampling points.

Step 2 consists of follow-up flush samples collected from those outlets that exhibited elevated lead levels in the first draw water sample. The purpose of the flush samples is to determine if the source of the lead concentrations is from the fixture or the upstream plumbing. As with the first draw samples, the flush samples are to be taken following an 8-18 hour period of non-use of the facility's water system. For follow-up flush sampling the sampler should start a slow steady flow (about the size of a pencil) and allow that steady flow to continue for 30 seconds (minimum) to one minute, or until the water is cold. A high rate of flow should not be used. After the flush period has elapsed, a 250 ml sample was collected directly from the outlet into the sample bottle.

A sample was collected from cold water outlets at each of the selected sampling points after the water had remained unused for 8-18 hours in the building prior to sample collection. Upon selection of each sampling location, CHA personnel donned a new pair of disposable latex gloves and opened a laboratory supplied sample bottle. The bottle was filled from the sampling point without allowing any water to flow prior to collection directly into the bottle. Once filled to the top, the bottle was recapped and placed into a cooler. Each sample location was recorded and each sample was given a unique alpha-numeric identification number consisting of the city location followed by the number

of the facility address or the building name in certain cases followed by the sampling point type followed by the sample number. Identifiers used for the sample naming protocol are listed below:

City location identifiers

H = Hackensack

P = Paramus

W = Woodridge

S = Saddle Brook

Address number identifiers

333 = 333 East Ridgewood Avenue, Paramus

295 = 293 Main Street, Hackensack

304 = 304 Valley Road, Woodridge

492 = 492 Saddle River Road, Saddle Brook

Sampling point type identifiers

BF = bottle filler

CS = classroom sink

DF = drinking water fountain

IM = ice machine

KS = kitchen sink

NS = Nurse's office sink

Sample Type

A = first draw sample

B = flush sample

Using this naming protocol, an example of a sample identification number is s-492-DF-04A indicating the first draw sample taken from a drinking fountain at 492 Saddle river Road in Saddle Brook.

To avoid additional time to collect flush samples at each site should a flush sample be warranted, CHA collected flush samples from each sampling point immediately following the collection of the first draw sample. The flush sample was collected after the water had been allowed to run for 30 – 60 seconds. The first draw and flush samples were collected on July 6-8, 2016.

All of the first draw and flush samples were shipped to TestAmerica Laboratories (TAL) under proper chain-of-custody procedures for the analysis of lead in drinking water utilizing EPA Method 200.8. The laboratory was instructed to immediately proceed with the first draw samples and to put the flush samples on hold until CHA released them for analyses. The TAL facility used for these analyses is located in Buffalo, NY and carries current NJDEP certification to perform the requested analyses.

3.3 FIELD ACTIVITIES/OBSERVATIONS

The collection of samples was conducted by two sampling teams comprised of CHA personnel. One team consisted of two people while the second team consisted of one person. The team of two was dispatched to the Bleshman Building in Paramus while the single-person team sampled Gateway, Woodridge, Union Street, and Brownstone. The sampling window each day generally ranged from 6:00 am to 8:00 – 8:30 am. Access to the school buildings and areas within each building was provided by District facility staff.

Given the difficulty of accessing the water line into the ice machine at Brownstone, the sample was collected by filling the sample bottle with ice and allowing that ice to melt within the bottle. Given this procedure, only one sample type could be collected and was identified as a first draw sample and there was no flush sample collected for the ice machine.

3.4 EXCLUSIONS & LIMITATIONS

As stated earlier, based on the results of the review of building plans, historic aerial photographs, visual confirmation of sampling points, and the Phase 1 Preliminary Assessment findings, the following buildings were not sampled during the Phase 2 Additional Sampling event for the reasons indicated:

- Paramus – New building at 296 East Ridgewood Avenue – built after 2013 and the intake sample results were below the lead AL.
- Paramus – Springboard House at 321 East Ridgewood Avenue – first round of sampling is considered to adequately characterize the drinking water at this structure and the previous sample results were below the lead AL.
- Paramus – Montesano building at 355 East Ridgewood Avenue – built after 1987 and limited sample results were below the lead AL.
- Garfield House – first round of sampling is considered to adequately characterize the

drinking water at this structure and the previous sample results were below the lead AL.

- Solar House – 327 East Ridgewood Avenue, Paramus - it was determined that all of the consumption points at the Solar House had previously been sampled and all of the results were below the lead AL.

As stated, in some instances not all consumption points within the Special Services District buildings included in the Phase 2 Additional Assessment were sampled. Samples collected during this Phase 2 Additional Sampling event included multiple types of end use points, however, like fixtures/units were grouped and only a representative number of those like points were sampled. This circumstance applies to the classroom sinks at the Bleshman Building. As a result, CHA estimates the percentages of consumption points sampled versus total number in each building to be as follows:

- Bleshman Building, Paramus – 24 out of 35 or 69%
- Gateway, Hackensack – 8 out of 8 or 100%
- Woodridge – 12 out of 12 or 100%
- Brownstone/St. Phillips, Saddle Brook – 9 out of 9 or 100%
- Union Street, Hackensack – 5 out of 5 or 100%

4.0 RESULTS

First draw and flush sample analytical results were compared to the USEPA Secondary Drinking Water (40 CFR Part 141) and NJDEP Safe Drinking Water Act Rules (N.J.A.C. 7:10-1) recommended AL of 15 µg/L for lead in drinking water. An AL is not a regulatory Maximum Contaminant Level (MCL) but is considered to be a trigger value at which a remedial action is needed.

Review of the laboratory results indicated that of the 69 first draw samples analyzed, 16 samples exhibited lead concentrations above the 15 µg/L AL. Lead levels reported in all of the remaining first draw samples were below the AL. Review of the laboratory results for the flush samples indicated that of the 16 flush samples analyzed, three sample points continued to exhibit lead concentrations above the 15 µg/L AL. Analytical results for first draw and flush sample analyses are presented in Table 1. The locations and sampling points at which elevated lead levels were detected in one or both of the samples from that sampling point have been highlighted in Table 1. The table has been organized by end use point type. The results for each building are discussed in greater detail below.

Gateway - Hackensack

Sample points at which water samples were collected included drinking fountains, kitchen sinks, and the nurse's office sink. There were no classroom sinks identified at this location.

- Drinking Fountains –The drinking fountain units were observed to be the same make (Elkay), however, were of different models. The laboratory results for all of the first draw samples reported lead levels below the 15 µg/l AL. As a result, no flush samples were analyzed for the drinking fountain samples.
- Kitchen Sinks – Four kitchen sinks were identified in the Gateway. One of the sinks was sampled earlier during the Phase 1 Preliminary Assessment, as such, the remaining three sinks were sampled during this Phase 2 Additional Assessment. All of the sinks were observed to have different makes/models of faucets and taps.

Results reported for the first draw samples were all above the 15 µg/l AL for lead with concentrations ranging from 31.7 µg/l to 228 µg/l. As a result, the flush samples for each kitchen sink point were analyzed. The results for the flush samples were all below the AL for lead with the exception of the second floor hand wash station next to the largest sink in the room. It should be noted, that flushing did appear to significantly reduce the lead concentration from the original first draw of 228 to 17.4 µg/l.

- Nurse's Office Sink – There was only one Nurse's office sink identified at the Gateway Building. Water samples were collected from this one point. The laboratory results reported for the first draw sample were well below the AL. As a result, the flush sample was not analyzed for this point.

Woodridge Building

It is assumed that all areas of this building were constructed at the same time. Review of plans provided did not indicate otherwise. Samples were collected during the Phase 2 Additional Assessment from four drinking fountains, five kitchen sinks, and two Nurse's office sinks. There were no classroom sinks identified at this facility.

- Drinking Fountain – There are four drinking fountain in the building; labelling identifies one as made by the Aero Manufacturing Company, the other three units were identified as Elkay Design 2000 units which were labeled as non-lead containing units. First draw samples for

the Aero Manufacturing unit and one of the Elkay units was conducted during the Phase 1 Preliminary Assessment. The remaining two Elkay units were sampled during this Phase 2 Additional Assessment. The laboratory results that there was no lead detected above the method detection limit for the procedure in any of the drinking fountain first draw water samples. As a result, none of the flush samples were analyzed for the drinking fountains.

- Kitchen Sinks – There were six kitchen sinks identified in the building. Each faucet/tap was different at each sink. A sample was collected from all of the sinks in the building, one being collected during the Phase 1 Preliminary Assessment. The first draw results were elevated above the AL only in the sample from the left-hand sink in Room 118. As a result, the flush sample for this point was analyzed and the results reported were well below the lead AL.
- Nurse’s Office Sinks – Two Nurse’s office sinks were identified within the building during the end point count assessment, one on the first floor and the other on the second floor. Fixtures at both locations are different from each other. The first draw sample results for both sinks were well below the lead AL. As a result, flush samples for neither of these points were analyzed.

Brownstone/St. Phillips Building

There were nine consumption points identified for this building. These points consisted of four drinking fountains, three kitchen sinks, one Nurse’s office sink, and one ice machine. There were no classroom sinks identified at this facility. All of the points were sampled during either the Phase 1 Preliminary Assessment (two samples) or the Phase 2 Additional Assessment (seven samples).

- Drinking Fountains – All of the water fountains appeared to be similar Elkay models. First draw results for the water fountain samples were all below the lead AL, with the exception of the sample from the fountain on the right side of the hallway straight through the main doors. As a result, the flush sample for this fountain was analyzed and results indicated that the lead level at this unit continued to be slightly above the lead AL.
- Kitchen Sinks – The fixtures associated with the kitchen sinks consisted of an American Standard unit, a Gerber unit, and an unidentified unit, all different from each other. The first draw samples reported lead concentrations below the AL for two of the sample points. The lead level reported for the sink in the faculty breakroom down the hall from the main office was elevated above the lead AL and was reported at 43.9 µg/l. As a result, the flush sample for that point was analyzed and reported a lead level well below the lead AL at 6.8 µg/l.

- Nurse's Office Sink – The first draw sample results for this point were below the lead AL. As a result, the flush sample was not analyzed for this point.
- Ice Machine – the ice machine was located outside of the kitchen on the way to the gym. The laboratory results reported the lead concentration for this sample to be below the method detection limit for the analytical procedure.

Union Street Building

Types of consumption points identified and sampled for this facility included three drinking fountains, one kitchen sink, and one nurse's office sink. All of the points were sampled during either the Phase 1 Preliminary Assessment (one drinking fountain and the kitchen sink) or the Phase 2 Additional Assessment.

- Drinking Fountains – The drinking fountains were all identified to be units manufactured by Oasis, however, the at least two of the models were slightly different from each other. All of the laboratory results for the drinking fountain samples were below the lead AL. As a result, no flush samples were analyzed for the drinking fountain points.
- Kitchen Sinks –The kitchen sink fixture was identified as a Garvin brand fixture. The first draw results for this point were reported as less than the lead AL. As a result, the kitchen sink flush sample was not analyzed.
- Nurse's Office Sink – One Nurse's office sink is located within the Union Street facility. The first draw sample results were well below the lead AL, therefore, the flush sample for this point was not analyzed.

Paramus – Bleshman Building

Consumption points sampled at the Bleshman School facility consisted of drinking fountains, classroom sinks, kitchen sinks, and Nurse's offices sinks. All of the drinking fountain units, kitchen sinks, and Nurse's offices sinks were sampled during either the Phase 1 or Phase 2 sampling events. Eleven out of the 24 identified classroom sinks were sampled, all during the Phase 2 sampling event.

- Drinking Fountains – There are four fountain units of at least three different brands identified at the facility. All of the first draw results were below the lead AL. As a result, none of the drinking fountain flush samples were analyzed.

- Classroom Sinks – 24 classroom sink points were identified within the building. Samples were collected from 11 locations representative of points located in the A, B, C, and D sections of the building. Brands appeared to vary between T&S, Standard, Masco, Delta, and Bubble Stream fixtures. Elevated first draw results above the lead AL were reported for five of the sampled points: Speech office, Room A2 (Masco), Room B2 (T&S), Room C5 (unidentified brand), and Room D4 (Delta). All of the other draw sample results were below the lead AL. As a result of elevated first draw results, the flush samples were analyzed for the five sample points referenced above. Flush sample results were all below the AL for lead.
- Kitchen Sinks – Samples were collected from six kitchen sinks all located in the southwestern portion of the building. The fixture brands varied between Delta, T&S, and Krowne models. First draw sample results were elevated above the AL for lead for three of the samples collected from the facility kitchen. The other first draw sample results were below the lead AL. As a result, the flush samples collected at kitchen sinks exhibiting elevated first draw results were analyzed and all of those results were below the lead AL.
- Nurse’s Office Sink – Three sinks were identified and sampled in the Nurse’s Office for the facility. All three fixtures were different from each other and included the following brands; Kases, Delta, and Standard. The first draw sample results were below the lead AL with the exception of the sample collected from the Standard brand fixture. Subsequently, the flush sample was analyzed for that one sample point and reported a lead level well that continued to be above the lead AL.

5.0 CONCLUSIONS

Based on the results of this investigation, CHA has developed the following conclusions:

- 100% of consumption points were sampled and reported results for all first draw and flush samples to be below the lead AL for the following buildings: Union Street, Springboard House, Garfield House, and Solar House buildings.
- At points exhibiting elevated first draw sample results, flushing of sampling points prior to sample collection appears to have reduced the lead concentrations at several of the locations to below the AL of 15 µg/L. These results would tend to indicate that the source of elevated

lead concentrations is related to the fixture or unit (example: drinking fountain) from which the sample was collected versus a piping/system concern. Points to which this conclusion may be applicable consist of the following by building:

- Gateway Building –
 - Kitchen sinks in the first floor science room and the second floor kitchen largest sink. It should be noted that the sink located immediately adjacent to the largest sink was sampled and exhibited elevated lead levels for both the first draw and flush samples. Based on this, all sinks in the kitchen should be treated with the same remedial action.
- Woodridge Building – The left-hand kitchen sink in Room 118. The other two sinks in the room were sampled and exhibited acceptable lead levels. All of the three sinks in the room had different fixtures. As such, remedial action would likely only be warranted for the one elevated point.
- Brownstone/St. Phillips Building – The kitchen sink in the faculty breakroom to the left of the main entrance. All of the kitchen sinks in the building (three in total) had different fixtures. As such, remedial action would likely only be warranted for the one elevated point. Sufficient information was not provided to CHA to be able to determine whether the building has multiple vintages.
- Paramus – Bleshman Building – Classroom sinks in the Speech Office 2B, Room A2, Room B2, Room C5, and Room D4, and three of the kitchen sinks (small sink under eye wash, right sink on back wall, and left sink on back wall). The elevated points were located in varying areas throughout the building and consisted of fixtures manufactured by T&S, Delta, or Masco. Though not sampled, T&S fixtures similar to those that were sampled, were also observed in Rooms A1, A4, B3, B4, C3, D3, D5, and D6, and associated with the other sinks in the kitchen. Remedial action should be applied to all similar fixtures whether in all rooms in which such fixtures are located, whether they were sampled or not.
- Elevated first draw sample results and elevated flush sample results at sampling points generally would be indicative that the source of concern may involve more of the system/piping than just at the fixture. However, based upon this condition currently recognized for only one sampling point each within the Gateway (kitchen sink), Brownstone (drinking fountain), and Bleshman Buildings (Nurse's sink), the fact that the flush samples, though still elevated were significantly lower than the first draws and only slightly elevated above the 15 µg/l AL for lead, and the fact that the other flush samples in the same vicinity

exhibited results below the AL, suggests that the elevated lead source may in fact be close to or at the fixture and less indicative of a system-wide issue.

6.0 RECOMMENDATIONS

Based on our findings and conclusions presented above, CHA has developed the following recommendations relative to routine and short-term measures and permanent remedies that may be utilized in response to these preliminary findings.

1. Encourage parents to have their children's blood tested for lead if elevated levels were detected in the facility that their children attend.
2. Evaluate and select remedial options most appropriate for the impacted end use point type at each building as listed/detailed in Sections 4.0 and 5.0 above. CHA has developed a Response Action Decision Matrix presenting remedial options for the types of end use points sampled during this investigation. The Decision Matrix is included as Table 2.
3. There are no further sampling or actions recommended for the following buildings given that all of the consumption points have been sampled and all of the results were below the lead AL:
 - a. Garfield House
 - b. Union Street
 - c. Springboard House
 - d. Solar House - Paramus
4. Provide bottled water for drinking purposes until remedial actions have been instituted for impacted drinking water fountain end-use points.
5. If filters are selected as a remedy for any points, make sure that the filters selected are certified under the National Sanitation Foundation International (NSF) Standard 53 standards for lead reduction, which means that the system has been independently verified to be able to reduce lead from 150 µg/L to 10 µg/L or less. In addition, determination as to if the filter has reduced the lead level at that end point to below the lead AL can only be ascertained by additional sampling and analysis once the filter is in place.

6. Filters as a remedial option are most typically only placed on the cold water lines, for two reasons. First, the hot water lines tend to support higher concentrations of lead, as it leaches more readily at high temps, and therefore, can make the filter less successful in reducing lead concentrations to safe levels as well as lead to higher maintenance costs as the filters would also then require more frequent change-outs due to the higher concentrations being filtered. Secondly, the cost alone of putting a filter on both the hot and cold water lines doubles the upfront cost and ongoing maintenance costs as you would be doubling the number of filters installed and in use.
7. Since filters are typically only placed on the cold water lines, this of course means that certain restrictions must remain in place relative to the use of the hot water faucets/lines, such as heating water from the cold water faucet for consumption or food prep rather than using hot water from the tap for those uses.
8. Ensure that future repairs or replacement work on a facility's water supply/distribution system are done using only lead-free pipes and solders and other materials. Make sure that replacement system components (piping, faucets, etc.) are compliant with the NSF Standard 61.
9. Follow typical operations and maintenance (O&M) activities appropriate to whichever remedial actions are selected/instituted. Examples of typical O&M activities include routine cleaning of aerators/screens in faucets, changing of filters in point of use devices, etc.
10. CHA recommends further discussion on the need for additional sampling to fully comply with the NJ Department of Education regulations adopted July 13, 2016 regarding testing for lead in drinking water at public schools throughout New Jersey. Note, that this would require sampling at several of the facilities from which samples have already been collected and would also include the post-1987 structures excluded from sampling during the Phase 2 Additional Assessment.

7.0 REFERENCES

In compiling the report for this investigation the following references/resources were utilized:

3 Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance, USEPA, October 2006.

New York Times, May 2, 2016: Article entitled “Christie Orders lead Tests for All New Jersey Public Schools”.

Drinking Water Best Management Practices for Schools and Child Care Facilities Served by Municipal Water Systems: USEPA document 816-13-002, April 2013.

Primary and Secondary Drinking Water Standards: Code of Federal Regulations 40, Part 141 (40 CFR 141), developed by the USEPA, February 2005.

Safe Drinking Water Act Regulations: New Jersey Administrative Code 7, Chapter 10, Subchapter 1 (N.J.A.C 7:10-1), NJDEP, January 2011.

Analytical Reports: TestAmerica Laboratories, Inc., reports dated May 3, 2016, May 20, 2016, July 14, 2016, July 25, 2016 (x3), and August 3, 2016.

Correspondence from CHA to John Susino: Subject reference “Memo – Initial Lead Sampling Results and Recommendations” for the Bergen County Technical Services buildings, May 6, 2016.

N.J.A.C 6A:26, Educational Facilities: Regulations Regarding Testing for Lead in Water.

TABLES

TABLE 1 - GATEWAY SPECIAL SERVICES SCHOOL

Sample Type	Sample Location Description	Sample ID	Date	Laboratory Results ($\mu\text{g/l}$)	
				First Draw Results	Flush Sample Results
Nurses Sink	1st floor, room 111	H-295-NS-01A	7/6/2016	3.8 B	
		H-295-NS-01B	7/6/2016		
Kitchen Sink	2nd Floor, largest sink	H-295-KS-02A	**	35.7	
					5.1
Kitchen Sink	1st floor, science room	H-295-KS-02A	7/6/2016	32.9 B	
		H-295-KS-02B	7/6/2016		10.7
Kitchen Sink	2nd floor, kitchen to the right off elevator, largest sink	H-295-KS-03A	7/6/2016	31.7 B	
		H-295-KS-03B	7/6/2016		13.4
Kitchen Sink	2nd floor, directly next to previous kitchen sink	H-295-KS-04A	7/6/2016	228 B	
		H-295-KS-04B	7/6/2016		17.4
Drinking Fountain	1st Floor, front of building next to ladies bathroom	H-295-DF-01	**	5.4	
Drinking Fountain	1st Floor, Back of building	H-295-DF-02	**	8.8	
Drinking Fountain	2nd floor, visible when stepping off elevator	H-295-DF-03A	7/6/2016	8.5 B	
		H-295-DF-03B	7/6/2016		

**Sampled April/May during Phase I Preliminary Assessment
 B indicates that compound was found in blank and the sample. Concentrations reported for the lab blank are negligible and are considered to represent a high bias relative to the sample results.
 J indicates an estimated value
 <MDL indicates no detection

TABLE 1 - WOODRIDGE SPECIAL SERVICES SCHOOL

Sample Type	Sample Location Description	Sample ID	Date	Laboratory Results ($\mu\text{g/l}$)	
				First Draw Results	Flush Sample Results
Nurses Sink	Hallway left of main doors	W-304-NS-01A	7/8/2016	6.9	
		W-304-NS-01B	7/8/2016		
Nurses Sink	2nd floor - Technology Coord. Room (nurses sign on door)	W-304-NS-02A	7/8/2016	9.8	
		W-304-NS-02B	7/8/2016		
<hr/>					
Kitchen Sink	Middle sink in kitchen	W-304-KS-01	**	2.4 J	
Kitchen Sink	Left sink in kitchen (rm. 118)	W-304-KS-02A	7/8/2016	263	
		W-304-KS-02B	7/8/2016		3.7
Kitchen Sink	Middle sink in kitchen	W-304-KS-03A	7/8/2016	2.8	
		W-304-KS-03B	7/8/2016		
Kitchen Sink	Right sink in kitchen	W-304-KS-04A	7/8/2016	1.4	
		W-304-KS-04B	7/8/2016		
Kitchen Sink	2nd floor breakroom, across from elevator	W-304-KS-05A	7/8/2016	1.5	
		W-304-KS-05B	7/8/2016		
Kitchen Sink	2nd floor - Large workshop room	W-304-KS-06A	7/8/2016	6.2	
		W-304-KS-06B	7/8/2016		
<hr/>					
Drinking Fountain	1st floor across from stairs #2, lower fountain	W-304-DF-01	**	<MDL	
Drinking Fountain	Next to technology office, lower fountain	W-304-DF-02	**	<MDL	
Drinking Fountain	Outside of kitchen - taller fountain	W-304-DF-03A	7/8/2016	<MDL	
		W-304-DF-03B	7/8/2016		
Drinking Fountain	2nd floor - next to technology office - taller fountain	W-304-DF-04A	7/8/2016	<MDL	
		W-304-DF-04B	7/8/2016		

**Sampled April/May during Phase I Preliminary Assessment

B indicates that compound was found in blank and the sample. Concentrations reported for the lab blank are negligible and are considered to represent a high bias relative to the sample results. J indicates an estimated value

<MDL indicates no detection

TABLE 1 - BROWNSTONE SPECIAL SERVICES SCHOOL

Sample Type	Sample Location Description	Sample ID	Date	Laboratory Results ($\mu\text{g/l}$)	
				First Draw Results	Flush Sample Results
Kitchen Sink	Largest sink in kitchen	S-492-KS-01	**	1.9 J	
Kitchen Sink	Faculty breakroom, left of main entrance, down hall of main office	S-492-KS-02A	7/8/2016	43.9	
		S-492-KS-02B	7/8/2016		6.8
Kitchen Sink	Porcelain sink in kitchen, next to fire extinguisher	S-492-KS-03A	7/8/2016	11.6	
		S-492-KS-03B	7/8/2016		
<hr/>					
Drinking Fountain	Back hallway near room # 102	S-492-DF-01	**	9.5	
Drinking Fountain	Right of nurses office	S-492-DF-04A	7/8/2016	4.5	
		S-492-DF-04B	7/8/2016		
Drinking Fountain	Hallway straight through main doors on the right	S-492-DF-02A	7/8/2016	27.1	
		S-492-DF-02B	7/8/2016		17.7
Drinking Fountain	Opposite end of gym away from gym	S-492-DF-03A	7/8/2016	13.1	
		S-492-DF-03B	7/8/2016		
<hr/>					
Ice Machine	Outside of kitchen on the way to the gym	S-492-IM-01A	7/8/2016	<MDL	
Nurses Sink	Nurses office on the left of hallway, right from main office hallway	S-492-NS-01A	7/8/2016	6.4	
		S-492-NS-01B	7/8/2016		

**Sampled April/May during Phase I Preliminary Assessment

B indicates that compound was found in blank and the sample. Concentrations reported for the lab blank are negligible and are considered to represent a high bias relative to the sample results. J indicates an estimated value

<MDL indicates no detection

TABLE 1 - UNION STREET SPECIAL SERVICES SCHOOL

Sample Type	Sample Location Description	Sample ID	Date	Laboratory Results ($\mu\text{g/l}$)	
				First Draw Results	Flush Sample Results
Nurses Sink	Nurses office just past drinking fountains	H-334-NS-01A	7/6/2016	1.1 B	
		H-334-NS-01B	7/6/2016		
Kitchen Sink	Sink in kitchen	H-334-KS-01	**	1.0 J	
Drinking Fountain	Right hand fountain	H-334-DF-01	**	1.0 J	
Drinking Fountain	Middle fountain	H-334-DF-02A	7/6/2016	0.49 JB	
		H-334-DF-02B	7/6/2016		
Drinking Fountain	Short fountain to the left of previous fountain	H-334-DF-03A	7/6/2016	<MDL	
		H-334-DF-03B	7/6/2016		

**Sampled April/May during Phase I Preliminary Assessment
 B indicates that compound was found in blank and the sample. Concentrations reported for the lab blank are negligible and are considered to represent a high bias relative to the sample results.
 J indicates an estimated value
 <MDL indicates no detection

TABLE 1 - PARAMUS CAMPUS - BLESHMAN SPECIAL SERVICES SCHOOL

Sample Type	Sample Location Description	Sample ID	Date	Laboratory Results ($\mu\text{g/l}$)	
				First Draw Results	Flush Sample Results
Drinking Fountain	Across from nurses office	P-333-DF-01	**	10.8	
Drinking Fountain	Next to utility room #3	P-333-DF-02	**	1.1 J	
Drinking Fountain	Main entrance outside men's room	P-333-DF-03A	7/7/2016	8.9	
Drinking Fountain	To the right, past main entrance, outside nurses office	P-333-DF-03B	7/7/2016		
		P-333-DF-04A	7/7/2016	10.8	
		P-333-DF-04B	7/7/2016		
Classroom Sink	Speech office, room 2(B)	P-333-CS-01A	7/7/2016	43.4	
		P-333-CS-01B	7/7/2016		4.2
Classroom Sink	A2	P-333-CS-02A	7/7/2016	110	
		P-333-CS-02B	7/7/2016		8.5
Classroom Sink	A3	P-333-CS-03A	7/7/2016	3.5	
		P-333-CS-03B	7/7/2016		
Classroom Sink	B1	P-333-CS-04A	7/7/2016	11.4	
		P-333-CS-04B	7/7/2016		
Classroom Sink	B2	P-333-CS-05A	7/7/2016	17.00	
		P-333-CS-05B	7/7/2016		2.3
Classroom Sink	C1	P-333-CS-06A	7/7/2016	8.9	
		P-333-CS-06B	7/7/2016		
Classroom Sink	C2	P-333-CS-07A	7/7/2016	10.4	
		P-333-CS-07B	7/7/2016		
Classroom Sink	C4	P-333-CS-08A	7/7/2016	7.8	
		P-333-CS-08B	7/7/2016		
Classroom Sink	C5, Music	P-333-CS-09A	7/7/2016	56.2	
		P-333-CS-09B	7/7/2016		4.0
Classroom Sink	D2	P-333-CS-10A	7/7/2016	5.8	
		P-333-CS-10B	7/7/2016		
Classroom Sink	D4	P-333-CS-11A	7/7/2016	120	
		P-333-CS-11B	7/7/2016		5.1
Nurses Sink	Main room of nurses office, next to stove	P-333-NS-01A	7/7/2016	2.8	
		P-333-NS-01B	7/7/2016		
Nurses Sink	Nurses office, right side of side room after entering	P-333-NS-02A	7/7/2016	8.4	
		P-333-NS-02B	7/7/2016		
Nurses Sink	Nurses office, left side of side room after entering	P-333-NS-03A	7/7/2016	512	
		P-333-NS-03B	7/7/2016		38.3
Kitchen Sink	Sink in island	P-333-KS-02A	**	5.9	
Kitchen Sink	Kitchen, small sink under eyewash station	P-333-KS-02A	7/7/2016	58.7	
		P-333-KS-02B	7/7/2016		2.9

TABLE 1 - PARAMUS CAMPUS - BLESHPMAN SPECIAL SERVICES SCHOOL

Sample Type	Sample Location Description	Sample ID	Date	Laboratory Results ($\mu\text{g/l}$)	
				First Draw Results	Flush Sample Results
Kitchen Sink	Kitchen, right sink on back wall to right of exit	P-333-KS-03A	7/7/2016	65	
		P-333-KS-03B	7/7/2016		5.3
Kitchen Sink	Kitchen, across from dishwasher	P-333-KS-04A	7/7/2016	9.00	
		P-333-KS-04B	7/7/2016		
Kitchen Sink	Kitchen, left sink on back wall to right of exit	P-333-KS-05A	7/7/2016	47	
		P-333-KS-05B	7/7/2016		4.2
Kitchen Sink	Home Training Apartment	P-333-KS-06A	7/7/2016	4.3	
		P-333-KS-06B	7/7/2016		

**Sampled April/May during Phase I Preliminary Assessment
 B indicates that compound was found in blank and the sample. Concentrations reported for the lab blank are negligible and are considered to represent a high bias relative to the sample results. J indicates an estimated value
 <MDL indicates no detection

TABLE 2
Response Action
Decision Matrix

Classroom Sink			
Fail First Draw Sample/Pass Flush Sample	Option 1	Restrict Use - Post Signage "Not for Consumption"	
	Option 2	Install filter *	
	Option 3	Institute flushing program	
	Option 4	Replace fixture	
	Option 5	Remove Fixture/Location from Service - do not replace	
Fail First Draw and Flush Samples	Option 1	Restrict Use - Post Signage "Not for Consumption"	
	Option 2	Install Filter *	
	Option 3	Remove Fixture/Location from Service - do not replace	
Kitchen Sink/Faculty Room Sink/Nurse's Office Sink			
Fail First Draw Sample/Pass Flush Sample	Option 1	Institute (continue) Flushing Program	
	Option 2	Install filter *	
	Option 3	Replace Fixture	
	Option 4	Remove Fixture/Location from Service - do not replace	
Fail First Draw and Flush Samples	Option 1	Install Filter *	
	Option 2	Remove Fixture/Location from Service - do not replace	
	Option 3	Run new line and install new fixture **	
Drinking Fountain			
Fail First Draw Sample/Pass Flush Sample	Option 1	Install in-line filter *	
	Option 2	Remove Fixture/Location from Service - do not replace	
	Option 3	Replace unit	
Fail First Draw and Flush Samples	Option 1	Install in-line filter *	
	Option 2	Remove Fixture/Location from Service - do not replace	
	Option 3	Run new line and install new fixture **	

NOTES:

1. If remedial options presented above are impractical for whatever reason, continue the use of bottled water for drinking and food preparation purposes.

* Make sure the filter selected is certified under NSF/ANSI Standard 53 standards for lead reduction.

** Make sure that replacement system components (piping, faucets, etc.) are compliant with the NSF Standard 61.

APPENDIX A

LABORATORY REPORTS

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: 480-102686-1

Client Project/Site: Bergen County, NJ

For:

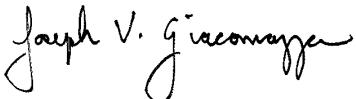
CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

7/14/2016 11:03:35 AM

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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: 480-102686-1

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.
B	Compound was found in the blank and sample.
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: 480-102686-1

Job ID: 480-102686-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102686-1

Receipt

The samples were received on 7/7/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2° C, 0.4° C and 0.8° C.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-DF-05A

Lab Sample ID: 480-102686-1

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

Client Sample ID: H-200C-DF-06A

Lab Sample ID: 480-102686-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-07A

Lab Sample ID: 480-102686-5

No Detections.

Client Sample ID: H-200C-DF-08A

Lab Sample ID: 480-102686-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-09A

Lab Sample ID: 480-102686-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	26.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-02A

Lab Sample ID: 480-102686-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.44	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-10A

Lab Sample ID: 480-102686-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-01A

Lab Sample ID: 480-102686-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-IM-01A

Lab Sample ID: 480-102686-17

No Detections.

Client Sample ID: H-200C-CS-02A

Lab Sample ID: 480-102686-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	47.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-03A

Lab Sample ID: 480-102686-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.9		1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-DF-11A

Lab Sample ID: 480-102686-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-12A

Lab Sample ID: 480-102686-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-13A

Lab Sample ID: 480-102686-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-14A

Lab Sample ID: 480-102686-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-15A

Lab Sample ID: 480-102686-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	82.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-04A

Lab Sample ID: 480-102686-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21.9	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-05A

Lab Sample ID: 480-102686-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.8	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-06A

Lab Sample ID: 480-102686-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-04A

Lab Sample ID: 480-102686-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-BF-01A

Lab Sample ID: 480-102686-40

No Detections.

Client Sample ID: H-200C-KS-05A

Lab Sample ID: 480-102686-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-BF-02A

Lab Sample ID: 480-102686-44

No Detections.

Client Sample ID: H-200C-KS-06A

Lab Sample ID: 480-102686-46

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

Client Sample ID: H-200C-NS-01A

Lab Sample ID: 480-102686-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.4	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-15A

Lab Sample ID: 480-102686-50

No Detections.

Client Sample ID: H-200C-BF-03A

Lab Sample ID: 480-102686-52

No Detections.

Client Sample ID: H-200C-CS-22A

Lab Sample ID: 480-102686-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	48.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-07A

Lab Sample ID: 480-102686-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	526		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-08A

Lab Sample ID: 480-102686-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	28.8	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-09A

Lab Sample ID: 480-102686-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	24.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-10A

Lab Sample ID: 480-102686-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21.4	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-16A

Lab Sample ID: 480-102686-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-14A

Lab Sample ID: 480-102686-66

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-14A (Continued)

Lab Sample ID: 480-102686-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	85.4	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-16A

Lab Sample ID: 480-102686-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	78.0	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-17A

Lab Sample ID: 480-102686-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	54.9	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-18A

Lab Sample ID: 480-102686-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	114	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-19A

Lab Sample ID: 480-102686-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	45.8	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-20A

Lab Sample ID: 480-102686-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22.8	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-21A

Lab Sample ID: 480-102686-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	34.3	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-07A

Lab Sample ID: 480-102686-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.6	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-08A

Lab Sample ID: 480-102686-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.6	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-09A

Lab Sample ID: 480-102686-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.4	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-10A

Lab Sample ID: 480-102686-86

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-KS-10A (Continued)

Lab Sample ID: 480-102686-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-11A

Lab Sample ID: 480-102686-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.2	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-12A

Lab Sample ID: 480-102686-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-13A

Lab Sample ID: 480-102686-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.2	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-IM-02A

Lab Sample ID: 480-102686-94

No Detections.

Client Sample ID: H-200C-CS-11A

Lab Sample ID: 480-102686-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-12A

Lab Sample ID: 480-102686-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	65.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-13A

Lab Sample ID: 480-102686-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	31.3	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-17A

Lab Sample ID: 480-102686-101

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.4	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-15A

Lab Sample ID: 480-102686-103

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	81.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-334-NS-01A

Lab Sample ID: 480-102686-105

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

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-334-DF-02A

Lab Sample ID: 480-102686-107

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.49	J B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-334-DF-03A

Lab Sample ID: 480-102686-109

No Detections.

Client Sample ID: H-200A-DF-02A

Lab Sample ID: 480-102686-111

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200A-KS-02A

Lab Sample ID: 480-102686-113

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200A-KS-03A

Lab Sample ID: 480-102686-115

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.2	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-NS-01A

Lab Sample ID: 480-102686-117

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.8	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-KS-02A

Lab Sample ID: 480-102686-119

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	32.9	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-KS-03A

Lab Sample ID: 480-102686-121

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	31.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-KS-04A

Lab Sample ID: 480-102686-123

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	228	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-DF-03A

Lab Sample ID: 480-102686-125

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.5	B	1.0	0.17	ug/L	1		200.8	Total/NA

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: 480-102686-1

Client Sample ID: H-200C-DF-05A

Date Collected: 07/06/16 06:45
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-1

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		07/11/16 18:00	07/12/16 05:32	1

Client Sample ID: H-200C-DF-06A

Date Collected: 07/06/16 06:48
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.8		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 05:43	1

Client Sample ID: H-200C-DF-07A

Date Collected: 07/06/16 07:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 18:00	07/12/16 05:46	1

Client Sample ID: H-200C-DF-08A

Date Collected: 07/06/16 06:37
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.6		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 05:48	1

Client Sample ID: H-200C-DF-09A

Date Collected: 07/06/16 06:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	26.9		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 05:51	1

Client Sample ID: H-200C-KS-02A

Date Collected: 07/06/16 06:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.44	J	1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:01	1

Client Sample ID: H-200C-DF-10A

Date Collected: 07/06/16 07:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.7		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-01A

Date Collected: 07/06/16 06:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-15

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:06	1

Client Sample ID: H-200C-IM-01A

Date Collected: 07/06/16 06:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-17

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:09	1

Client Sample ID: H-200C-CS-02A

Date Collected: 07/06/16 06:18
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-18

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	47.2		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:12	1

Client Sample ID: H-200C-KS-03A

Date Collected: 07/06/16 06:38
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-20

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.9		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:14	1

Client Sample ID: H-200C-DF-11A

Date Collected: 07/06/16 07:11
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-22

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.6		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 11:20	1

Client Sample ID: H-200C-DF-12A

Date Collected: 07/06/16 07:08
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-24

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.9		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:20	1

Client Sample ID: H-200C-DF-13A

Date Collected: 07/06/16 07:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-26

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:23	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-DF-14A

Date Collected: 07/06/16 08:42
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-28

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:26	1

Client Sample ID: H-200C-DF-15A

Date Collected: 07/06/16 07:49
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	82.5		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 06:35	1

Client Sample ID: H-200C-CS-04A

Date Collected: 07/06/16 06:46
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-32

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21.9	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 06:52	1

Client Sample ID: H-200C-CS-05A

Date Collected: 07/06/16 06:50
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-34

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.8	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:09	1

Client Sample ID: H-200C-CS-06A

Date Collected: 07/06/16 06:52
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-36

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:12	1

Client Sample ID: H-200C-KS-04A

Date Collected: 07/06/16 06:57
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-38

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.7	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:15	1

Client Sample ID: H-200C-BF-01A

Date Collected: 07/06/16 07:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-40

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-KS-05A

Date Collected: 07/06/16 07:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-42

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.1	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:21	1

Client Sample ID: H-200C-BF-02A

Date Collected: 07/06/16 07:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-44

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:23	1

Client Sample ID: H-200C-KS-06A

Date Collected: 07/06/16 07:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-46

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:26	1

Client Sample ID: H-200C-NS-01A

Date Collected: 07/06/16 07:53
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-48

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.4	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:29	1

Client Sample ID: H-200C-DF-15A

Date Collected: 07/06/16 08:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-50

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:31	1

Client Sample ID: H-200C-BF-03A

Date Collected: 07/06/16 08:12
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-52

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:31	1

Client Sample ID: H-200C-CS-22A

Date Collected: 07/06/16 07:58
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-54

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	48.1	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:44	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-07A

Date Collected: 07/06/16 08:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-56

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	526		1.0	0.17	ug/L		07/12/16 12:20	07/13/16 01:17	1

Client Sample ID: H-200C-CS-08A

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-58

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28.8	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:49	1

Client Sample ID: H-200C-CS-09A

Date Collected: 07/06/16 08:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-60

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	24.5	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:52	1

Client Sample ID: H-200C-CS-10A

Date Collected: 07/06/16 08:07
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-62

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21.4	B	1.0	0.17	ug/L		07/11/16 18:45	07/12/16 07:55	1

Client Sample ID: H-200C-DF-16A

Date Collected: 07/06/16 07:59
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-64

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.7	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:15	1

Client Sample ID: H-200C-CS-14A

Date Collected: 07/06/16 08:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-66

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	85.4	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:26	1

Client Sample ID: H-200C-CS-16A

Date Collected: 07/06/16 08:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-68

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	78.0	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:29	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-17A

Date Collected: 07/06/16 08:26
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-70

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	54.9	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:32	1

Client Sample ID: H-200C-CS-18A

Date Collected: 07/06/16 08:28
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-72

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	114	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:35	1

Client Sample ID: H-200C-CS-19A

Date Collected: 07/06/16 08:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-74

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	45.8	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:44	1

Client Sample ID: H-200C-CS-20A

Date Collected: 07/06/16 08:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-76

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.8	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:47	1

Client Sample ID: H-200C-CS-21A

Date Collected: 07/06/16 08:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-78

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	34.3	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:50	1

Client Sample ID: H-200C-KS-07A

Date Collected: 07/06/16 07:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-80

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:53	1

Client Sample ID: H-200C-KS-08A

Date Collected: 07/06/16 07:27
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-82

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:56	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-KS-09A

Date Collected: 07/06/16 07:29
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-84

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.4	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:59	1

Client Sample ID: H-200C-KS-10A

Date Collected: 07/06/16 07:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-86

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.5	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 09:01	1

Client Sample ID: H-200C-KS-11A

Date Collected: 07/06/16 07:34
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-88

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.2	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 09:04	1

Client Sample ID: H-200C-KS-12A

Date Collected: 07/06/16 07:36
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-90

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.5	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 09:07	1

Client Sample ID: H-200C-KS-13A

Date Collected: 07/06/16 07:38
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-92

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2	B	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 09:10	1

Client Sample ID: H-200C-IM-02A

Date Collected: 07/06/16 07:43
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-94

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 19:30	07/12/16 09:19	1

Client Sample ID: H-200C-CS-11A

Date Collected: 07/06/16 08:04
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-95

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.1	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 09:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-12A

Date Collected: 07/06/16 07:59
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-97

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	65.1	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 09:54	1

Client Sample ID: H-200C-CS-13A

Date Collected: 07/06/16 08:01
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-99

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	31.3	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 09:57	1

Client Sample ID: H-200C-KS-17A

Date Collected: 07/06/16 08:07
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-101

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11.4	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:00	1

Client Sample ID: H-200C-CS-15A

Date Collected: 07/06/16 08:13
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-103

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	81.5	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:02	1

Client Sample ID: H-334-NS-01A

Date Collected: 07/06/16 06:42
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-105

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.1	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:05	1

Client Sample ID: H-334-DF-02A

Date Collected: 07/06/16 06:45
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-107

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.49	J B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:08	1

Client Sample ID: H-334-DF-03A

Date Collected: 07/06/16 06:48
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-109

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:11	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200A-DF-02A

Date Collected: 07/06/16 06:23
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-111

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.7	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:13	1

Client Sample ID: H-200A-KS-02A

Date Collected: 07/06/16 06:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-113

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:16	1

Client Sample ID: H-200A-KS-03A

Date Collected: 07/06/16 06:20
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-115

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.2	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:19	1

Client Sample ID: H-295-NS-01A

Date Collected: 07/06/16 07:10
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-117

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.8	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:53	1

Client Sample ID: H-295-KS-02A

Date Collected: 07/06/16 07:13
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-119

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	32.9	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 10:56	1

Client Sample ID: H-295-KS-03A

Date Collected: 07/06/16 07:21
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-121

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	31.7	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 11:00	1

Client Sample ID: H-295-KS-04A

Date Collected: 07/06/16 07:23
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-123

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	228	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 11:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-295-DF-03A
Date Collected: 07/06/16 07:17
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-125
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.5	B	1.0	0.17	ug/L		07/11/16 20:15	07/12/16 11:06	1

QC Sample Results

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

TestAmerica Job ID: 480-102686-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-310486/1-A

Matrix: Water

Analysis Batch: 310696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310486

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Lead	0.17	U		1.0	0.17	ug/L		07/11/16 18:00	07/12/16 11:17	1

Lab Sample ID: MB 480-310488/1-A

Matrix: Water

Analysis Batch: 310696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310488

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Lead	0.604	J		1.0	0.17	ug/L		07/11/16 18:45	07/12/16 06:46	1

Lab Sample ID: MB 480-310490/1-A

Matrix: Water

Analysis Batch: 310696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310490

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Lead	0.625	J		1.0	0.17	ug/L		07/11/16 19:30	07/12/16 08:10	1

Lab Sample ID: MB 480-310491/1-A

Matrix: Water

Analysis Batch: 310696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310491

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Lead	0.911	J		1.0	0.17	ug/L		07/11/16 20:15	07/12/16 09:30	1

Lab Sample ID: MB 480-310673/1-A

Matrix: Water

Analysis Batch: 310920

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310673

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Lead	0.17	U		1.0	0.17	ug/L		07/12/16 12:20	07/13/16 01:04	1

QC Association Summary

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

TestAmerica Job ID: 480-102686-1

Metals

Prep Batch: 310486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-1	H-200C-DF-05A	Total/NA	Water	200 Series	1
480-102686-1 MS	H-200C-DF-05A	Total/NA	Water	200 Series	2
480-102686-1 MSD	H-200C-DF-05A	Total/NA	Water	200 Series	3
480-102686-3	H-200C-DF-06A	Total/NA	Water	200 Series	4
480-102686-5	H-200C-DF-07A	Total/NA	Water	200 Series	5
480-102686-7	H-200C-DF-08A	Total/NA	Water	200 Series	6
480-102686-9	H-200C-DF-09A	Total/NA	Water	200 Series	7
480-102686-11	H-200C-KS-02A	Total/NA	Water	200 Series	8
480-102686-13	H-200C-DF-10A	Total/NA	Water	200 Series	9
480-102686-15	H-200C-CS-01A	Total/NA	Water	200 Series	10
480-102686-17	H-200C-IM-01A	Total/NA	Water	200 Series	11
480-102686-18	H-200C-CS-02A	Total/NA	Water	200 Series	12
480-102686-20	H-200C-KS-03A	Total/NA	Water	200 Series	13
480-102686-22	H-200C-DF-11A	Total/NA	Water	200 Series	14
480-102686-24	H-200C-DF-12A	Total/NA	Water	200 Series	
480-102686-26	H-200C-DF-13A	Total/NA	Water	200 Series	
480-102686-28	H-200C-DF-14A	Total/NA	Water	200 Series	
480-102686-30	H-200C-DF-15A	Total/NA	Water	200 Series	
480-102686-30 MS	H-200C-DF-15A	Total/NA	Water	200 Series	
480-102686-30 MSD	H-200C-DF-15A	Total/NA	Water	200 Series	
LCS 480-310486/2-A	Lab Control Sample	Total/NA	Water	200 Series	
MB 480-310486/1-A	Method Blank	Total/NA	Water	200 Series	

Prep Batch: 310488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-32	H-200C-CS-04A	Total/NA	Water	200 Series	1
480-102686-32 MS	H-200C-CS-04A	Total/NA	Water	200 Series	2
480-102686-32 MSD	H-200C-CS-04A	Total/NA	Water	200 Series	3
480-102686-34	H-200C-CS-05A	Total/NA	Water	200 Series	4
480-102686-36	H-200C-CS-06A	Total/NA	Water	200 Series	5
480-102686-38	H-200C-KS-04A	Total/NA	Water	200 Series	6
480-102686-40	H-200C-BF-01A	Total/NA	Water	200 Series	7
480-102686-42	H-200C-KS-05A	Total/NA	Water	200 Series	8
480-102686-44	H-200C-BF-02A	Total/NA	Water	200 Series	9
480-102686-46	H-200C-KS-06A	Total/NA	Water	200 Series	10
480-102686-48	H-200C-NS-01A	Total/NA	Water	200 Series	11
480-102686-50	H-200C-DF-15A	Total/NA	Water	200 Series	12
480-102686-52	H-200C-BF-03A	Total/NA	Water	200 Series	13
480-102686-54	H-200C-CS-22A	Total/NA	Water	200 Series	14
480-102686-58	H-200C-CS-08A	Total/NA	Water	200 Series	
480-102686-60	H-200C-CS-09A	Total/NA	Water	200 Series	
480-102686-62	H-200C-CS-10A	Total/NA	Water	200 Series	
480-102686-62 MS	H-200C-CS-10A	Total/NA	Water	200 Series	
480-102686-62 MSD	H-200C-CS-10A	Total/NA	Water	200 Series	
LCS 480-310488/2-A	Lab Control Sample	Total/NA	Water	200 Series	
MB 480-310488/1-A	Method Blank	Total/NA	Water	200 Series	

Prep Batch: 310490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-64	H-200C-DF-16A	Total/NA	Water	200 Series	1
480-102686-64 MS	H-200C-DF-16A	Total/NA	Water	200 Series	2

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102686-1

Metals (Continued)

Prep Batch: 310490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-64 MSD	H-200C-DF-16A	Total/NA	Water	200 Series	1
480-102686-66	H-200C-CS-14A	Total/NA	Water	200 Series	2
480-102686-68	H-200C-CS-16A	Total/NA	Water	200 Series	3
480-102686-70	H-200C-CS-17A	Total/NA	Water	200 Series	4
480-102686-72	H-200C-CS-18A	Total/NA	Water	200 Series	5
480-102686-74	H-200C-CS-19A	Total/NA	Water	200 Series	6
480-102686-76	H-200C-CS-20A	Total/NA	Water	200 Series	7
480-102686-78	H-200C-CS-21A	Total/NA	Water	200 Series	8
480-102686-80	H-200C-KS-07A	Total/NA	Water	200 Series	9
480-102686-82	H-200C-KS-08A	Total/NA	Water	200 Series	10
480-102686-84	H-200C-KS-09A	Total/NA	Water	200 Series	11
480-102686-86	H-200C-KS-10A	Total/NA	Water	200 Series	12
480-102686-88	H-200C-KS-11A	Total/NA	Water	200 Series	13
480-102686-90	H-200C-KS-12A	Total/NA	Water	200 Series	14
480-102686-92	H-200C-KS-13A	Total/NA	Water	200 Series	
480-102686-94	H-200C-IM-02A	Total/NA	Water	200 Series	
480-102686-94 MS	H-200C-IM-02A	Total/NA	Water	200 Series	
480-102686-94 MSD	H-200C-IM-02A	Total/NA	Water	200 Series	
LCS 480-310490/2-A	Lab Control Sample	Total/NA	Water	200 Series	
MB 480-310490/1-A	Method Blank	Total/NA	Water	200 Series	

Prep Batch: 310491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-95	H-200C-CS-11A	Total/NA	Water	200 Series	1
480-102686-95 MS	H-200C-CS-11A	Total/NA	Water	200 Series	2
480-102686-95 MSD	H-200C-CS-11A	Total/NA	Water	200 Series	3
480-102686-97	H-200C-CS-12A	Total/NA	Water	200 Series	4
480-102686-99	H-200C-CS-13A	Total/NA	Water	200 Series	5
480-102686-101	H-200C-KS-17A	Total/NA	Water	200 Series	6
480-102686-103	H-200C-CS-15A	Total/NA	Water	200 Series	7
480-102686-105	H-334-NS-01A	Total/NA	Water	200 Series	8
480-102686-107	H-334-DF-02A	Total/NA	Water	200 Series	9
480-102686-109	H-334-DF-03A	Total/NA	Water	200 Series	10
480-102686-111	H-200A-DF-02A	Total/NA	Water	200 Series	11
480-102686-113	H-200A-KS-02A	Total/NA	Water	200 Series	12
480-102686-115	H-200A-KS-03A	Total/NA	Water	200 Series	13
480-102686-117	H-295-NS-01A	Total/NA	Water	200 Series	14
480-102686-119	H-295-KS-02A	Total/NA	Water	200 Series	
480-102686-121	H-295-KS-03A	Total/NA	Water	200 Series	
480-102686-123	H-295-KS-04A	Total/NA	Water	200 Series	
480-102686-125	H-295-DF-03A	Total/NA	Water	200 Series	
480-102686-125 MS	H-295-DF-03A	Total/NA	Water	200 Series	
480-102686-125 MSD	H-295-DF-03A	Total/NA	Water	200 Series	
LCS 480-310491/2-A	Lab Control Sample	Total/NA	Water	200 Series	
MB 480-310491/1-A	Method Blank	Total/NA	Water	200 Series	

Prep Batch: 310673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-56	H-200C-CS-07A	Total/NA	Water	200.8	1
LCS 480-310673/2-A	Lab Control Sample	Total/NA	Water	200.8	2
MB 480-310673/1-A	Method Blank	Total/NA	Water	200.8	3

TestAmerica Buffalo

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-102686-1

Analysis Batch: 310696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-1	H-200C-DF-05A	Total/NA	Water	200.8	310486
480-102686-1 MS	H-200C-DF-05A	Total/NA	Water	200.8	310486
480-102686-1 MSD	H-200C-DF-05A	Total/NA	Water	200.8	310486
480-102686-3	H-200C-DF-06A	Total/NA	Water	200.8	310486
480-102686-5	H-200C-DF-07A	Total/NA	Water	200.8	310486
480-102686-7	H-200C-DF-08A	Total/NA	Water	200.8	310486
480-102686-9	H-200C-DF-09A	Total/NA	Water	200.8	310486
480-102686-11	H-200C-KS-02A	Total/NA	Water	200.8	310486
480-102686-13	H-200C-DF-10A	Total/NA	Water	200.8	310486
480-102686-15	H-200C-CS-01A	Total/NA	Water	200.8	310486
480-102686-17	H-200C-IM-01A	Total/NA	Water	200.8	310486
480-102686-18	H-200C-CS-02A	Total/NA	Water	200.8	310486
480-102686-20	H-200C-KS-03A	Total/NA	Water	200.8	310486
480-102686-22	H-200C-DF-11A	Total/NA	Water	200.8	310486
480-102686-24	H-200C-DF-12A	Total/NA	Water	200.8	310486
480-102686-26	H-200C-DF-13A	Total/NA	Water	200.8	310486
480-102686-28	H-200C-DF-14A	Total/NA	Water	200.8	310486
480-102686-30	H-200C-DF-15A	Total/NA	Water	200.8	310486
480-102686-30 MS	H-200C-DF-15A	Total/NA	Water	200.8	310486
480-102686-30 MSD	H-200C-DF-15A	Total/NA	Water	200.8	310486
480-102686-32	H-200C-CS-04A	Total/NA	Water	200.8	310488
480-102686-32 MS	H-200C-CS-04A	Total/NA	Water	200.8	310488
480-102686-32 MSD	H-200C-CS-04A	Total/NA	Water	200.8	310488
480-102686-34	H-200C-CS-05A	Total/NA	Water	200.8	310488
480-102686-36	H-200C-CS-06A	Total/NA	Water	200.8	310488
480-102686-38	H-200C-KS-04A	Total/NA	Water	200.8	310488
480-102686-40	H-200C-BF-01A	Total/NA	Water	200.8	310488
480-102686-42	H-200C-KS-05A	Total/NA	Water	200.8	310488
480-102686-44	H-200C-BF-02A	Total/NA	Water	200.8	310488
480-102686-46	H-200C-KS-06A	Total/NA	Water	200.8	310488
480-102686-48	H-200C-NS-01A	Total/NA	Water	200.8	310488
480-102686-50	H-200C-DF-15A	Total/NA	Water	200.8	310488
480-102686-52	H-200C-BF-03A	Total/NA	Water	200.8	310488
480-102686-54	H-200C-CS-22A	Total/NA	Water	200.8	310488
480-102686-58	H-200C-CS-08A	Total/NA	Water	200.8	310488
480-102686-60	H-200C-CS-09A	Total/NA	Water	200.8	310488
480-102686-62	H-200C-CS-10A	Total/NA	Water	200.8	310488
480-102686-62 MS	H-200C-CS-10A	Total/NA	Water	200.8	310488
480-102686-62 MSD	H-200C-CS-10A	Total/NA	Water	200.8	310488
480-102686-64	H-200C-DF-16A	Total/NA	Water	200.8	310490
480-102686-64 MS	H-200C-DF-16A	Total/NA	Water	200.8	310490
480-102686-64 MSD	H-200C-DF-16A	Total/NA	Water	200.8	310490
480-102686-66	H-200C-CS-14A	Total/NA	Water	200.8	310490
480-102686-68	H-200C-CS-16A	Total/NA	Water	200.8	310490
480-102686-70	H-200C-CS-17A	Total/NA	Water	200.8	310490
480-102686-72	H-200C-CS-18A	Total/NA	Water	200.8	310490
480-102686-74	H-200C-CS-19A	Total/NA	Water	200.8	310490
480-102686-76	H-200C-CS-20A	Total/NA	Water	200.8	310490
480-102686-78	H-200C-CS-21A	Total/NA	Water	200.8	310490
480-102686-80	H-200C-KS-07A	Total/NA	Water	200.8	310490
480-102686-82	H-200C-KS-08A	Total/NA	Water	200.8	310490
480-102686-84	H-200C-KS-09A	Total/NA	Water	200.8	310490
480-102686-86	H-200C-KS-10A	Total/NA	Water	200.8	310490

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102686-1

Metals (Continued)

Analysis Batch: 310696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-88	H-200C-KS-11A	Total/NA	Water	200.8	310490
480-102686-90	H-200C-KS-12A	Total/NA	Water	200.8	310490
480-102686-92	H-200C-KS-13A	Total/NA	Water	200.8	310490
480-102686-94	H-200C-IM-02A	Total/NA	Water	200.8	310490
480-102686-94 MS	H-200C-IM-02A	Total/NA	Water	200.8	310490
480-102686-94 MSD	H-200C-IM-02A	Total/NA	Water	200.8	310490
480-102686-95	H-200C-CS-11A	Total/NA	Water	200.8	310491
480-102686-95 MS	H-200C-CS-11A	Total/NA	Water	200.8	310491
480-102686-95 MSD	H-200C-CS-11A	Total/NA	Water	200.8	310491
480-102686-97	H-200C-CS-12A	Total/NA	Water	200.8	310491
480-102686-99	H-200C-CS-13A	Total/NA	Water	200.8	310491
480-102686-101	H-200C-KS-17A	Total/NA	Water	200.8	310491
480-102686-103	H-200C-CS-15A	Total/NA	Water	200.8	310491
480-102686-105	H-334-NS-01A	Total/NA	Water	200.8	310491
480-102686-107	H-334-DF-02A	Total/NA	Water	200.8	310491
480-102686-109	H-334-DF-03A	Total/NA	Water	200.8	310491
480-102686-111	H-200A-DF-02A	Total/NA	Water	200.8	310491
480-102686-113	H-200A-KS-02A	Total/NA	Water	200.8	310491
480-102686-115	H-200A-KS-03A	Total/NA	Water	200.8	310491
480-102686-117	H-295-NS-01A	Total/NA	Water	200.8	310491
480-102686-119	H-295-KS-02A	Total/NA	Water	200.8	310491
480-102686-121	H-295-KS-03A	Total/NA	Water	200.8	310491
480-102686-123	H-295-KS-04A	Total/NA	Water	200.8	310491
480-102686-125	H-295-DF-03A	Total/NA	Water	200.8	310491
480-102686-125 MS	H-295-DF-03A	Total/NA	Water	200.8	310491
480-102686-125 MSD	H-295-DF-03A	Total/NA	Water	200.8	310491
LCS 480-310486/2-A	Lab Control Sample	Total/NA	Water	200.8	310486
LCS 480-310488/2-A	Lab Control Sample	Total/NA	Water	200.8	310488
LCS 480-310490/2-A	Lab Control Sample	Total/NA	Water	200.8	310490
LCS 480-310491/2-A	Lab Control Sample	Total/NA	Water	200.8	310491
MB 480-310486/1-A	Method Blank	Total/NA	Water	200.8	310486
MB 480-310488/1-A	Method Blank	Total/NA	Water	200.8	310488
MB 480-310490/1-A	Method Blank	Total/NA	Water	200.8	310490
MB 480-310491/1-A	Method Blank	Total/NA	Water	200.8	310491

Analysis Batch: 310920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-56	H-200C-CS-07A	Total/NA	Water	200.8	310673
LCS 480-310673/2-A	Lab Control Sample	Total/NA	Water	200.8	310673
MB 480-310673/1-A	Method Blank	Total/NA	Water	200.8	310673

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-DF-05A

Lab Sample ID: 480-102686-1

Date Collected: 07/06/16 06:45

Matrix: Water

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 05:32	MTM2	TAL BUF

Client Sample ID: H-200C-DF-06A

Lab Sample ID: 480-102686-3

Date Collected: 07/06/16 06:48

Matrix: Water

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 05:43	MTM2	TAL BUF

Client Sample ID: H-200C-DF-07A

Lab Sample ID: 480-102686-5

Date Collected: 07/06/16 07:15

Matrix: Water

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 05:46	MTM2	TAL BUF

Client Sample ID: H-200C-DF-08A

Lab Sample ID: 480-102686-7

Date Collected: 07/06/16 06:37

Matrix: Water

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 05:48	MTM2	TAL BUF

Client Sample ID: H-200C-DF-09A

Lab Sample ID: 480-102686-9

Date Collected: 07/06/16 06:30

Matrix: Water

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 05:51	MTM2	TAL BUF

Client Sample ID: H-200C-KS-02A

Lab Sample ID: 480-102686-11

Date Collected: 07/06/16 06:25

Matrix: Water

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:01	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-DF-10A

Date Collected: 07/06/16 07:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:03	MTM2	TAL BUF

Client Sample ID: H-200C-CS-01A

Date Collected: 07/06/16 06:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:06	MTM2	TAL BUF

Client Sample ID: H-200C-IM-01A

Date Collected: 07/06/16 06:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:09	MTM2	TAL BUF

Client Sample ID: H-200C-CS-02A

Date Collected: 07/06/16 06:18
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:12	MTM2	TAL BUF

Client Sample ID: H-200C-KS-03A

Date Collected: 07/06/16 06:38
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:14	MTM2	TAL BUF

Client Sample ID: H-200C-DF-11A

Date Collected: 07/06/16 07:11
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 11:20	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-DF-12A

Date Collected: 07/06/16 07:08
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:20	MTM2	TAL BUF

Client Sample ID: H-200C-DF-13A

Date Collected: 07/06/16 07:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:23	MTM2	TAL BUF

Client Sample ID: H-200C-DF-14A

Date Collected: 07/06/16 08:42
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:26	MTM2	TAL BUF

Client Sample ID: H-200C-DF-15A

Date Collected: 07/06/16 07:49
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310486	07/11/16 18:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:35	MTM2	TAL BUF

Client Sample ID: H-200C-CS-04A

Date Collected: 07/06/16 06:46
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 06:52	MTM2	TAL BUF

Client Sample ID: H-200C-CS-05A

Date Collected: 07/06/16 06:50
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:09	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-06A

Date Collected: 07/06/16 06:52
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:12	MTM2	TAL BUF

Client Sample ID: H-200C-KS-04A

Date Collected: 07/06/16 06:57
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:15	MTM2	TAL BUF

Client Sample ID: H-200C-BF-01A

Date Collected: 07/06/16 07:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:18	MTM2	TAL BUF

Client Sample ID: H-200C-KS-05A

Date Collected: 07/06/16 07:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-42

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:21	MTM2	TAL BUF

Client Sample ID: H-200C-BF-02A

Date Collected: 07/06/16 07:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:23	MTM2	TAL BUF

Client Sample ID: H-200C-KS-06A

Date Collected: 07/06/16 07:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:26	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-NS-01A

Date Collected: 07/06/16 07:53
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:29	MTM2	TAL BUF

Client Sample ID: H-200C-DF-15A

Date Collected: 07/06/16 08:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:31	MTM2	TAL BUF

Client Sample ID: H-200C-BF-03A

Date Collected: 07/06/16 08:12
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-52

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:34	MTM2	TAL BUF

Client Sample ID: H-200C-CS-22A

Date Collected: 07/06/16 07:58
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-54

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:44	MTM2	TAL BUF

Client Sample ID: H-200C-CS-07A

Date Collected: 07/06/16 08:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-56

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			310673	07/12/16 12:20	BAE	TAL BUF
Total/NA	Analysis	200.8		1	310920	07/13/16 01:17	MTM2	TAL BUF

Client Sample ID: H-200C-CS-08A

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-58

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:49	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-09A

Date Collected: 07/06/16 08:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-60

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:52	MTM2	TAL BUF

Client Sample ID: H-200C-CS-10A

Date Collected: 07/06/16 08:07
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-62

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310488	07/11/16 18:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 07:55	MTM2	TAL BUF

Client Sample ID: H-200C-DF-16A

Date Collected: 07/06/16 07:59
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-64

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:15	MTM2	TAL BUF

Client Sample ID: H-200C-CS-14A

Date Collected: 07/06/16 08:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-66

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:26	MTM2	TAL BUF

Client Sample ID: H-200C-CS-16A

Date Collected: 07/06/16 08:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-68

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:29	MTM2	TAL BUF

Client Sample ID: H-200C-CS-17A

Date Collected: 07/06/16 08:26
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-70

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:32	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-18A

Date Collected: 07/06/16 08:28
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-72

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:35	MTM2	TAL BUF

Client Sample ID: H-200C-CS-19A

Date Collected: 07/06/16 08:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-74

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:44	MTM2	TAL BUF

Client Sample ID: H-200C-CS-20A

Date Collected: 07/06/16 08:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-76

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:47	MTM2	TAL BUF

Client Sample ID: H-200C-CS-21A

Date Collected: 07/06/16 08:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-78

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:50	MTM2	TAL BUF

Client Sample ID: H-200C-KS-07A

Date Collected: 07/06/16 07:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-80

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:53	MTM2	TAL BUF

Client Sample ID: H-200C-KS-08A

Date Collected: 07/06/16 07:27
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-82

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:56	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-KS-09A

Date Collected: 07/06/16 07:29
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-84

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 08:59	MTM2	TAL BUF

Client Sample ID: H-200C-KS-10A

Date Collected: 07/06/16 07:32
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-86

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:01	MTM2	TAL BUF

Client Sample ID: H-200C-KS-11A

Date Collected: 07/06/16 07:34
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-88

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:04	MTM2	TAL BUF

Client Sample ID: H-200C-KS-12A

Date Collected: 07/06/16 07:36
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-90

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:07	MTM2	TAL BUF

Client Sample ID: H-200C-KS-13A

Date Collected: 07/06/16 07:38
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-92

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:10	MTM2	TAL BUF

Client Sample ID: H-200C-IM-02A

Date Collected: 07/06/16 07:43
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-94

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310490	07/11/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:19	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-200C-CS-11A

Date Collected: 07/06/16 08:04
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-95

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:36	MTM2	TAL BUF

Client Sample ID: H-200C-CS-12A

Date Collected: 07/06/16 07:59
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-97

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:54	MTM2	TAL BUF

Client Sample ID: H-200C-CS-13A

Date Collected: 07/06/16 08:01
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-99

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 09:57	MTM2	TAL BUF

Client Sample ID: H-200C-KS-17A

Date Collected: 07/06/16 08:07
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-101

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:00	MTM2	TAL BUF

Client Sample ID: H-200C-CS-15A

Date Collected: 07/06/16 08:13
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-103

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:02	MTM2	TAL BUF

Client Sample ID: H-334-NS-01A

Date Collected: 07/06/16 06:42
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-105

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:05	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-334-DF-02A

Date Collected: 07/06/16 06:45
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-107

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:08	MTM2	TAL BUF

Client Sample ID: H-334-DF-03A

Date Collected: 07/06/16 06:48
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-109

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:11	MTM2	TAL BUF

Client Sample ID: H-200A-DF-02A

Date Collected: 07/06/16 06:23
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-111

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:13	MTM2	TAL BUF

Client Sample ID: H-200A-KS-02A

Date Collected: 07/06/16 06:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-113

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:16	MTM2	TAL BUF

Client Sample ID: H-200A-KS-03A

Date Collected: 07/06/16 06:20
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-115

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:19	MTM2	TAL BUF

Client Sample ID: H-295-NS-01A

Date Collected: 07/06/16 07:10
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-117

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:53	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-1

Client Sample ID: H-295-KS-02A

Date Collected: 07/06/16 07:13
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-119

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 10:56	MTM2	TAL BUF

Client Sample ID: H-295-KS-03A

Date Collected: 07/06/16 07:21
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-121

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 11:00	MTM2	TAL BUF

Client Sample ID: H-295-KS-04A

Date Collected: 07/06/16 07:23
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-123

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 11:03	MTM2	TAL BUF

Client Sample ID: H-295-DF-03A

Date Collected: 07/06/16 07:17
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-125

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310491	07/11/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	310696	07/12/16 11:06	MTM2	TAL BUF

Laboratory References:

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

TestAmerica Buffalo

Certification Summary

Client: CHA Inc

Project/Site: Bergen County, NJ

TestAmerica Job ID: 480-102686-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method Prep Method Matrix Analyte				

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

Method Summary

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

TestAmerica Job ID: 480-102686-1

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

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: 480-102686-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102686-1	H-200C-DF-05A	Water	07/06/16 06:45	07/07/16 02:00
480-102686-3	H-200C-DF-06A	Water	07/06/16 06:48	07/07/16 02:00
480-102686-5	H-200C-DF-07A	Water	07/06/16 07:15	07/07/16 02:00
480-102686-7	H-200C-DF-08A	Water	07/06/16 06:37	07/07/16 02:00
480-102686-9	H-200C-DF-09A	Water	07/06/16 06:30	07/07/16 02:00
480-102686-11	H-200C-KS-02A	Water	07/06/16 06:25	07/07/16 02:00
480-102686-13	H-200C-DF-10A	Water	07/06/16 07:00	07/07/16 02:00
480-102686-15	H-200C-CS-01A	Water	07/06/16 06:30	07/07/16 02:00
480-102686-17	H-200C-IM-01A	Water	07/06/16 06:32	07/07/16 02:00
480-102686-18	H-200C-CS-02A	Water	07/06/16 06:18	07/07/16 02:00
480-102686-20	H-200C-KS-03A	Water	07/06/16 06:38	07/07/16 02:00
480-102686-22	H-200C-DF-11A	Water	07/06/16 07:11	07/07/16 02:00
480-102686-24	H-200C-DF-12A	Water	07/06/16 07:08	07/07/16 02:00
480-102686-26	H-200C-DF-13A	Water	07/06/16 07:25	07/07/16 02:00
480-102686-28	H-200C-DF-14A	Water	07/06/16 08:42	07/07/16 02:00
480-102686-30	H-200C-DF-15A	Water	07/06/16 07:49	07/07/16 02:00
480-102686-32	H-200C-CS-04A	Water	07/06/16 06:46	07/07/16 02:00
480-102686-34	H-200C-CS-05A	Water	07/06/16 06:50	07/07/16 02:00
480-102686-36	H-200C-CS-06A	Water	07/06/16 06:52	07/07/16 02:00
480-102686-38	H-200C-KS-04A	Water	07/06/16 06:57	07/07/16 02:00
480-102686-40	H-200C-BF-01A	Water	07/06/16 07:32	07/07/16 02:00
480-102686-42	H-200C-KS-05A	Water	07/06/16 07:00	07/07/16 02:00
480-102686-44	H-200C-BF-02A	Water	07/06/16 07:02	07/07/16 02:00
480-102686-46	H-200C-KS-06A	Water	07/06/16 07:05	07/07/16 02:00
480-102686-48	H-200C-NS-01A	Water	07/06/16 07:53	07/07/16 02:00
480-102686-50	H-200C-DF-15A	Water	07/06/16 08:05	07/07/16 02:00
480-102686-52	H-200C-BF-03A	Water	07/06/16 08:12	07/07/16 02:00
480-102686-54	H-200C-CS-22A	Water	07/06/16 07:58	07/07/16 02:00
480-102686-56	H-200C-CS-07A	Water	07/06/16 08:02	07/07/16 02:00
480-102686-58	H-200C-CS-08A	Water	07/06/16 08:00	07/07/16 02:00
480-102686-60	H-200C-CS-09A	Water	07/06/16 08:05	07/07/16 02:00
480-102686-62	H-200C-CS-10A	Water	07/06/16 08:07	07/07/16 02:00
480-102686-64	H-200C-DF-16A	Water	07/06/16 07:59	07/07/16 02:00
480-102686-66	H-200C-CS-14A	Water	07/06/16 08:15	07/07/16 02:00
480-102686-68	H-200C-CS-16A	Water	07/06/16 08:25	07/07/16 02:00
480-102686-70	H-200C-CS-17A	Water	07/06/16 08:26	07/07/16 02:00
480-102686-72	H-200C-CS-18A	Water	07/06/16 08:28	07/07/16 02:00
480-102686-74	H-200C-CS-19A	Water	07/06/16 08:25	07/07/16 02:00
480-102686-76	H-200C-CS-20A	Water	07/06/16 08:30	07/07/16 02:00
480-102686-78	H-200C-CS-21A	Water	07/06/16 08:32	07/07/16 02:00
480-102686-80	H-200C-KS-07A	Water	07/06/16 07:25	07/07/16 02:00
480-102686-82	H-200C-KS-08A	Water	07/06/16 07:27	07/07/16 02:00
480-102686-84	H-200C-KS-09A	Water	07/06/16 07:29	07/07/16 02:00
480-102686-86	H-200C-KS-10A	Water	07/06/16 07:32	07/07/16 02:00
480-102686-88	H-200C-KS-11A	Water	07/06/16 07:34	07/07/16 02:00
480-102686-90	H-200C-KS-12A	Water	07/06/16 07:36	07/07/16 02:00
480-102686-92	H-200C-KS-13A	Water	07/06/16 07:38	07/07/16 02:00
480-102686-94	H-200C-IM-02A	Water	07/06/16 07:43	07/07/16 02:00
480-102686-95	H-200C-CS-11A	Water	07/06/16 08:04	07/07/16 02:00
480-102686-97	H-200C-CS-12A	Water	07/06/16 07:59	07/07/16 02:00
480-102686-99	H-200C-CS-13A	Water	07/06/16 08:01	07/07/16 02:00
480-102686-101	H-200C-KS-17A	Water	07/06/16 08:07	07/07/16 02:00
480-102686-103	H-200C-CS-15A	Water	07/06/16 08:13	07/07/16 02:00

TestAmerica Buffalo

Sample Summary

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

TestAmerica Job ID: 480-102686-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102686-105	H-334-NS-01A	Water	07/06/16 06:42	07/07/16 02:00
480-102686-107	H-334-DF-02A	Water	07/06/16 06:45	07/07/16 02:00
480-102686-109	H-334-DF-03A	Water	07/06/16 06:48	07/07/16 02:00
480-102686-111	H-200A-DF-02A	Water	07/06/16 06:23	07/07/16 02:00
480-102686-113	H-200A-KS-02A	Water	07/06/16 06:15	07/07/16 02:00
480-102686-115	H-200A-KS-03A	Water	07/06/16 06:20	07/07/16 02:00
480-102686-117	H-295-NS-01A	Water	07/06/16 07:10	07/07/16 02:00
480-102686-119	H-295-KS-02A	Water	07/06/16 07:13	07/07/16 02:00
480-102686-121	H-295-KS-03A	Water	07/06/16 07:21	07/07/16 02:00
480-102686-123	H-295-KS-04A	Water	07/06/16 07:23	07/07/16 02:00
480-102686-125	H-295-DF-03A	Water	07/06/16 07:17	07/07/16 02:00

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Pierce	Lab P.M.: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-7409-145571-1
Client Contact: Ms. Regina Carmilli	Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 22-12	Job #:
Company: CHA Inc	Address: 111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269	TAT Requested (days): 5 - DAY	Analysis Requested		
<p style="text-align: center;">480-102886 Chain of Custody</p> <p>Total Number of Containers: _____</p> <p>I - Ice U - Acetone hydrate J - DI Water V - MCAA K - EDTA W - ph 4.5 L - EDA Z - other (specify) Other: _____</p>					
<p>200.8 - ICP Metals Single Element</p> <p>Performs/MSDS (Yes or No)</p> <p>Indicate if labeled Sample (Yes or No)</p> <p>Indicate if labeled Sample (Yes or No)</p> <p>Special Instructions/Note:</p>					
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, G=solid, O=glass, A=air)	Preservation Code
H-200C-DF-05A	7-19-10	9:45	G	Water	✓
H-200C-DF-05B		9:46	I	Water	✓
H-200C-DF-06A		9:48	I	Water	✓
H-200C-DF-06B		9:49	I	Water	✓
H-200C-DF-07A		7:15	I	Water	✓
H-200C-DF-07B		7:15	I	Water	✓
H-200C-DF-08A		9:37	I	Water	✓
H-200C-DF-08B		9:37	I	Water	✓
H-200C-DF-09A		9:38	I	Water	✓
H-200C-DF-09B		9:38	I	Water	✓
H-200C-KS-02A		9:35	✓	Water	✓
<p>Possible Hazard Identification</p> <p><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</p> <p>Deliverable Requested: I, II, III, IV. Other (specify)</p>					
<p>Empty Kit Relinquished by:</p> <p>Relinquished by: Egalt WWD</p> <p>Relinquished by: J. K. Kunkel</p> <p>Relinquished by: T. A. All</p>					
<p>Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No: 0.2, 0.8, 0.4, #1</p> <p>△ Yes ▲ No</p>					
<p>Sample Disposal / A fee may be assessed if samples are retained longer than 1 month</p> <p><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months</p>					
<p>Special Instructions/QC Requirements:</p> <p>Method of Shipment:</p> <p>Date/Time: 7-6-16 / 1518 Company: R. Stone Date/Time: 7-6-16 1512 Company: J. Kunkel</p> <p>Date/Time: 7-6-16 1501 Company: T. A. All Date/Time: 7-7-16 0200 Company: J. Kunkel</p> <p>Received by: WWD Received by: J. Kunkel Received by: T. A. All Received by: J. Kunkel</p>					
<p>Cooler Temperature(s) °C and Other Remarks:</p>					

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pierce</u>	Lab P/M: <u>Stone, Judy L</u>	Carrier Tracking No(s):	COC No: <u>460-74091-45571.3</u>		
Client Contact: Ms. Regina Camilli		Phone: <u>518-453-4100</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Page # <u>13</u>	Page # <u>13</u>		
Company: CHA Inc		Job #:					
Address: 111 Wimmers Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269		Due Date Requested: <u>5 - DAY</u>		Analysis Requested			
Phone: 453-4500(Tel) Email: <u>rcamilli@chacompanies.com</u>		TAT Requested (days): <u>5 - DAY</u>					
Project Name: Bergen County, NJ		PO #: <u>31521.1000.44200</u>					
Site: <u></u>		WO #: <u></u>					
Project #: <u>46020240</u>		SSOW#: <u></u>					
Sample Identification		Sample Date: <u>7-6-10</u>	Sample Time: <u>9:25</u>	Sample Type: <u>G</u>	Matrix: <u>Water</u>	Special Instructions/Note:	
H-300C-CS-02B		7-6-10	9:25	G	Water	<u>Please hold sample</u>	
H-300C-DF-10A		7-6-10	7:00	I	Water	<u>Please hold sample</u>	
H-300C-DF-10B		7-6-10	7:03	I	Water	<u>Please hold sample</u>	
H-300C-CS-01A		7-6-10	9:30	I	Water	<u>Please hold sample</u>	
H-300C-CS-01B		7-6-10	9:31	I	Water	<u>Please hold sample</u>	
H-300C-IM-01A		7-6-10	9:32	I	Water	<u>Please hold sample</u>	
H-300C-CS-02A		7-6-10	9:48	I	Water	<u>Please hold sample</u>	
H-300C-CS-02R		7-6-10	9:19	I	Water	<u>Please hold sample</u>	
H-300C-VS-03A		7-6-10	10:28	I	Water	<u>Please hold sample</u>	
H-300C-VS-03B		7-6-10	10:39	I	Water	<u>Please hold sample</u>	
H-300C-DF-11A		7-6-10	7:11	V	Water	<u>Please hold sample</u>	
Possible Hazard Identification		Date: <u>7-6-10</u>	Time: <u>15:12</u>	Method of Shipm:			
<input checked="" type="checkbox"/> Non-Hazard		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
<input type="checkbox"/> Flammable		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
<input type="checkbox"/> Skin Irritant		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
<input type="checkbox"/> Poison A		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
<input type="checkbox"/> Unknown		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
<input type="checkbox"/> Radiological		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:	
Empty Kit Relinquished by: <u>Elizabeth Woods</u>		Date: <u>7-6-10</u>	Time: <u>15:12</u>	Method of Shipm:			
Relinquished by: <u>Elizabeth Woods</u>		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
Relinquished by: <u>Tim Hill</u>		Date/Time: <u>7-6-10 15:12</u>	Time: <u>15:12</u>	Received by: <u>Tim Hill</u>	Disposal By Lab:	Archive For:	Months:
Custody Seals Intact: △ Yes ▲ No						Colder Temperature(s) °C and Other Remarks: <u>0.2, 0.8, 0.4 #1</u>	

amplifier: Diesel Lab PM:

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pierce</u>	Lab PM: Stone, Judy L	Carrier Tracking No(s):
Client Contact: Ms. Regina Camilli		Phone: 518-453-4500	E-mail: judy.stone@testamericainc.com	Job #:
Company: CHA Inc				

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil/Water, Tissue, Air)	Special Instructions/Note:	
					Total Number of Containers	Preservation Codes:
H-200C-CS-OSA	7-6-16	9:50	G	Water	✓	200.8 - CCP Metabolites Single Element
H-200C-CS-OSB		9:51	I	Water		Request Sample
H-200C-CS-OCA		9:52	J	Water		Please hold sample
H-200C-BF-01B		9:53	K	Water		Please hold sample
H-200C-KS-OHA		9:57	L	Water		Please hold sample
H-200C-KS-04B		9:58	M	Water		Please hold sample
H-200C-BF-01A		1:32	N	Water		Please hold sample
H-200C-BF-01B		1:32	O	Water		Please hold sample
H-200C-KS-OSA		7:00	P	Water		Please hold sample
H-200C-KS-OSB		7:01	Q	Water		Please hold sample
H-200C-BF-02A		7:02	R	Water		Please hold sample
<input type="checkbox"/> 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					<input type="checkbox"/> Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months	
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment		
Relinquished by: <u>Egbert Wier</u>		Date/Time: 7-6-16/15:00	Received by: <u>Judy L</u>	Received by: <u>Judy L</u>	Date/Time: 7-6-16/15:00	Company: TestAmerica
Relinquished by: <u>Regina Camilli</u>		Date/Time: 7-6-16/18:00	Received by: <u>Judy L</u>	Received by: <u>Judy L</u>	Date/Time: 7-7-16/00:00	Company: TestAmerica
Relinquished by:		Date/Time:	Time:	Cooler Temperature(s) °C and Other Remarks:		
				0.8, 0.9, 0.2 #1		
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.:				

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pieter</u>		Lab PM: <u>Judy L</u>		Carrier Tracking No(s):		COC No: 460-74091-45571-6		
Client Contact:	Ms. Regina Camilli	Phone:	518-453-4500	E-Mail:	judy.stone@testamericainc.com	Page:	Pages of 12	Job #:		
Analysis Requested										
<p>Due Date Requested: <u>5- DAY</u></p> <p>TAT Requested (days): <u>31521.1000.44200</u></p> <p>PO #: <u>WFO#</u></p> <p>Project #: <u>46020240</u></p> <p>SSOW#:</p>										
<p>Total Number of Contaminants: <u>200.8 - ICP Metals Single Element</u></p> <p>Perfumed MS/MSD (Yes or No): <u>Yes</u></p> <p>Field labeled Sample (Yes or No): <u>No</u></p>										
<p>Special Instructions/Note:</p> <p><u>Please void sample</u></p>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Sample Matrix (H=water, S=sand, C=coated, B=biomass, A=Air)	Preservation Codes	D			
H-200C-BF-02B	7-6-10	7:03	G	Water	✓					
H-200C-KS-01A		7:05	I	Water						
H-200C-YS-01B		7:09	I	Water						
H-200C-NS-01A		7:53	I	Water						
H-200C-NS-01B		7:54	I	Water						
H-200C-DF-15A		8:05	I	Water						
H-200C-DF-15B		8:06	I	Water						
H-200C-BF-03A		8:10	I	Water						
H-200C-BF-03B		8:13	I	Water						
H-200C-CS-22A		7:58	I	Water	✓					
H-200C-CS-22B		7:58	✓	Water						
<p>Possible Hazard Identification</p> <p><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable</p> <p><input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological</p>										
<p>Deliverable Requested: I, II, III, IV, Other (specify)</p>										
<p>Empty Kit Relinquished by: <u>Edgardo Diaz</u></p>										
<p>Relinquished by: <u>Edgardo Diaz</u></p>										
<p>Relinquished by: <u>Edgardo Diaz</u></p>										
<p>Custody Seals Intact: <input type="checkbox"/> Custody Seal No.: <u>08/04/02 #1</u></p>										
<p>△ Yes △ No</p>										
<p>Special Instructions/QC Requirements:</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months</p>										
<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p>										
<p>Date/Time: <u>7-6-10 15:13</u> Received by: <u>JL</u> Method of Shipment: <u>Carrier</u></p>										
<p>Date/Time: <u>7-6-10 18:03</u> Received by: <u>JL</u> Date/Time: <u>7-6-10 15:12</u> Company: <u>TestAmerica</u></p>										
<p>Date/Time: <u>7-6-10 18:03</u> Received by: <u>JL</u> Date/Time: <u>7-7-16 02:00</u> Company: <u>TestAmerica</u></p>										
<p>Date/Time: <u>7-6-10 18:03</u> Received by: <u>JL</u> Date/Time: <u>7-7-16 02:00</u> Company: <u>TestAmerica</u></p>										
<p>Cooler Temperature(s) °C and Other Remarks:</p>										

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Prestre	Lab PM: Stone, Judy L	Carrier Tracking No(s): 460-74091-45571-7
Company: CHA Inc	Address: 111 Winters Circle PO BOX 52269	Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com	Page 6 of 19
Analysis Requested				
<p>Preservation Codes:</p> <p>A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - NaOH R - Na2SO3 G - Ammonium S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCA K - EDTA W - pH 4.5 L - EDA Z - other (specify)</p> <p>Other:</p>				
<p>Total Number of Containers: 200.8 - ICP Metals Single Element</p> <p>Field Filled-in Sample ID's (Yes or No): Yes</p>				
Special Instructions/Note:				
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=air)
H-200C-CS-07A	7-6-16	8:03	G	Water ✓
H-200C-CS-07B		8:02	I	Water
H-200C-CS-08A		8:00	I	Water
H-200C-CS-08B		8:00	I	Water
H-200C-CS-09A		8:05	I	Water
H-200C-CS-09B		8:05	I	Water
H-200C-CS-10A		8:07	I	Water
H-200C-CS-10B		8:07	I	Water
H-200C-DF-11A		7:57	I	Water
H-200C-DF-11B		8:00	I	Water
H-200C-CS-14A		8:15	I	Water
<p>Possible Hazard Identification</p> <p><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</p>				
<p>Deliverable Requested: I, II, III, IV, Other (specify)</p>				
<p>Empty Kit Relinquished by: Edgarlet Wur Date: 7-6-16/1510 Company Received by: Jill Date/Time: 7-6-16 1512 Company</p>				
<p>Relinquished by: Jill Date/Time: 7-6-16 1820 Company Received by: TIA ALS Date/Time: 7-7-16 0200 Company</p>				
<p>Relinquished by: Date/Time: Company</p>				
<p>Custody Seals Intact <input type="checkbox"/> Custody Seal No.: 080402 #1 Cooler Temperature(s) °C and Other Remarks:</p>				
<p>Special Instructions/QC Requirements:</p> <p><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months</p>				
<p>Method of Shipment:</p>				

TestAmerica Edison

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Rese</u>		Lab PM: <u>Stone, Judy L</u>		Carrier Tracking No(s): CCC No: 460-74091-45571-8																																																																																																																																																	
Client Contact: Ms. Regina Camilli		Phone: <u>518-453-4500</u>		E-Mail: <u>judy.stone@testamericainc.com</u>		Page <u>7</u> of <u>25</u> Job #:																																																																																																																																																	
Analysis Requested																																																																																																																																																							
<input type="checkbox"/> Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Na2O4S P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - H2SO4 S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCA K - EDTA W - pH 4.5 L - EDA Z - other specify Other: _____																																																																																																																																																							
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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <i>Judy Stone</i>	Lab P.M.: Stone, Judy L.	Carrier Tracking No(s): COG No: 460-74091-45571.9
		Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com	Page: 5 of 342
Address: CHA Inc		Due Date Requested: <i>5 - DAY</i>	Analysis Requested	
City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel) Email: rcamilli@chacompanies.com Project Name: Bergen County, NJ Site:		TAT Requested (days): PO #: 31521-1000-44200 WFO #: Project #: 46020240 SSOW#:	Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchors H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
200.8 - ICP Metals Single Element Performs ICP Sample (Yes or No)		Total Number of Containers:	Special Instructions/Note:	
Sample Identification		Sample Date Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=Air)
		7-19-10 8:33	C	Water
<i>H-200C-CS-21A</i>		1 8:33	1	Water
<i>H-200C-CS-21B</i>		1 7:35	1	Water
<i>H-200C-KS-07A</i>		1 7:36	1	Water
<i>H-200C-KS-08A</i>		1 7:37	1	Water
<i>H-200C-KS-08B</i>		1 7:38	1	Water
<i>H-200C-KS-09A</i>		1 7:39	1	Water
<i>H-200C-KS-09B</i>		1 7:30	1	Water
<i>H-200C-KS-10A</i>		1 7:32	1	Water
<i>H-200C-KS-10B</i>		1 7:33	1	Water
<i>H-200C-KS-11A</i>		1 7:34	1	Water
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		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab		Method of Shipment: <input type="checkbox"/> Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:		
Empty Kit Relinquished by: <i>J. J. Kellner</i>		Date: 7-16-16/1510	Time: Company	Received by: <i>John Kellner</i> Date/Time: 7-16-16 1512 Company
Relinquished by: <i>J. J. Kellner</i>		Date/Time: 7-6-16 1802	Company	Received by: <i>John Kellner</i> Date/Time: 7-7-16 0200 Company
Relinquished by: <i>J. J. Kellner</i>		Date/Time:	Company	Received by: Date/Time:
Custody Seal Intact: <input checked="" type="checkbox"/> Custody Seal No.: <i>05.04.02 #1</i> <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s), °C and Other Remarks:		

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Client Contact: Ms. Regina Camilli		Phone: <u>518-453-4200</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Page <u>1</u> of <u>12</u>																																																																																											
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Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

Client Information

Client Contact:

Ms. Regina Camilli

Company:

CHA Inc

Address:

111 Wiflers Circle PO BOX 5269

City:

Albany

State, Zip:

NY, 12205-0269

Phone:

518-453-4500(Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Sample Details

Sample:

Precise

Date Requested:

TAT Requested (days):

5 - DAY

Phone:

518-453-0506

E-Mail:

judy.stone@testamericainc.com

Analysis Requested

Carrier Tracking No(s):

COC No:

Page:

12

Job #:

12

Preservation Codes:

A - HCl

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

G - Anochlor

H - Ascorbic Acid

I - Ice

J - DI Water

K - EDTA

L - EDA

Other:

Total Number of Containers:

M - Hexane

N - None

O - AsNaO2

P - Na2O4S

Q - Na2SO3

R - H2SO4

S - H2O4

T - TSP Dodecylhydrate

U - Acetone

V - MCA

W - ph 4.5

Z - other specify

Performs/MS/MS/MSD (Yes or No)

Project #:

46020240

SSOW#:

Field Prepared Sample (Yes or No)

Field Date:

7/10/10

Field Time:

8:00

Preservation Code:

D

Matrix

(Water,

Soil,

Organic,

etc.)

Sample Date:

7/10/10

Sample Time:

8:01

Sample Type:

C=Comp,

G=grab

Preservation Code:

G

Special Instructions/Note:

200.8 - ICP Metals Single Element

Please Hold Sample (Yes or No)

Project #:

31521-1000-44200

WO #:

rcamilli@chacompanies.com

Empty Kit Relinquished by:

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Regina Worr

Date/Time:

7-6-10 / 1513

Company:

TestAmerica

Custody Seal Intact: Yes □ No △

Custody Seal No.:

#1

Method of Shipment:

Return To Client

Disposal By Lab

Archive For Months:

Special Instructions/QC Requirements:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client

Disposal By Lab

Special Instructions/QC Requirements:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information
Client Contact:
Ms. Regina Camilli

Address:
111 Winers Circle PO BOX 5269
City:
Albany
State/Zip:
NY, 12205-0269
Phone:
518-453-4500(Tel)
Email:
rcamilli@chacompanies.com
Project Name:
Bergen County, NJ
Site:

Sampler: **Resce**
Phone: **518-453-4500**
COC No:
460-7409-45571-13
Page:
11 of **12**
Job#:

Carrier Tracking No(s):
Stone, Judy L
E-Mail:
judy.stone@testamericainc.com

Analysis Requested

Due Date Requested:	TAT Requested (days):	5 - Day		
Address:	PO #:	31521-1000-44200		
City:	VO #:			
State/Zip:	Project #:	146020240		
Phone:	SSOW#:			

200.8 - ICP Metals Single Element
PerkinElmer MS/MSD (Yes or No)

Field Filled Sample (Yes or No)

Printed Sample (Yes or No)

Preservation Codes:
Carrier Tracking No(s):

- A - HCl
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - Na2O4S
- F - MeOH
- G - Anchor
- H - Ascorbic Acid
- I - Ice
- J - DI Water
- K - EDTA
- L - EDA
- Other:

Special Instructions/Note:

- M - Hexane
- N - None
- O - Ash/o2
- P - Na2O4S
- Q - Na2SO3
- R - Na2SSO3
- S - H2SO4
- T - TSP Dodecylamine
- U - Acetone
- V - MCAA
- W - pH 4-5
- Z - other (specify)

Total Number of Contaminants:

1

Method of Shipment:

Return To Client

Disposal By Lab

Archive For Months

Special Instructions/QC Requirements:

Please Hold Sample

Sample Identification

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sewer, Soil, Oil, Bt/Fish, Ash/ATR)	Preservation Code:
H-200A-DF-02A	7-10-10	10:23	G	Water	D
H-200A-DF-02B		10:23	1	Water	
H-200A-KS-02A		10:15	1	Water	
H-200A-KS-02B		10:15	1	Water	
H-200A-KS-03A		10:20	1	Water	
H-300A-KS-03B		10:20	1	Water	
H-395-NS-01A		7:10	1	Water	
H-395-NS-01B		7:10	1	Water	
H-395-KS-02A		7:13	1	Water	
H-395-KS-02B		7:13	1	Water	
H-395-KS-03A		7:21	1	Water	

Possible Hazard Identification

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102686-1

Login Number: 102686

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher 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.	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: 480-102686-1

Login Number: 102686

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.

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: 480-102772-1

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:

7/25/2016 11:35:06 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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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: 480-102772-1

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.
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation

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: 480-102772-1

Job ID: 480-102772-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102772-1

Receipt

The samples were received on 7/8/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.1° C.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-DF-03A

Lab Sample ID: 480-102772-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-01A

Lab Sample ID: 480-102772-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	43.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-02A

Lab Sample ID: 480-102772-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	110		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-03A

Lab Sample ID: 480-102772-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-04A

Lab Sample ID: 480-102772-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-05A

Lab Sample ID: 480-102772-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-DF-04A

Lab Sample ID: 480-102772-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-NS-01A

Lab Sample ID: 480-102772-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-NS-02A

Lab Sample ID: 480-102772-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-NS-03A

Lab Sample ID: 480-102772-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	512		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-06A

Lab Sample ID: 480-102772-21

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-CS-06A (Continued)

Lab Sample ID: 480-102772-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-07A

Lab Sample ID: 480-102772-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-08A

Lab Sample ID: 480-102772-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-02A

Lab Sample ID: 480-102772-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	58.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-03A

Lab Sample ID: 480-102772-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	65.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-04A

Lab Sample ID: 480-102772-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-05A

Lab Sample ID: 480-102772-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	47.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-09A

Lab Sample ID: 480-102772-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	56.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-10A

Lab Sample ID: 480-102772-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-11A

Lab Sample ID: 480-102772-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	120		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-06A

Lab Sample ID: 480-102772-41

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-KS-06A (Continued)

Lab Sample ID: 480-102772-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-NS-01A

Lab Sample ID: 480-102772-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-03A

Lab Sample ID: 480-102772-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-04A

Lab Sample ID: 480-102772-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-05A

Lab Sample ID: 480-102772-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-06A

Lab Sample ID: 480-102772-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-07A

Lab Sample ID: 480-102772-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.54	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-DF-03A

Lab Sample ID: 480-102772-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-01A

Lab Sample ID: 480-102772-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	40.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-02A

Lab Sample ID: 480-102772-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-03A

Lab Sample ID: 480-102772-61

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-CS-03A (Continued)

Lab Sample ID: 480-102772-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-DF-04A

Lab Sample ID: 480-102772-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-04A

Lab Sample ID: 480-102772-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	768	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-05A

Lab Sample ID: 480-102772-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	59.6	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-DF-05A

Lab Sample ID: 480-102772-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.41	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-08A

Lab Sample ID: 480-102772-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-09A

Lab Sample ID: 480-102772-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-KS-10A

Lab Sample ID: 480-102772-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.86	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-DF-06A

Lab Sample ID: 480-102772-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-06A

Lab Sample ID: 480-102772-79

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: P-275/285-CS-07A

Lab Sample ID: 480-102772-81

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-CS-07A (Continued)

Lab Sample ID: 480-102772-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	422	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-08A

Lab Sample ID: 480-102772-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-09A

Lab Sample ID: 480-102772-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-IM-01A

Lab Sample ID: 480-102772-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.87	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-KS-01A

Lab Sample ID: 480-102772-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	23.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-KS-02A

Lab Sample ID: 480-102772-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-DF-01A

Lab Sample ID: 480-102772-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	36.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-SF-01A

Lab Sample ID: 480-102772-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	30.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-SF-02A

Lab Sample ID: 480-102772-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-14A

Lab Sample ID: 480-102772-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-15A

Lab Sample ID: 480-102772-100

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: H-200C-KS-15A (Continued)

Lab Sample ID: 480-102772-100

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.86	J	1.0	0.17	ug/L	1		200.8	Total/NA

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: 480-102772-1

Client Sample ID: P-333-DF-03A

Date Collected: 07/07/16 07:23
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.9		1.0	0.17	ug/L		07/12/16 17:30	07/13/16 05:13	1

Client Sample ID: P-333-CS-01A

Date Collected: 07/07/16 06:28
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	43.4		1.0	0.17	ug/L		07/12/16 17:30	07/13/16 05:24	1

Client Sample ID: P-333-CS-02A

Date Collected: 07/07/16 06:22
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		1.0	0.17	ug/L		07/12/16 17:30	07/13/16 05:27	1

Client Sample ID: P-333-CS-03A

Date Collected: 07/07/16 06:22
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.5		1.0	0.17	ug/L		07/12/16 17:30	07/13/16 05:29	1

Client Sample ID: P-333-CS-04A

Date Collected: 07/07/16 06:28
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11.4		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:15	1

Client Sample ID: P-333-CS-05A

Date Collected: 07/07/16 06:32
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.0		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:18	1

Client Sample ID: P-333-DF-04A

Date Collected: 07/07/16 07:19
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.8		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:21	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-NS-01A

Lab Sample ID: 480-102772-15

Date Collected: 07/07/16 06:39
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:23	1

Client Sample ID: P-333-NS-02A

Lab Sample ID: 480-102772-17

Date Collected: 07/07/16 06:41
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.4		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:26	1

Client Sample ID: P-333-NS-03A

Lab Sample ID: 480-102772-19

Date Collected: 07/07/16 06:44
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	512		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:29	1

Client Sample ID: P-333-CS-06A

Lab Sample ID: 480-102772-21

Date Collected: 07/07/16 06:45
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.9		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:32	1

Client Sample ID: P-333-CS-07A

Lab Sample ID: 480-102772-23

Date Collected: 07/07/16 06:48
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.4		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:34	1

Client Sample ID: P-333-CS-08A

Lab Sample ID: 480-102772-25

Date Collected: 07/07/16 06:52
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.8		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:37	1

Client Sample ID: P-333-KS-02A

Lab Sample ID: 480-102772-27

Date Collected: 07/07/16 06:49
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	58.7		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:40	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-KS-03A

Lab Sample ID: 480-102772-29

Date Collected: 07/07/16 06:56
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	65.0		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:50	1

Client Sample ID: P-333-KS-04A

Lab Sample ID: 480-102772-31

Date Collected: 07/07/16 06:51
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.0		1.0	0.17	ug/L		07/12/16 17:30	07/22/16 00:52	1

Client Sample ID: P-333-KS-05A

Lab Sample ID: 480-102772-33

Date Collected: 07/07/16 06:53
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	47.0		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:10	1

Client Sample ID: P-333-CS-09A

Lab Sample ID: 480-102772-35

Date Collected: 07/07/16 06:56
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	56.2		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:28	1

Client Sample ID: P-333-CS-10A

Lab Sample ID: 480-102772-37

Date Collected: 07/07/16 07:03
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.8		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:31	1

Client Sample ID: P-333-CS-11A

Lab Sample ID: 480-102772-39

Date Collected: 07/07/16 07:00
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:33	1

Client Sample ID: P-333-KS-06A

Lab Sample ID: 480-102772-41

Date Collected: 07/07/16 07:01
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.3		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:36	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-NS-01A

Lab Sample ID: 480-102772-43

Date Collected: 07/07/16 07:18
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.7		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:39	1

Client Sample ID: P-275/285-KS-03A

Lab Sample ID: 480-102772-45

Date Collected: 07/07/16 08:36
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:42	1

Client Sample ID: P-275/285-KS-04A

Lab Sample ID: 480-102772-47

Date Collected: 07/07/16 08:43
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.2		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:45	1

Client Sample ID: P-275/285-KS-05A

Lab Sample ID: 480-102772-49

Date Collected: 07/07/16 08:45
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:47	1

Client Sample ID: P-275/285-KS-06A

Lab Sample ID: 480-102772-51

Date Collected: 07/07/16 08:29
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:50	1

Client Sample ID: P-275/285-KS-07A

Lab Sample ID: 480-102772-53

Date Collected: 07/07/16 08:42
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.54	J	1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:53	1

Client Sample ID: P-275/285-DF-03A

Lab Sample ID: 480-102772-55

Date Collected: 07/07/16 07:23
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.5		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 02:02	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-CS-01A

Lab Sample ID: 480-102772-57

Date Collected: 07/07/16 07:41
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	40.1		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 02:05	1

Client Sample ID: P-275/285-CS-02A

Lab Sample ID: 480-102772-59

Date Collected: 07/07/16 07:44
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.5		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 02:08	1

Client Sample ID: P-275/285-CS-03A

Lab Sample ID: 480-102772-61

Date Collected: 07/07/16 07:59
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.0		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 02:10	1

Client Sample ID: P-275/285-DF-04A

Lab Sample ID: 480-102772-63

Date Collected: 07/07/16 08:18
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.1		1.0	0.17	ug/L		07/12/16 18:15	07/22/16 02:13	1

Client Sample ID: P-275/285-CS-04A

Lab Sample ID: 480-102772-65

Date Collected: 07/07/16 07:58
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	768 B		1.0	0.17	ug/L		07/14/16 08:51	07/21/16 19:36	1

Client Sample ID: P-275/285-CS-05A

Lab Sample ID: 480-102772-67

Date Collected: 07/07/16 08:00
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	59.6 B		1.0	0.17	ug/L		07/14/16 08:51	07/21/16 19:41	1

Client Sample ID: P-275/285-DF-05A

Lab Sample ID: 480-102772-69

Date Collected: 07/07/16 08:11
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.41 J		1.0	0.17	ug/L		07/12/16 19:00	07/22/16 02:52	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-KS-08A

Lab Sample ID: 480-102772-71

Date Collected: 07/07/16 07:10
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11.9		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 02:54	1

Client Sample ID: P-275/285-KS-09A

Lab Sample ID: 480-102772-73

Date Collected: 07/07/16 08:24
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.0		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 02:57	1

Client Sample ID: P-275/285-KS-10A

Lab Sample ID: 480-102772-75

Date Collected: 07/07/16 08:13
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.86	J	1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:00	1

Client Sample ID: P-275/285-DF-06A

Lab Sample ID: 480-102772-77

Date Collected: 07/07/16 08:56
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.4		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:03	1

Client Sample ID: P-275/285-CS-06A

Lab Sample ID: 480-102772-79

Date Collected: 07/07/16 08:38
Date Received: 07/08/16 02:00

Matrix: Water

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	D	07/12/16 19:00	07/22/16 03:05	1

Client Sample ID: P-275/285-CS-07A

Lab Sample ID: 480-102772-81

Date Collected: 07/07/16 08:41
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	422	B	1.0	0.17	ug/L	D	07/14/16 08:51	07/21/16 19:47	1

Client Sample ID: P-275/285-CS-08A

Lab Sample ID: 480-102772-83

Date Collected: 07/07/16 08:46
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.3		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:18	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-CS-09A

Lab Sample ID: 480-102772-85

Date Collected: 07/07/16 08:50
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.7	B	1.0	0.17	ug/L	D	07/14/16 08:51	07/21/16 19:52	1

Client Sample ID: P-275/285-IM-01A

Lab Sample ID: 480-102772-87

Date Collected: 07/07/16 08:18
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.87	J	1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:23	1

Client Sample ID: H-200E-KS-01A

Lab Sample ID: 480-102772-88

Date Collected: 07/07/16 06:24
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	23.9		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 15:49	1

Client Sample ID: H-200E-KS-02A

Lab Sample ID: 480-102772-90

Date Collected: 07/07/16 06:27
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.4		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:29	1

Client Sample ID: H-200E-DF-01A

Lab Sample ID: 480-102772-92

Date Collected: 07/07/16 06:30
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	36.5		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:32	1

Client Sample ID: H-200E-SF-01A

Lab Sample ID: 480-102772-94

Date Collected: 07/07/16 06:36
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	30.3		1.0	0.17	ug/L	D	07/12/16 19:00	07/22/16 03:34	1

Client Sample ID: H-200E-SF-02A

Lab Sample ID: 480-102772-96

Date Collected: 07/07/16 06:39
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.2		1.0	0.17	ug/L	D	07/12/16 19:45	07/21/16 21:01	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: H-200C-KS-14A

Lab Sample ID: 480-102772-98

Date Collected: 07/07/16 06:11
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2		1.0	0.17	ug/L		07/12/16 19:45	07/21/16 21:06	1

Client Sample ID: H-200C-KS-15A

Lab Sample ID: 480-102772-100

Date Collected: 07/07/16 06:13
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.86	J	1.0	0.17	ug/L		07/12/16 19:45	07/21/16 21:12	1

QC Sample Results

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

TestAmerica Job ID: 480-102772-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-310753/1-A

Matrix: Water

Analysis Batch: 311159

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/12/16 17:30	07/13/16 05:07	1

Lab Sample ID: LCS 480-310753/2-A

Matrix: Water

Analysis Batch: 311159

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	21.56		ug/L		108	85 - 115

Lab Sample ID: 480-102772-1 MS

Matrix: Water

Analysis Batch: 311159

Client Sample ID: P-333-DF-03A

Prep Type: Total/NA

Prep Batch: 310753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	8.9		20.0	29.59		ug/L		103	70 - 130

Lab Sample ID: 480-102772-1 MSD

Matrix: Water

Analysis Batch: 311159

Client Sample ID: P-333-DF-03A

Prep Type: Total/NA

Prep Batch: 310753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Lead	8.9		20.0	30.32		ug/L		107	70 - 130	2	20

Lab Sample ID: 480-102772-31 MS

Matrix: Water

Analysis Batch: 312473

Client Sample ID: P-333-KS-04A

Prep Type: Total/NA

Prep Batch: 310753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	9.0		20.0	31.03		ug/L		110	70 - 130

Lab Sample ID: 480-102772-31 MSD

Matrix: Water

Analysis Batch: 312473

Client Sample ID: P-333-KS-04A

Prep Type: Total/NA

Prep Batch: 310753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Lead	9.0		20.0	29.33		ug/L		102	70 - 130	6	20

Lab Sample ID: MB 480-310755/1-A

Matrix: Water

Analysis Batch: 312473

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310755

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/12/16 18:15	07/22/16 01:05	1

Lab Sample ID: LCS 480-310755/2-A

Matrix: Water

Analysis Batch: 312473

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310755

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	22.71		ug/L		114	85 - 115

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-102772-1

1

Lab Sample ID: 480-102772-33 MS
Matrix: Water
Analysis Batch: 312473

Client Sample ID: P-333-KS-05A
Prep Type: Total/NA
Prep Batch: 310755

2

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
						ug/L			Limits
Lead	47.0		20.0	69.80			114		70 - 130

3

4

5

Lab Sample ID: 480-102772-33 MSD
Matrix: Water
Analysis Batch: 312473

Client Sample ID: P-333-KS-05A
Prep Type: Total/NA
Prep Batch: 310755

6

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.
						ug/L			RPD
Lead	47.0		20.0	68.66			108		70 - 130

7

8

Lab Sample ID: 480-102772-63 MS
Matrix: Water
Analysis Batch: 312473

Client Sample ID: P-275/285-DF-04A
Prep Type: Total/NA
Prep Batch: 310755

9

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
						ug/L			Limits
Lead	5.1		20.0	26.67			108		70 - 130

10

11

Lab Sample ID: 480-102772-63 MSD
Matrix: Water
Analysis Batch: 312473

Client Sample ID: P-275/285-DF-04A
Prep Type: Total/NA
Prep Batch: 310755

12

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.
						ug/L			RPD
Lead	5.1		20.0	26.37			106		70 - 130

13

14

Lab Sample ID: MB 480-310756/1-A
Matrix: Water
Analysis Batch: 312473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310756

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
					ug/L				
Lead	0.17	U	1.0	0.17			07/12/16 19:00	07/22/16 02:25	1

15

Lab Sample ID: LCS 480-310756/2-A
Matrix: Water
Analysis Batch: 312473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
				ug/L			
Lead	20.0	21.26			106		85 - 115

16

Lab Sample ID: 480-102772-94 MS
Matrix: Water
Analysis Batch: 312473

Client Sample ID: H-200E-SF-01A
Prep Type: Total/NA
Prep Batch: 310756

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
						ug/L			Limits
Lead	30.3		20.0	51.38			106		70 - 130

17

Lab Sample ID: 480-102772-94 MSD
Matrix: Water
Analysis Batch: 312473

Client Sample ID: H-200E-SF-01A
Prep Type: Total/NA
Prep Batch: 310756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.
						ug/L			RPD
Lead	30.3		20.0	50.67			102		70 - 130

18

19

20

QC Sample Results

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

TestAmerica Job ID: 480-102772-1

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

Lab Sample ID: MB 480-310757/1-A

Matrix: Water

Analysis Batch: 312471

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310757

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/12/16 19:45	07/21/16 20:50	1

Lab Sample ID: LCS 480-310757/2-A

Matrix: Water

Analysis Batch: 312471

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	21.17		ug/L		106	85 - 115

Lab Sample ID: MB 480-310966/1-A

Matrix: Water

Analysis Batch: 312470

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.865	J	1.0	0.17	ug/L		07/14/16 08:51	07/21/16 18:58	1

Lab Sample ID: LCS 480-310966/2-A

Matrix: Water

Analysis Batch: 312470

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	21.04		ug/L		105	85 - 115

QC Association Summary

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

TestAmerica Job ID: 480-102772-1

Metals

Prep Batch: 310753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-1	P-333-DF-03A	Total/NA	Water	200 Series	1
480-102772-3	P-333-CS-01A	Total/NA	Water	200 Series	2
480-102772-5	P-333-CS-02A	Total/NA	Water	200 Series	3
480-102772-7	P-333-CS-03A	Total/NA	Water	200 Series	4
480-102772-9	P-333-CS-04A	Total/NA	Water	200 Series	5
480-102772-11	P-333-CS-05A	Total/NA	Water	200 Series	6
480-102772-13	P-333-DF-04A	Total/NA	Water	200 Series	7
480-102772-15	P-333-NS-01A	Total/NA	Water	200 Series	8
480-102772-17	P-333-NS-02A	Total/NA	Water	200 Series	9
480-102772-19	P-333-NS-03A	Total/NA	Water	200 Series	10
480-102772-21	P-333-CS-06A	Total/NA	Water	200 Series	11
480-102772-23	P-333-CS-07A	Total/NA	Water	200 Series	12
480-102772-25	P-333-CS-08A	Total/NA	Water	200 Series	13
480-102772-27	P-333-KS-02A	Total/NA	Water	200 Series	14
480-102772-29	P-333-KS-03A	Total/NA	Water	200 Series	
480-102772-31	P-333-KS-04A	Total/NA	Water	200 Series	
MB 480-310753/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-310753/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102772-1 MS	P-333-DF-03A	Total/NA	Water	200 Series	
480-102772-1 MSD	P-333-DF-03A	Total/NA	Water	200 Series	
480-102772-31 MS	P-333-KS-04A	Total/NA	Water	200 Series	
480-102772-31 MSD	P-333-KS-04A	Total/NA	Water	200 Series	

Prep Batch: 310755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-33	P-333-KS-05A	Total/NA	Water	200 Series	1
480-102772-35	P-333-CS-09A	Total/NA	Water	200 Series	2
480-102772-37	P-333-CS-10A	Total/NA	Water	200 Series	3
480-102772-39	P-333-CS-11A	Total/NA	Water	200 Series	4
480-102772-41	P-333-KS-06A	Total/NA	Water	200 Series	5
480-102772-43	P-275/285-NS-01A	Total/NA	Water	200 Series	6
480-102772-45	P-275/285-KS-03A	Total/NA	Water	200 Series	7
480-102772-47	P-275/285-KS-04A	Total/NA	Water	200 Series	8
480-102772-49	P-275/285-KS-05A	Total/NA	Water	200 Series	9
480-102772-51	P-275/285-KS-06A	Total/NA	Water	200 Series	10
480-102772-53	P-275/285-KS-07A	Total/NA	Water	200 Series	11
480-102772-55	P-275/285-DF-03A	Total/NA	Water	200 Series	12
480-102772-57	P-275/285-CS-01A	Total/NA	Water	200 Series	13
480-102772-59	P-275/285-CS-02A	Total/NA	Water	200 Series	14
480-102772-61	P-275/285-CS-03A	Total/NA	Water	200 Series	
480-102772-63	P-275/285-DF-04A	Total/NA	Water	200 Series	
MB 480-310755/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-310755/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102772-33 MS	P-333-KS-05A	Total/NA	Water	200 Series	
480-102772-33 MSD	P-333-KS-05A	Total/NA	Water	200 Series	
480-102772-63 MS	P-275/285-DF-04A	Total/NA	Water	200 Series	
480-102772-63 MSD	P-275/285-DF-04A	Total/NA	Water	200 Series	

Prep Batch: 310756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-69	P-275/285-DF-05A	Total/NA	Water	200 Series	

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102772-1

Metals (Continued)

Prep Batch: 310756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-71	P-275/285-KS-08A	Total/NA	Water	200 Series	5
480-102772-73	P-275/285-KS-09A	Total/NA	Water	200 Series	5
480-102772-75	P-275/285-KS-10A	Total/NA	Water	200 Series	5
480-102772-77	P-275/285-DF-06A	Total/NA	Water	200 Series	6
480-102772-79	P-275/285-CS-06A	Total/NA	Water	200 Series	7
480-102772-83	P-275/285-CS-08A	Total/NA	Water	200 Series	8
480-102772-87	P-275/285-IM-01A	Total/NA	Water	200 Series	8
480-102772-88	H-200E-KS-01A	Total/NA	Water	200 Series	8
480-102772-90	H-200E-KS-02A	Total/NA	Water	200 Series	9
480-102772-92	H-200E-DF-01A	Total/NA	Water	200 Series	9
480-102772-94	H-200E-SF-01A	Total/NA	Water	200 Series	9
MB 480-310756/1-A	Method Blank	Total/NA	Water	200 Series	10
LCS 480-310756/2-A	Lab Control Sample	Total/NA	Water	200 Series	11
480-102772-94 MS	H-200E-SF-01A	Total/NA	Water	200 Series	11
480-102772-94 MSD	H-200E-SF-01A	Total/NA	Water	200 Series	12

Prep Batch: 310757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-96	H-200E-SF-02A	Total/NA	Water	200 Series	13
480-102772-98	H-200C-KS-14A	Total/NA	Water	200 Series	14
480-102772-100	H-200C-KS-15A	Total/NA	Water	200 Series	14
MB 480-310757/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-310757/2-A	Lab Control Sample	Total/NA	Water	200 Series	

Prep Batch: 310966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-65	P-275/285-CS-04A	Total/NA	Water	200.8	
480-102772-67	P-275/285-CS-05A	Total/NA	Water	200.8	
480-102772-81	P-275/285-CS-07A	Total/NA	Water	200.8	
480-102772-85	P-275/285-CS-09A	Total/NA	Water	200.8	
MB 480-310966/1-A	Method Blank	Total/NA	Water	200.8	
LCS 480-310966/2-A	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 311159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-1	P-333-DF-03A	Total/NA	Water	200.8	310753
480-102772-3	P-333-CS-01A	Total/NA	Water	200.8	310753
480-102772-5	P-333-CS-02A	Total/NA	Water	200.8	310753
480-102772-7	P-333-CS-03A	Total/NA	Water	200.8	310753
MB 480-310753/1-A	Method Blank	Total/NA	Water	200.8	310753
LCS 480-310753/2-A	Lab Control Sample	Total/NA	Water	200.8	310753
480-102772-1 MS	P-333-DF-03A	Total/NA	Water	200.8	310753
480-102772-1 MSD	P-333-DF-03A	Total/NA	Water	200.8	310753

Analysis Batch: 312470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-65	P-275/285-CS-04A	Total/NA	Water	200.8	310966
480-102772-67	P-275/285-CS-05A	Total/NA	Water	200.8	310966
480-102772-81	P-275/285-CS-07A	Total/NA	Water	200.8	310966
480-102772-85	P-275/285-CS-09A	Total/NA	Water	200.8	310966
MB 480-310966/1-A	Method Blank	Total/NA	Water	200.8	310966

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102772-1

Metals (Continued)

Analysis Batch: 312470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-310966/2-A	Lab Control Sample	Total/NA	Water	200.8	310966

Analysis Batch: 312471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-96	H-200E-SF-02A	Total/NA	Water	200.8	310757
480-102772-98	H-200C-KS-14A	Total/NA	Water	200.8	310757
480-102772-100	H-200C-KS-15A	Total/NA	Water	200.8	310757
MB 480-310757/1-A	Method Blank	Total/NA	Water	200.8	310757
LCS 480-310757/2-A	Lab Control Sample	Total/NA	Water	200.8	310757

Analysis Batch: 312473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-9	P-333-CS-04A	Total/NA	Water	200.8	310753
480-102772-11	P-333-CS-05A	Total/NA	Water	200.8	310753
480-102772-13	P-333-DF-04A	Total/NA	Water	200.8	310753
480-102772-15	P-333-NS-01A	Total/NA	Water	200.8	310753
480-102772-17	P-333-NS-02A	Total/NA	Water	200.8	310753
480-102772-19	P-333-NS-03A	Total/NA	Water	200.8	310753
480-102772-21	P-333-CS-06A	Total/NA	Water	200.8	310753
480-102772-23	P-333-CS-07A	Total/NA	Water	200.8	310753
480-102772-25	P-333-CS-08A	Total/NA	Water	200.8	310753
480-102772-27	P-333-KS-02A	Total/NA	Water	200.8	310753
480-102772-29	P-333-KS-03A	Total/NA	Water	200.8	310753
480-102772-31	P-333-KS-04A	Total/NA	Water	200.8	310753
480-102772-33	P-333-KS-05A	Total/NA	Water	200.8	310755
480-102772-35	P-333-CS-09A	Total/NA	Water	200.8	310755
480-102772-37	P-333-CS-10A	Total/NA	Water	200.8	310755
480-102772-39	P-333-CS-11A	Total/NA	Water	200.8	310755
480-102772-41	P-333-KS-06A	Total/NA	Water	200.8	310755
480-102772-43	P-275/285-NS-01A	Total/NA	Water	200.8	310755
480-102772-45	P-275/285-KS-03A	Total/NA	Water	200.8	310755
480-102772-47	P-275/285-KS-04A	Total/NA	Water	200.8	310755
480-102772-49	P-275/285-KS-05A	Total/NA	Water	200.8	310755
480-102772-51	P-275/285-KS-06A	Total/NA	Water	200.8	310755
480-102772-53	P-275/285-KS-07A	Total/NA	Water	200.8	310755
480-102772-55	P-275/285-DF-03A	Total/NA	Water	200.8	310755
480-102772-57	P-275/285-CS-01A	Total/NA	Water	200.8	310755
480-102772-59	P-275/285-CS-02A	Total/NA	Water	200.8	310755
480-102772-61	P-275/285-CS-03A	Total/NA	Water	200.8	310755
480-102772-63	P-275/285-DF-04A	Total/NA	Water	200.8	310755
480-102772-69	P-275/285-DF-05A	Total/NA	Water	200.8	310756
480-102772-71	P-275/285-KS-08A	Total/NA	Water	200.8	310756
480-102772-73	P-275/285-KS-09A	Total/NA	Water	200.8	310756
480-102772-75	P-275/285-KS-10A	Total/NA	Water	200.8	310756
480-102772-77	P-275/285-DF-06A	Total/NA	Water	200.8	310756
480-102772-79	P-275/285-CS-06A	Total/NA	Water	200.8	310756
480-102772-83	P-275/285-CS-08A	Total/NA	Water	200.8	310756
480-102772-87	P-275/285-IM-01A	Total/NA	Water	200.8	310756
480-102772-90	H-200E-KS-02A	Total/NA	Water	200.8	310756
480-102772-92	H-200E-DF-01A	Total/NA	Water	200.8	310756
480-102772-94	H-200E-SF-01A	Total/NA	Water	200.8	310756

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102772-1

Metals (Continued)

Analysis Batch: 312473 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-310755/1-A	Method Blank	Total/NA	Water	200.8	310755
MB 480-310756/1-A	Method Blank	Total/NA	Water	200.8	310756
LCS 480-310755/2-A	Lab Control Sample	Total/NA	Water	200.8	310755
LCS 480-310756/2-A	Lab Control Sample	Total/NA	Water	200.8	310756
480-102772-31 MS	P-333-KS-04A	Total/NA	Water	200.8	310753
480-102772-31 MSD	P-333-KS-04A	Total/NA	Water	200.8	310753
480-102772-33 MS	P-333-KS-05A	Total/NA	Water	200.8	310755
480-102772-33 MSD	P-333-KS-05A	Total/NA	Water	200.8	310755
480-102772-63 MS	P-275/285-DF-04A	Total/NA	Water	200.8	310755
480-102772-63 MSD	P-275/285-DF-04A	Total/NA	Water	200.8	310755
480-102772-94 MS	H-200E-SF-01A	Total/NA	Water	200.8	310756
480-102772-94 MSD	H-200E-SF-01A	Total/NA	Water	200.8	310756

Analysis Batch: 312596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-88	H-200E-KS-01A	Total/NA	Water	200.8	310756

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-DF-03A

Date Collected: 07/07/16 07:23

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	311159	07/13/16 05:13	MTM2	TAL BUF

Client Sample ID: P-333-CS-01A

Date Collected: 07/07/16 06:28

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	311159	07/13/16 05:24	MTM2	TAL BUF

Client Sample ID: P-333-CS-02A

Date Collected: 07/07/16 06:22

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	311159	07/13/16 05:27	MTM2	TAL BUF

Client Sample ID: P-333-CS-03A

Date Collected: 07/07/16 06:22

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	311159	07/13/16 05:29	MTM2	TAL BUF

Client Sample ID: P-333-CS-04A

Date Collected: 07/07/16 06:28

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:15	MTM2	TAL BUF

Client Sample ID: P-333-CS-05A

Date Collected: 07/07/16 06:32

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:18	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-DF-04A

Date Collected: 07/07/16 07:19
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:21	MTM2	TAL BUF

Client Sample ID: P-333-NS-01A

Date Collected: 07/07/16 06:39
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:23	MTM2	TAL BUF

Client Sample ID: P-333-NS-02A

Date Collected: 07/07/16 06:41
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:26	MTM2	TAL BUF

Client Sample ID: P-333-NS-03A

Date Collected: 07/07/16 06:44
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:29	MTM2	TAL BUF

Client Sample ID: P-333-CS-06A

Date Collected: 07/07/16 06:45
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:32	MTM2	TAL BUF

Client Sample ID: P-333-CS-07A

Date Collected: 07/07/16 06:48
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:34	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-CS-08A

Date Collected: 07/07/16 06:52
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:37	MTM2	TAL BUF

Client Sample ID: P-333-KS-02A

Date Collected: 07/07/16 06:49
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:40	MTM2	TAL BUF

Client Sample ID: P-333-KS-03A

Date Collected: 07/07/16 06:56
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:50	MTM2	TAL BUF

Client Sample ID: P-333-KS-04A

Date Collected: 07/07/16 06:51
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310753	07/12/16 17:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 00:52	MTM2	TAL BUF

Client Sample ID: P-333-KS-05A

Date Collected: 07/07/16 06:53
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:10	MTM2	TAL BUF

Client Sample ID: P-333-CS-09A

Date Collected: 07/07/16 06:56
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:28	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-333-CS-10A

Date Collected: 07/07/16 07:03
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:31	MTM2	TAL BUF

Client Sample ID: P-333-CS-11A

Date Collected: 07/07/16 07:00
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:33	MTM2	TAL BUF

Client Sample ID: P-333-KS-06A

Date Collected: 07/07/16 07:01
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-41

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:36	MTM2	TAL BUF

Client Sample ID: P-275/285-NS-01A

Date Collected: 07/07/16 07:18
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:39	MTM2	TAL BUF

Client Sample ID: P-275/285-KS-03A

Date Collected: 07/07/16 08:36
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:42	MTM2	TAL BUF

Client Sample ID: P-275/285-KS-04A

Date Collected: 07/07/16 08:43
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-47

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:45	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-KS-05A

Date Collected: 07/07/16 08:45
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:47	MTM2	TAL BUF

Client Sample ID: P-275/285-KS-06A

Date Collected: 07/07/16 08:29
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-51

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:50	MTM2	TAL BUF

Client Sample ID: P-275/285-KS-07A

Date Collected: 07/07/16 08:42
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-53

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 01:53	MTM2	TAL BUF

Client Sample ID: P-275/285-DF-03A

Date Collected: 07/07/16 07:23
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:02	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-01A

Date Collected: 07/07/16 07:41
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-57

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:05	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-02A

Date Collected: 07/07/16 07:44
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-59

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:08	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-CS-03A

Date Collected: 07/07/16 07:59
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-61

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:10	MTM2	TAL BUF

Client Sample ID: P-275/285-DF-04A

Date Collected: 07/07/16 08:18
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-63

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310755	07/12/16 18:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:13	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-04A

Date Collected: 07/07/16 07:58
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-65

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			310966	07/14/16 08:51	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312470	07/21/16 19:36	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-05A

Date Collected: 07/07/16 08:00
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-67

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			310966	07/14/16 08:51	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312470	07/21/16 19:41	MTM2	TAL BUF

Client Sample ID: P-275/285-DF-05A

Date Collected: 07/07/16 08:11
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-69

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:52	MTM2	TAL BUF

Client Sample ID: P-275/285-KS-08A

Date Collected: 07/07/16 07:10
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-71

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:54	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-KS-09A

Date Collected: 07/07/16 08:24
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-73

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 02:57	MTM2	TAL BUF

Client Sample ID: P-275/285-KS-10A

Date Collected: 07/07/16 08:13
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-75

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:00	MTM2	TAL BUF

Client Sample ID: P-275/285-DF-06A

Date Collected: 07/07/16 08:56
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-77

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:03	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-06A

Date Collected: 07/07/16 08:38
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-79

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:05	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-07A

Date Collected: 07/07/16 08:41
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-81

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			310966	07/14/16 08:51	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312470	07/21/16 19:47	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-08A

Date Collected: 07/07/16 08:46
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-83

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:18	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: P-275/285-CS-09A

Date Collected: 07/07/16 08:50
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-85

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			310966	07/14/16 08:51	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312470	07/21/16 19:52	MTM2	TAL BUF

Client Sample ID: P-275/285-IM-01A

Date Collected: 07/07/16 08:18
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-87

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:23	MTM2	TAL BUF

Client Sample ID: H-200E-KS-01A

Date Collected: 07/07/16 06:24
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-88

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 15:49	TRB	TAL BUF

Client Sample ID: H-200E-KS-02A

Date Collected: 07/07/16 06:27
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-90

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:29	MTM2	TAL BUF

Client Sample ID: H-200E-DF-01A

Date Collected: 07/07/16 06:30
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-92

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:32	MTM2	TAL BUF

Client Sample ID: H-200E-SF-01A

Date Collected: 07/07/16 06:36
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-94

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310756	07/12/16 19:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312473	07/22/16 03:34	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-1

Client Sample ID: H-200E-SF-02A

Date Collected: 07/07/16 06:39
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-96

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310757	07/12/16 19:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312471	07/21/16 21:01	MTM2	TAL BUF

Client Sample ID: H-200C-KS-14A

Date Collected: 07/07/16 06:11
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-98

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310757	07/12/16 19:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312471	07/21/16 21:06	MTM2	TAL BUF

Client Sample ID: H-200C-KS-15A

Date Collected: 07/07/16 06:13
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-100

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310757	07/12/16 19:45	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312471	07/21/16 21:12	MTM2	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-102772-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method	Prep Method	Matrix	Analyte	

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

Method Summary

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

TestAmerica Job ID: 480-102772-1

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

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: 480-102772-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102772-1	P-333-DF-03A	Water	07/07/16 07:23	07/08/16 02:00
480-102772-3	P-333-CS-01A	Water	07/07/16 06:28	07/08/16 02:00
480-102772-5	P-333-CS-02A	Water	07/07/16 06:22	07/08/16 02:00
480-102772-7	P-333-CS-03A	Water	07/07/16 06:22	07/08/16 02:00
480-102772-9	P-333-CS-04A	Water	07/07/16 06:28	07/08/16 02:00
480-102772-11	P-333-CS-05A	Water	07/07/16 06:32	07/08/16 02:00
480-102772-13	P-333-DF-04A	Water	07/07/16 07:19	07/08/16 02:00
480-102772-15	P-333-NS-01A	Water	07/07/16 06:39	07/08/16 02:00
480-102772-17	P-333-NS-02A	Water	07/07/16 06:41	07/08/16 02:00
480-102772-19	P-333-NS-03A	Water	07/07/16 06:44	07/08/16 02:00
480-102772-21	P-333-CS-06A	Water	07/07/16 06:45	07/08/16 02:00
480-102772-23	P-333-CS-07A	Water	07/07/16 06:48	07/08/16 02:00
480-102772-25	P-333-CS-08A	Water	07/07/16 06:52	07/08/16 02:00
480-102772-27	P-333-KS-02A	Water	07/07/16 06:49	07/08/16 02:00
480-102772-29	P-333-KS-03A	Water	07/07/16 06:56	07/08/16 02:00
480-102772-31	P-333-KS-04A	Water	07/07/16 06:51	07/08/16 02:00
480-102772-33	P-333-KS-05A	Water	07/07/16 06:53	07/08/16 02:00
480-102772-35	P-333-CS-09A	Water	07/07/16 06:56	07/08/16 02:00
480-102772-37	P-333-CS-10A	Water	07/07/16 07:03	07/08/16 02:00
480-102772-39	P-333-CS-11A	Water	07/07/16 07:00	07/08/16 02:00
480-102772-41	P-333-KS-06A	Water	07/07/16 07:01	07/08/16 02:00
480-102772-43	P-275/285-NS-01A	Water	07/07/16 07:18	07/08/16 02:00
480-102772-45	P-275/285-KS-03A	Water	07/07/16 08:36	07/08/16 02:00
480-102772-47	P-275/285-KS-04A	Water	07/07/16 08:43	07/08/16 02:00
480-102772-49	P-275/285-KS-05A	Water	07/07/16 08:45	07/08/16 02:00
480-102772-51	P-275/285-KS-06A	Water	07/07/16 08:29	07/08/16 02:00
480-102772-53	P-275/285-KS-07A	Water	07/07/16 08:42	07/08/16 02:00
480-102772-55	P-275/285-DF-03A	Water	07/07/16 07:23	07/08/16 02:00
480-102772-57	P-275/285-CS-01A	Water	07/07/16 07:41	07/08/16 02:00
480-102772-59	P-275/285-CS-02A	Water	07/07/16 07:44	07/08/16 02:00
480-102772-61	P-275/285-CS-03A	Water	07/07/16 07:59	07/08/16 02:00
480-102772-63	P-275/285-DF-04A	Water	07/07/16 08:18	07/08/16 02:00
480-102772-65	P-275/285-CS-04A	Water	07/07/16 07:58	07/08/16 02:00
480-102772-67	P-275/285-CS-05A	Water	07/07/16 08:00	07/08/16 02:00
480-102772-69	P-275/285-DF-05A	Water	07/07/16 08:11	07/08/16 02:00
480-102772-71	P-275/285-KS-08A	Water	07/07/16 07:10	07/08/16 02:00
480-102772-73	P-275/285-KS-09A	Water	07/07/16 08:24	07/08/16 02:00
480-102772-75	P-275/285-KS-10A	Water	07/07/16 08:13	07/08/16 02:00
480-102772-77	P-275/285-DF-06A	Water	07/07/16 08:56	07/08/16 02:00
480-102772-79	P-275/285-CS-06A	Water	07/07/16 08:38	07/08/16 02:00
480-102772-81	P-275/285-CS-07A	Water	07/07/16 08:41	07/08/16 02:00
480-102772-83	P-275/285-CS-08A	Water	07/07/16 08:46	07/08/16 02:00
480-102772-85	P-275/285-CS-09A	Water	07/07/16 08:50	07/08/16 02:00
480-102772-87	P-275/285-IM-01A	Water	07/07/16 08:18	07/08/16 02:00
480-102772-88	H-200E-KS-01A	Water	07/07/16 06:24	07/08/16 02:00
480-102772-90	H-200E-KS-02A	Water	07/07/16 06:27	07/08/16 02:00
480-102772-92	H-200E-DF-01A	Water	07/07/16 06:30	07/08/16 02:00
480-102772-94	H-200E-SF-01A	Water	07/07/16 06:36	07/08/16 02:00
480-102772-96	H-200E-SF-02A	Water	07/07/16 06:39	07/08/16 02:00
480-102772-98	H-200C-KS-14A	Water	07/07/16 06:11	07/08/16 02:00
480-102772-100	H-200C-KS-15A	Water	07/07/16 06:13	07/08/16 02:00

TestAmerica Buffalo

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

430501-Albany

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Deliverable Requested: I, II, III, IV, Other (specify)

Client Information		Sampler: Will Pierce		Lab P.M.: Stone, Judy L		Carrier Tracking No(s):		Preservation Codes:		
Client Contact	Phone: (518) 435-4500	E-Mail: iudy.stone@testamericainc.com						A - HCl B - NaOH C - Zn Acetate	M - Hexane N - None O - AsNaO2	
Company:	CHA Inc									
Address:	111 Winters Circle PO BOX 5269									
City:	Albany									
State, Zip:	NY, 12205-0269									
Phone:	518-453-4500(Tel)	TAT Requested (days):	5 days							
Email:	rcamilli@chacompanies.com	PO #:	31521-1000-44200							
Project Name:	Bergen County, NJ	WO #:								
Site:		Project #:	46020240							
SSOW#:										
Analysis Requested										
200.8 - ICP Metals Single Element										
Performs MS/MSD (Yes or No)										
Filtered Sample (Yes or No)										
Special Instructions/Note:										
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	Preservation Code:				
				(C=comp, G=grab)	(Water, Sewage, Compost, Air)	X	D			
P-333-DF-03A		7-7-16	7:23	G	Water	✓				
P-333-DF-03B			7:24		Water					
P-333-CS-01A			19:28		Water					
P-333-CS-01B			19:29		Water					
P-333-CS-02A			19:27		Water					
P-333-CS-02B			19:23		Water					
P-333-CS-03A			19:22		Water					
P-333-CS-03B			19:23		Water					
P-333-CS-04A			19:28		Water					
P-333-CS-04B			19:29		Water					
P-333-CS-05A		↓	19:32	↓	Water					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months										
Special Instructions/QC Requirements:										
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:						
<input checked="" type="checkbox"/> Inject Wcs		7-7-16 / 13:40	Company	Received by:						
<input type="checkbox"/> Flammable				Received by:						
<input type="checkbox"/> Skin Irritant				Received by:						
<input type="checkbox"/> Poison B				Received by:						
<input type="checkbox"/> Unknown				Received by:						
<input type="checkbox"/> Radiological				Received by:						
Colder Temperature(s) °C and Other Remarks:										
Custody Seals Intact:		Custody Seal No.: 2017								
△ Yes △ No										

TestAmerica Edison

480501-Albany

777 New Durham Road
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Chain of Custody Record

Client Information										Analysis Requested									
Sampler: Winn Pearce					Lab P.M.: Stone, Judy L.					Carrier Tracking No(s): 460-7409-145571-16					Preservation Codes:				
Phone: (518) 435-4500					E-Mail: judy.stone@testamericainc.com					COC No: 460-7409-145571-16									
Address: 111 Winners Circle PO BOX 5269 Albany State, Zip: NY, 12205-0269										Total Number of Containers: 3 of 10									
Phone: 518-453-4500(Tel) Email: rcamilli@chacompanies.com Project Name: Bergen County, NJ Site#: SSOW#:										Due Date Requested: 5 days									
TAT Requested (days): 5 days										200.8 - ICP Metals Single Element Filtered Sample (Yes or No): Yes									
P.O.#: 31521-1000 44200										Pesticide/MSDS/Vessel (Yes or No): No									
WO #: 										Field Sample (Yes or No): No									
Project #: 46020240										Sample Identification									
Sample Identification		Sample Date		Sample Time		Sample Type		Sample Type		Matrix		Preservation Code:		Special Instructions/Note:		Method of Shipment:			
ID		Date		Time		C=comp, G=grab		C=comp, G=grab		(water, solid, co-wash, oil, air)		D		Please Hold Sample		Return To Client			
P-333-CS-05B		7-7-16		10:33		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Disposal By Lab			
P-333-DF-04A		7-7-16		7:19		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Archive For Months			
P-333-DF-04B		7-7-16		7:20		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Disposal By Lab			
P-333-NS-01A		7-7-16		9:39		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Archive For Months			
P-333-NS-01B		7-7-16		9:40		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Disposal By Lab			
P-333-NS-02A		7-7-16		9:41		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Archive For Months			
P-333-NS-02B		7-7-16		9:42		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Disposal By Lab			
P-333-NS-03A		7-7-16		9:44		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Archive For Months			
P-333-NS-03B		7-7-16		9:45		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Disposal By Lab			
P-333-CS-06A		7-7-16		9:45		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Archive For Months			
P-333-CS-06B		7-7-16		9:46		C		C		Water		D		Please Hold Sample		<input type="checkbox"/> Disposal By Lab			
Deliverable Requested: I, II, III, IV. Other (specify)										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Empty Kit Relinquished by: <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										Method of Shipment: <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab									
Relinquished by: Erika Woods										Date/Time: 7-7-16 / 12:40 Received by: Judi Stone Date/Time: 7-7-16 12:40 Company: TestAmerica Company: TestAmerica									
Relinquished by: Tim Knollman										Date/Time: 7-7-16 18:00 Received by: City Date/Time: 7-7-16 02:00 Received by: City Company: TestAmerica Company: TestAmerica									
Custody Seals intact: Yes <input type="checkbox"/> No <input type="checkbox"/>										Cooler Temperature(s) °C and Other Remarks: 7.0, 2.1 #1									
Deliverable Requested: I, II, III, IV. Other (specify)										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Empty Kit Relinquished by: <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										Method of Shipment: <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab									
Relinquished by: Erika Woods										Date/Time: 7-7-16 / 12:40 Received by: Judi Stone Date/Time: 7-7-16 12:40 Company: TestAmerica Company: TestAmerica									
Relinquished by: Tim Knollman										Date/Time: 7-7-16 18:00 Received by: City Date/Time: 7-7-16 02:00 Received by: City Company: TestAmerica Company: TestAmerica									
Custody Seals intact: Yes <input type="checkbox"/> No <input type="checkbox"/>										Cooler Temperature(s) °C and Other Remarks: 7.0, 2.1 #1									

Chain of Custody Record

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING											
Client Information Client Contact: Ms. Rogina Camilli Company: CHA Inc Address: 111 Wimmers Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel) Email: rcamilli@chacompanies.com Project Name: Bergen County, NJ Site: Analysis Requested				Sampler: Will Pierce Lab P/N: Stone, Judy L E-Mail: judy.stone@testamericainc.com Preservation Codes: Total Number of Containers: TAT Requested (days): 5 days PO #: 31521.1000.44200 WO #: Project #: 46020240 SSOW#: Special Instructions/Note: 200.8 - ICP Metals Single Element Performed Sample (Yes or No): Test Filtered Sample (Yes or No): Matrix (Water, Sediment, Oil/Water, Compost, Air/Air) Sample Type (C=comp, G=grab) Preservation Code: Sample Identification Sample Date Sample Time Sample Type Matrix 7-7-16 048 C Water 7-7-16 049 C Water 7-7-16 050 C Water 7-7-16 051 C Water 7-7-16 052 C Water 7-7-16 053 C Water 7-7-16 054 C Water 7-7-16 055 C Water 7-7-16 056 C Water 7-7-16 057 C Water 7-7-16 058 C Water 7-7-16 059 C Water 7-7-16 060 C Water 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)				Carrier Tracking No(s): COC No: 460-7409-145571-17 Page: 17 of 30 of 10 Job #: Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - Asha O2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2CO3 G - Anchor S - H2SO4 H - Ascorbic Acid T - TSP Dodecylhydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - ph 4.5 L - EDA Z - other (specify) Other: Special Instructions/Note: Please hold Sample Please hold Sample 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: Method of Shipment: Received by: <u>Will Pierce</u> Date/Time: <u>7-7-16 1340</u> Company: <u>TestAmerica</u> Received by: <u>Judy Stone</u> Date/Time: <u>7-7-16 1340</u> Company: <u>TestAmerica</u> Received by: <u>John Miller</u> Date/Time: <u>7-7-16 0200</u> Company: <u>TestAmerica</u> Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No: <u>210721#1</u> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

TestAmerica Edison

777 New Durham Road

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480501-Albany Chain of Custody Record

Client Information		Sampler: <u>Willie Pierce</u>	Lab P/M: <u>Judy L Stone,</u>	Carrier Tracking No(s):	
Client Contact:	Ms. Rogina Camilli	E-Mail:	judy.stone@testamericainc.com	COC No: 460-74091-45571-18	
Company:	CHA Inc	Phone:	(518) 435-4500	Page # of 88 4 of 10	
Address:	111 Wimmers Circle PO BOX 5209 Albany NY, 12205-0269	Due Date Requested:			
TAT Requested (days):	<u>5 days</u>			Preservation Codes:	
City:	Albany	State, Zip:		A - HCl	M - Hexane
Phone:	518-453-4500(Tel)	PO#:	31521.1000.44200	B - NaOH	N - None
Email:	rcamilli@chacompanies.com	I/W #:		C - Zn Acetate	O - AsNaO2
Project Name:	Project #: 46020240	SSOW#:		D - Nitric Acid	P - Na2O4S
Site:				E - NaHSO4	Q - Na2S2O3
				F - MeOH	R - Na2S2O2S
				G - Ammonia	S - H2SC4
				H - Ascorbic Acid	T - TSP Dodecylhydrate
				I - Ice	U - Acetone
				J - DI Water	V - MCAA
				K - EDTA	W - pH 4-5
				L - EDA	Z - other (specify)
				Other:	
Total Number of Containers:					
200.8 - ICP Metals Single Element					
Performance MSD (Yes or No):					
Retained Sample (Yes or No):					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Inorganic, Sessile, Crustacean, AsAir)
Y-333-KS-05B		7-7-10	16:54	G	Water
P-333-CS-09A		1	16:54	1	Water
P-333-CS-09B		1	16:57	1	Water
P-333-CS-10A			17:03		Water
P-333-CS-10B			17:04		Water
P-333-CS-11A			17:00		Water
P-333-CS-11B			17:01		Water
P-333-KS-06A			17:01		Water
P-333-KS-06B			17:02		Water
P-215/285-NS-01A			17:18		Water
P-215/285-NS-01B		→	17:19	→	Water
Possible Hazard Identification		Date:	Time:	Method of Shipment:	
<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)					
Empty Kit Reinquished by:		Date/Time:	Received By:	Date/Time:	
Reinquished by: <u>Eighth Wave</u>		7-7-16 / 12:45	Company	Company	
Reinquished by: <u>John Knollmeyer</u>		Date/Time: 7-7-16	Received By: <u>John Knollmeyer</u>	Date/Time: 7-8-16 07:00	
Reinquished by: <u>John Knollmeyer</u>		Date/Time:	Received By:	Date/Time:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: <u>2.0, 2.1 #1</u>			
Special Instructions/QC Requirements:					
Sample Disposal / A fee may be assessed if samples are retained longer than 1 month		<input type="checkbox"/> Return To Client	<input type="checkbox"/> Disposal By Lab	Archive For Months	

TestAmerica Edison

480501-Albany

Chain of Custody Record

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Mill Pence	Lab P.M.: Stone, Judy L	Carrier Tracking No(s):
		Phone: (518) 435-4500	E-Mail: judy.stone@testamericainc.com	COC No.: 460-74091-45571-19
Company: CHA Inc		Page 19 of 33 - 5 of 10		
Address: 111 Winners Circle PO BOX 5269 City: Albany		Job #:		
State, Zip: NY, 12205-0269		Preservation Codes:		
Phone: 518-453-4500(Tel)		A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonium H - Ascorbic Acid I - Ice J - Di Water K - EDTA L - EDA Other:		
Email: lcamilli@chacompanies.com		M - Hexane N - None O - AsNaO2 P - Na2CO3 Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecylamine U - Acetone V - MCAA W - ph 4-5 Z - other (specify)		
Project Name: Bergen County, NJ		Total Number of Containers:		
SSOW#:		Special Instructions/Note:		
200.8 - ICP Metals Single Element Reagent/MSD (Yes or No)				
Prepared Sample (Yes or No)				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)
				Matrix (Water, Solid, Crystalline, Oil)
				Preservation Code:
P-275/285-KS-03A		7-7-10	8:30	G
P-275/285-KS-03B			8:37	Water
P-275/285-KS-04A			8:43	Water
P-275/285-KS-04B			8:44	Water
P-275/285-KS-05A			8:45	Water
P-275/285-KS-05B			8:46	Water
P-275/285-KS-06A			8:49	Water
P-275/285-KS-06B			8:30	Water
P-275/285-KS-07A			8:43	Water
P-275/285-KS-07B			8:43	Water
P-275/285-DF-03A		→	7:23	Water
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		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		
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:		
Empty Kit Relinquished by: Eighth Legion		Date: 7-7-16 / 1240	Time: 1:30 PM	Method of Shipment: Hand
Relinquished by: Tim Knolling		Date/Time: 7-7-16 1800	Received by: TA Alaa	Company: TestAmerica
Relinquished by: Tim Knolling		Date/Time: 7-7-16 0200	Received by: TA Alaa	Company: TestAmerica
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: 21.0, 21.1		

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

480501-Albany

Client Information		Sampler: Will Pierce	Lab P/M: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-74091-45571.21
Client Contact:	Phone: (518) 435-4500	E-Mail: judy.stone@testamericainc.com		Page: 24 of 10	Page:
Company:	CHA Inc			Job #:	
Address:	111 Wimers Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269	Analysis Requested Due Date Requested: TAT Requested (days): 5 days			
Phone:	518-453-4500(Tel)	Total Number of Contaminants: 200.8 - ICP Metals Single Element Perform MS/MSD (Yes or No): <input checked="" type="checkbox"/> Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Eject Filled Sample (Yes or No): Project Name: Bergen County, NJ Site: SSOW#:			
Email:	rcamilli@chacompanies.com	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sewage, Compost, Air)
Project Name:	Project #: 46020240				
Site:					
Sample Identification		Preservation Code: <input checked="" type="checkbox"/> D Please hold sample			
P-275/285-DF-03B P-275/285-CS-01A P-275/285-CS-01B P-275/285-CS-02A P-275/285-CS-02B P-275/285-CS-03A BC P-275/285-DF-04A P-275/285-DF-04B P-275/285-CS-04 A P-275/285-CS-04 B		7-7-10	7:30 AM	G	Water ✓
		7:41		Water	
		7:42		Water	
		7:41		Water	
		7:45		Water	
		7:59		Water	
		8:00		Water	
		8:18		Water	
		8:19		Water	
		7:58		Water	
		7:59		Water	
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					
Special Instructions/QC Requirements: <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					
Empty Kit Relinquished by:		Date: 7-7-10/12 00	Time: Company	Method of Shipment:	
Relinquished by: <i>Slight Wox</i>		Date/Time: 7-7-10/12 00	Received by: <i>In Brooklyn</i>	Date/Time: 7-7-10 1240	Company Months
Relinquished by: <i>Tim Knowlton</i>		Date/Time: 7-7-10 1800	Received by: <i>Tim Knowlton</i>	Date/Time: 7-8-16 0200	Company
Relinquished by:		Date/Time:	Received by:	Date/Time:	Company
Custody Seals intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Colder Temperature(s) °C and Other Remarks: 20, 21 #1			

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Will Pierce	Lab P/M: Stone, Judy L	Carrier Tracking No(s):
Client Contact:	Ms. Rogina Camilli	Phone: (518) 435-1550	E-Mail: judy.stone@testamericainc.com	
Company:	CHA Inc			
Address:	111 Wimmers Circle PO BOX 5269 Albany NY, 12205-0269			
TAT Requested (days):	5 days			
PO #:	31521.1000.44200			
WO #:				
Email:	rcamilli@chacompanies.com			
Project Name:	Bergen County, NJ	Project #: 4620240		
Site:	SSOW#:			
200.8 - ICP Metals/MSD (yes or No)				
Performed Sample (yes or No)				
Total Number of Contaminants				
Special Instructions/Note:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)
P-275/285-CS-05A	7-7-10	8:00	C	Water
P-275/285-CS-05B		8:00	I	Water
P-275/285-DF-05A		8:10	I	Water
P-275/285-285-08A		7:00	I	Water
P-275/285-285-08B		7:10	I	Water
P-275/285-KS-09A		8:24	I	Water
P-275/285-KS-09B		8:25	I	Water
P-275/285-KS-10A		8:13	I	Water
P-275/285-KS-10B		8:14	I	Water
P-275/285-DF-05A		8:50	I	Water
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
Deliverable Requested: I, II, III, IV, Other (specify)				
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	
Relinquished by: <i>Jackie Wees</i>	Date/Time: 7-7-10 / 12:43	Company: <i>TestAmerica</i>	Received by: <i>Judy</i>	Date/Time: 7-7-10 12:43 Company: <i>TestAmerica</i>
Relinquished by: <i>Tim Knolling</i>	Date/Time: 7-7-10 18:00	Company: <i>TestAmerica</i>	Received by: <i>Judy</i>	Date/Time: 7-8-10 07:00 Company: <i>TestAmerica</i>
Custody Seals Intact:	Custody Seal No.: <i>#1</i>			
△ Yes △ No				
Cooler Temperature(s) °C and Other Remarks: <i>20, 21 #1</i>				

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777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany **Chain of Custody Record**

Client Information

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

Sampler: Will Pierce	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-74091-45571-23
Phone: (518)453-4500	E-mail: judy.stone@testamericainc.com	Page 22 of 33	Page 8 of 10
Analysis Requested Due Date Requested: 111 Winners Circle PO BOX 5269 TAT Requested (days): 5 days PO#: 31521 1000 44200 WO#: Project #: 460220240 SSOW#: Sample Identification Sample Date: 7-7-10 Sample Time: 8:57 Sample Type: C(=Comp, G=grab) Matrix (Water, Sealed, Capped, Air): Water Preservation Code: C D: ✓ Please hold Sample P-275/285-DF-06B P-275/285-CS-06A P-275/285-CS-06B P-275/285-CS-07A P-275/285-CS-07B P-275/285-CS-08A P-275/285-Y8808B P-275/285-CS-09A P-275/285-CS-09B P-275/285-IM-01A H-200E-Y5-01A 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) Special Instructions/QC Requirements: <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months Sample Disposal / A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Disposal Special Instructions/QC Requirements: <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months Empty Kit Relinquished by: Relinquished by: <i>Graham Wess</i> Date/Time: 7-7-16 / 10:40 Company: <i>Test America</i> Relinquished by: <i>Tim Knollmeyer</i> Date/Time: 7-7-16 / 10:53 Company: <i>Test America</i> Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No: <i>710, 711 #1</i> <input type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temperature(s) °C and Other Remarks:			

TestAmerica Edison

Chain of Custody Record

480501-Albany

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Client Information		Sample#:	Will Pierce	Lab P/M:	Carrier Tracking No(s):
		Phone:	(518) 435-4500	E-Mail:	judy.stone@testamericainc.com
Job #:					

Analysis Requested						
Preservation Codes:						
A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonia H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2CO3S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Decadecahydrate U - Acetone V - MCA/A W - ph 4-5 Z - other (specify) Other:						
Total Number of Containers:						
Special Instructions/Note:						
200.8 - ICP Metals Single Element						
Performer MS/MSD (Yes or No)						
Filtered Sample (Yes or No)						
Project Name:						
Project #:						
SSOW#:						
Matrix (Water, Sediment, Crustal, Air)						
Preservation Code:						
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code		
H-2005-KS-01B	7-7-10	1925	C	Water	<input checked="" type="checkbox"/> Please hold Sample	
H-2005-KS-02A		1927	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-KS-02B		1928	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-DF-01A		1930	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-DF-01B		1931	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-SF-01A		1932	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-SF-01B		1937	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-SF-02A		1939	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-SF-02B		1940	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-KS-114A		1941	I	Water	<input type="checkbox"/> Please hold Sample	
H-2005-KS-114B		1942	I	Water	<input type="checkbox"/> Please hold Sample	
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:						
Possible Hazard Identification	Date:	Time:	Method of Shipment:			
<input checked="" type="checkbox"/> Non-Hazard	Date/Time:	Received by:	Date/Time:			
<input type="checkbox"/> Flammable	Date/Time:	Received by:	Date/Time:			
<input type="checkbox"/> Skin Irritant	Date/Time:	Received by:	Date/Time:			
<input type="checkbox"/> Poison B	Date/Time:	Received by:	Date/Time:			
<input type="checkbox"/> Unknown	Date/Time:	Received by:	Date/Time:			
<input type="checkbox"/> Radiological	Date/Time:	Received by:	Date/Time:			
Deliverable Requested: I, II, III, IV, Other (specify)						
Empty Kit Relinquished by:	Date:	Time:				
Relinquished by:	Date/Time:	Received by:	Company			
Relinquished by:	Date/Time:	Received by:	Company			
Relinquished by:	Date/Time:	Received by:	Company			
Custody Seals Intact:	Custody Seal No.:					
△ Yes	△ No					

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102772-1

Login Number: 102772

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-102880-1

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:

7/25/2016 11:41:10 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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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: 480-102880-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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, 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: 480-102880-1

Job ID: 480-102880-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102880-1

Receipt

The samples were received on 7/9/2016 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: S-492-KS-02A

Lab Sample ID: 480-102880-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	43.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-DF-02A

Lab Sample ID: 480-102880-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	27.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-KS-03A

Lab Sample ID: 480-102880-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-IM 01A

Lab Sample ID: 480-102880-7

No Detections.

Client Sample ID: S-492-DF-03A

Lab Sample ID: 480-102880-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-NS-01A

Lab Sample ID: 480-102880-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-DF-04A

Lab Sample ID: 480-102880-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-NS-01A

Lab Sample ID: 480-102880-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-02A

Lab Sample ID: 480-102880-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	263		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-03A

Lab Sample ID: 480-102880-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-04A

Lab Sample ID: 480-102880-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.4		1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: W-304-DF-03A

Lab Sample ID: 480-102880-22

No Detections.

Client Sample ID: W-304-KS-05A

Lab Sample ID: 480-102880-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-DF-04A

Lab Sample ID: 480-102880-26

No Detections.

Client Sample ID: W-304-NS-02A

Lab Sample ID: 480-102880-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-06A

Lab Sample ID: 480-102880-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-DF-03A

Lab Sample ID: 480-102880-32

No Detections.

Client Sample ID: T-504-CS-01A

Lab Sample ID: 480-102880-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	638		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-02A

Lab Sample ID: 480-102880-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3510	B	5.0	0.85	ug/L	5		200.8	Total/NA

Client Sample ID: T-504-KS-03A

Lab Sample ID: 480-102880-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-04A

Lab Sample ID: 480-102880-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-03A

Lab Sample ID: 480-102880-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-BF-01A

Lab Sample ID: 480-102880-44

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-BF-01A (Continued)

Lab Sample ID: 480-102880-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.32	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-04A

Lab Sample ID: 480-102880-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	107		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-05A

Lab Sample ID: 480-102880-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	78.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-DF-04A

Lab Sample ID: 480-102880-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-06A

Lab Sample ID: 480-102880-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	105		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-07A

Lab Sample ID: 480-102880-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	115		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-08A

Lab Sample ID: 480-102880-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	83.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-09A

Lab Sample ID: 480-102880-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	84.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-05A

Lab Sample ID: 480-102880-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-06A

Lab Sample ID: 480-102880-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-07A

Lab Sample ID: 480-102880-64

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-KS-07A (Continued)

Lab Sample ID: 480-102880-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-08A

Lab Sample ID: 480-102880-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	14.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-09A

Lab Sample ID: 480-102880-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-BF-02A

Lab Sample ID: 480-102880-70

No Detections.

Client Sample ID: T-504-CS-10A

Lab Sample ID: 480-102880-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-DF-05A

Lab Sample ID: 480-102880-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-11A

Lab Sample ID: 480-102880-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	29.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-DF-07A

Lab Sample ID: 480-102880-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-12A

Lab Sample ID: 480-102880-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	23.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-13A

Lab Sample ID: 480-102880-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	142		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-14A

Lab Sample ID: 480-102880-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.1		1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-NS-01A

Lab Sample ID: 480-102880-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-10A

Lab Sample ID: 480-102880-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-15A

Lab Sample ID: 480-102880-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	50.9	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-16A

Lab Sample ID: 480-102880-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-DF-06A

Lab Sample ID: 480-102880-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.27	J	1.0	0.17	ug/L	1		200.8	Total/NA

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: 480-102880-1

Client Sample ID: S-492-KS-02A

Date Collected: 07/08/16 07:10
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	43.9		1.0	0.17	ug/L		07/14/16 15:30	07/22/16 03:55	1

Client Sample ID: S-492-DF-02A

Date Collected: 07/08/16 07:28
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	27.1		1.0	0.17	ug/L		07/14/16 15:30	07/22/16 04:06	1

Client Sample ID: S-492-KS-03A

Date Collected: 07/08/16 07:15
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11.6		1.0	0.17	ug/L		07/14/16 15:30	07/22/16 04:09	1

Client Sample ID: S-492-IM 01A

Date Collected: 07/08/16 07:18
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/14/16 15:30	07/22/16 04:12	1

Client Sample ID: S-492-DF-03A

Date Collected: 07/08/16 07:25
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-8

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.1		1.0	0.17	ug/L		07/14/16 15:30	07/22/16 04:14	1

Client Sample ID: S-492-NS-01A

Date Collected: 07/08/16 07:12
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-10

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.4		1.0	0.17	ug/L		07/14/16 15:30	07/22/16 04:24	1

Client Sample ID: S-492-DF-04A

Date Collected: 07/08/16 07:21
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.5		1.0	0.17	ug/L		07/14/16 15:30	07/22/16 04:27	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: W-304-NS-01A

Lab Sample ID: 480-102880-14

Date Collected: 07/08/16 07:54
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.9		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:30	1

Client Sample ID: W-304-KS-02A

Lab Sample ID: 480-102880-16

Date Collected: 07/08/16 07:57
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	263		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:32	1

Client Sample ID: W-304-KS-03A

Lab Sample ID: 480-102880-18

Date Collected: 07/08/16 08:00
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:35	1

Client Sample ID: W-304-KS-04A

Lab Sample ID: 480-102880-20

Date Collected: 07/08/16 08:02
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.4		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:38	1

Client Sample ID: W-304-DF-03A

Lab Sample ID: 480-102880-22

Date Collected: 07/08/16 08:04
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:41	1

Client Sample ID: W-304-KS-05A

Lab Sample ID: 480-102880-24

Date Collected: 07/08/16 08:07
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.5		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:44	1

Client Sample ID: W-304-DF-04A

Lab Sample ID: 480-102880-26

Date Collected: 07/08/16 08:11
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:46	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: W-304-NS-02A

Lab Sample ID: 480-102880-28

Date Collected: 07/08/16 08:14
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.8		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:49	1

Client Sample ID: W-304-KS-06A

Lab Sample ID: 480-102880-30

Date Collected: 07/08/16 08:17
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.2		1.0	0.17	ug/L	D	07/14/16 15:30	07/22/16 04:59	1

Client Sample ID: T-504-DF-03A

Lab Sample ID: 480-102880-32

Date Collected: 07/08/16 06:46
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:17	1

Client Sample ID: T-504-CS-01A

Lab Sample ID: 480-102880-34

Date Collected: 07/08/16 06:42
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	638		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:28	1

Client Sample ID: T-504-CS-02A

Lab Sample ID: 480-102880-36

Date Collected: 07/08/16 06:44
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3510	B	5.0	0.85	ug/L	D	07/15/16 08:45	07/22/16 20:00	5

Client Sample ID: T-504-KS-03A

Lab Sample ID: 480-102880-38

Date Collected: 07/08/16 06:48
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.6		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:40	1

Client Sample ID: T-504-KS-04A

Lab Sample ID: 480-102880-40

Date Collected: 07/08/16 06:50
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:43	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-03A

Lab Sample ID: 480-102880-42

Matrix: Water

Date Collected: 07/08/16 06:54
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.1		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:46	1

Client Sample ID: T-504-BF-01A

Lab Sample ID: 480-102880-44

Matrix: Water

Date Collected: 07/08/16 06:52
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.32	J	1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:49	1

Client Sample ID: T-504-CS-04A

Lab Sample ID: 480-102880-46

Matrix: Water

Date Collected: 07/08/16 06:57
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	107		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:52	1

Client Sample ID: T-504-CS-05A

Lab Sample ID: 480-102880-48

Matrix: Water

Date Collected: 07/08/16 06:59
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	78.7		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:54	1

Client Sample ID: T-504-DF-04A

Lab Sample ID: 480-102880-50

Matrix: Water

Date Collected: 07/08/16 07:01
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.6		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 05:57	1

Client Sample ID: T-504-CS-06A

Lab Sample ID: 480-102880-52

Matrix: Water

Date Collected: 07/08/16 07:06
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	105		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 06:00	1

Client Sample ID: T-504-CS-07A

Lab Sample ID: 480-102880-54

Matrix: Water

Date Collected: 07/08/16 07:08
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	115		1.0	0.17	ug/L	D	07/14/16 16:00	07/22/16 06:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-08A

Lab Sample ID: 480-102880-56

Matrix: Water

Date Collected: 07/08/16 07:11
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	83.1	B	1.0	0.17	ug/L		07/15/16 08:45	07/22/16 20:16	1

Client Sample ID: T-504-CS-09A

Lab Sample ID: 480-102880-58

Matrix: Water

Date Collected: 07/08/16 07:13
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	84.0		1.0	0.17	ug/L		07/14/16 16:00	07/22/16 06:15	1

Client Sample ID: T-504-KS-05A

Lab Sample ID: 480-102880-60

Matrix: Water

Date Collected: 07/08/16 07:17
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.1		1.0	0.17	ug/L		07/14/16 16:00	07/22/16 06:18	1

Client Sample ID: T-504-KS-06A

Lab Sample ID: 480-102880-62

Matrix: Water

Date Collected: 07/08/16 07:19
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.6		1.0	0.17	ug/L		07/14/16 16:00	07/22/16 06:21	1

Client Sample ID: T-504-KS-07A

Lab Sample ID: 480-102880-64

Matrix: Water

Date Collected: 07/08/16 07:21
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.8		1.0	0.17	ug/L		07/14/16 16:30	07/22/16 15:59	1

Client Sample ID: T-504-KS-08A

Lab Sample ID: 480-102880-66

Matrix: Water

Date Collected: 07/08/16 07:23
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14.7	B	1.0	0.17	ug/L		07/15/16 08:45	07/22/16 20:19	1

Client Sample ID: T-504-KS-09A

Lab Sample ID: 480-102880-68

Matrix: Water

Date Collected: 07/08/16 07:41
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.6		1.0	0.17	ug/L		07/14/16 16:30	07/22/16 16:15	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-BF-02A

Lab Sample ID: 480-102880-70

Date Collected: 07/08/16 07:28
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:18	1

Client Sample ID: T-504-CS-10A

Lab Sample ID: 480-102880-72

Date Collected: 07/08/16 07:26
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21.0		1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:27	1

Client Sample ID: T-504-DF-05A

Lab Sample ID: 480-102880-74

Date Collected: 07/08/16 07:31
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.1		1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:30	1

Client Sample ID: T-504-CS-11A

Lab Sample ID: 480-102880-76

Date Collected: 07/08/16 07:33
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	29.4		1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:33	1

Client Sample ID: T-504-DF-07A

Lab Sample ID: 480-102880-78

Date Collected: 07/08/16 07:51
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18.7		1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:36	1

Client Sample ID: T-504-CS-12A

Lab Sample ID: 480-102880-80

Date Collected: 07/08/16 07:47
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	23.4		1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:38	1

Client Sample ID: T-504-CS-13A

Lab Sample ID: 480-102880-82

Date Collected: 07/08/16 07:49
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	142		1.0	0.17	ug/L	D	07/14/16 16:30	07/22/16 16:41	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-14A

Lab Sample ID: 480-102880-84

Matrix: Water

Date Collected: 07/08/16 07:44
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.1		1.0	0.17	ug/L		07/14/16 16:30	07/22/16 16:44	1

Client Sample ID: T-504-NS-01A

Lab Sample ID: 480-102880-86

Matrix: Water

Date Collected: 07/08/16 07:39
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.4		1.0	0.17	ug/L		07/14/16 16:30	07/22/16 16:47	1

Client Sample ID: T-504-KS-10A

Lab Sample ID: 480-102880-88

Matrix: Water

Date Collected: 07/08/16 07:37
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.2		1.0	0.17	ug/L		07/14/16 16:30	07/22/16 16:50	1

Client Sample ID: T-504-CS-15A

Lab Sample ID: 480-102880-90

Matrix: Water

Date Collected: 07/08/16 07:55
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	50.9	B	1.0	0.17	ug/L		07/15/16 08:45	07/22/16 20:23	1

Client Sample ID: T-504-CS-16A

Lab Sample ID: 480-102880-92

Matrix: Water

Date Collected: 07/08/16 07:57
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.3		1.0	0.17	ug/L		07/14/16 16:30	07/22/16 17:02	1

Client Sample ID: T-504-DF-06A

Lab Sample ID: 480-102880-94

Matrix: Water

Date Collected: 07/08/16 07:59
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.27	J	1.0	0.17	ug/L		07/14/16 16:30	07/22/16 17:04	1

QC Sample Results

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

TestAmerica Job ID: 480-102880-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-310763/1-A

Matrix: Water

Analysis Batch: 312474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/14/16 15:30	07/22/16 03:49	1

Lab Sample ID: LCS 480-310763/2-A

Matrix: Water

Analysis Batch: 312474

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	20.97		ug/L		105	85 - 115

Lab Sample ID: 480-102880-1 MS

Matrix: Water

Analysis Batch: 312474

Client Sample ID: S-492-KS-02A

Prep Type: Total/NA

Prep Batch: 310763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	43.9		20.0	65.84		ug/L		110	70 - 130

Lab Sample ID: 480-102880-1 MSD

Matrix: Water

Analysis Batch: 312474

Client Sample ID: S-492-KS-02A

Prep Type: Total/NA

Prep Batch: 310763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Lead	43.9		20.0	66.91		ug/L		115	70 - 130	2	20

Lab Sample ID: 480-102880-30 MS

Matrix: Water

Analysis Batch: 312474

Client Sample ID: W-304-KS-06A

Prep Type: Total/NA

Prep Batch: 310763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	6.2		20.0	29.05		ug/L		114	70 - 130

Lab Sample ID: 480-102880-30 MSD

Matrix: Water

Analysis Batch: 312474

Client Sample ID: W-304-KS-06A

Prep Type: Total/NA

Prep Batch: 310763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Lead	6.2		20.0	27.85		ug/L		108	70 - 130	4	20

Lab Sample ID: MB 480-310765/1-A

Matrix: Water

Analysis Batch: 312474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/14/16 16:00	07/22/16 05:11	1

Lab Sample ID: LCS 480-310765/2-A

Matrix: Water

Analysis Batch: 312474

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	22.28		ug/L		111	85 - 115

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-102880-1

1

Lab Sample ID: 480-102880-32 MS
Matrix: Water
Analysis Batch: 312474

Client Sample ID: T-504-DF-03A
Prep Type: Total/NA
Prep Batch: 310765

2

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
	Lead	0.17 U	20.0	20.94		ug/L	105		Limits

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5

Lab Sample ID: 480-102880-32 MSD
Matrix: Water
Analysis Batch: 312474

Client Sample ID: T-504-DF-03A
Prep Type: Total/NA
Prep Batch: 310765

6

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
	Lead	0.17 U	20.0	21.99		ug/L	110		Limits	RPD Limit

7

8

Lab Sample ID: 480-102880-62 MS
Matrix: Water
Analysis Batch: 312474

Client Sample ID: T-504-KS-06A
Prep Type: Total/NA
Prep Batch: 310765

9

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
	Lead	7.6	20.0	29.31		ug/L	109		Limits

10

11

Lab Sample ID: 480-102880-62 MSD
Matrix: Water
Analysis Batch: 312474

Client Sample ID: T-504-KS-06A
Prep Type: Total/NA
Prep Batch: 310765

12

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
	Lead	7.6	20.0	29.66		ug/L	110		Limits	RPD Limit

13

14

Lab Sample ID: MB 480-310766/1-A
Matrix: Water
Analysis Batch: 312596

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 310766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Lead	0.17 U	1.0	0.17	ug/L	0	07/14/16 16:30	07/22/16 15:54	1

15

Lab Sample ID: LCS 480-310766/2-A
Matrix: Water
Analysis Batch: 312596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 310766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Lead	20.0	22.11	ug/L	111		85 - 115

16

Lab Sample ID: 480-102880-64 MS
Matrix: Water
Analysis Batch: 312596

Client Sample ID: T-504-KS-07A
Prep Type: Total/NA
Prep Batch: 310766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
	Lead	5.8	20.0	26.29		ug/L	103		Limits

17

Lab Sample ID: 480-102880-64 MSD
Matrix: Water
Analysis Batch: 312596

Client Sample ID: T-504-KS-07A
Prep Type: Total/NA
Prep Batch: 310766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD
	Lead	5.8	20.0	27.06		ug/L	107		Limits	RPD Limit

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TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-102880-1

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

Lab Sample ID: 480-102880-94 MS

Matrix: Water

Analysis Batch: 312596

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Lead	0.27	J	20.0	20.76		ug/L	102	70 - 130	

Lab Sample ID: 480-102880-94 MSD

Matrix: Water

Analysis Batch: 312596

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier					
Lead	0.27	J	20.0	21.45		ug/L	106	70 - 130	3	20

Lab Sample ID: MB 480-311266/1-A

Matrix: Water

Analysis Batch: 312596

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.689	J	1.0	0.17	ug/L		07/15/16 08:45	07/22/16 19:53	1

Lab Sample ID: LCS 480-311266/2-A

Matrix: Water

Analysis Batch: 312596

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits
	Added	Result	Qualifier				
Lead	20.0	20.98		ug/L	105	85 - 115	

Lab Sample ID: 480-102880-36 MS

Matrix: Water

Analysis Batch: 312596

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Lead	3510	B	20.0	2962	4	ug/L	-2719	70 - 130	

Lab Sample ID: 480-102880-36 MSD

Matrix: Water

Analysis Batch: 312596

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier					
Lead	3510	B	20.0	2980	4	ug/L	-2631	70 - 130	1	20

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TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102880-1

Metals

Prep Batch: 310763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-1	S-492-KS-02A	Total/NA	Water	200 Series	1
480-102880-3	S-492-DF-02A	Total/NA	Water	200 Series	2
480-102880-5	S-492-KS-03A	Total/NA	Water	200 Series	3
480-102880-7	S-492-IM 01A	Total/NA	Water	200 Series	4
480-102880-8	S-492-DF-03A	Total/NA	Water	200 Series	5
480-102880-10	S-492-NS-01A	Total/NA	Water	200 Series	6
480-102880-12	S-492-DF-04A	Total/NA	Water	200 Series	7
480-102880-14	W-304-NS-01A	Total/NA	Water	200 Series	8
480-102880-16	W-304-KS-02A	Total/NA	Water	200 Series	9
480-102880-18	W-304-KS-03A	Total/NA	Water	200 Series	10
480-102880-20	W-304-KS-04A	Total/NA	Water	200 Series	11
480-102880-22	W-304-DF-03A	Total/NA	Water	200 Series	12
480-102880-24	W-304-KS-05A	Total/NA	Water	200 Series	13
480-102880-26	W-304-DF-04A	Total/NA	Water	200 Series	14
480-102880-28	W-304-NS-02A	Total/NA	Water	200 Series	
480-102880-30	W-304-KS-06A	Total/NA	Water	200 Series	
MB 480-310763/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-310763/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102880-1 MS	S-492-KS-02A	Total/NA	Water	200 Series	
480-102880-1 MSD	S-492-KS-02A	Total/NA	Water	200 Series	
480-102880-30 MS	W-304-KS-06A	Total/NA	Water	200 Series	
480-102880-30 MSD	W-304-KS-06A	Total/NA	Water	200 Series	

Prep Batch: 310765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-32	T-504-DF-03A	Total/NA	Water	200 Series	1
480-102880-34	T-504-CS-01A	Total/NA	Water	200 Series	2
480-102880-38	T-504-KS-03A	Total/NA	Water	200 Series	3
480-102880-40	T-504-KS-04A	Total/NA	Water	200 Series	4
480-102880-42	T-504-CS-03A	Total/NA	Water	200 Series	5
480-102880-44	T-504-BF-01A	Total/NA	Water	200 Series	6
480-102880-46	T-504-CS-04A	Total/NA	Water	200 Series	7
480-102880-48	T-504-CS-05A	Total/NA	Water	200 Series	8
480-102880-50	T-504-DF-04A	Total/NA	Water	200 Series	9
480-102880-52	T-504-CS-06A	Total/NA	Water	200 Series	10
480-102880-54	T-504-CS-07A	Total/NA	Water	200 Series	11
480-102880-58	T-504-CS-09A	Total/NA	Water	200 Series	12
480-102880-60	T-504-KS-05A	Total/NA	Water	200 Series	13
480-102880-62	T-504-KS-06A	Total/NA	Water	200 Series	14
MB 480-310765/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-310765/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102880-32 MS	T-504-DF-03A	Total/NA	Water	200 Series	
480-102880-32 MSD	T-504-DF-03A	Total/NA	Water	200 Series	
480-102880-62 MS	T-504-KS-06A	Total/NA	Water	200 Series	
480-102880-62 MSD	T-504-KS-06A	Total/NA	Water	200 Series	

Prep Batch: 310766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-64	T-504-KS-07A	Total/NA	Water	200 Series	1
480-102880-68	T-504-KS-09A	Total/NA	Water	200 Series	2
480-102880-70	T-504-BF-02A	Total/NA	Water	200 Series	3

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102880-1

Metals (Continued)

Prep Batch: 310766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-72	T-504-CS-10A	Total/NA	Water	200 Series	1
480-102880-74	T-504-DF-05A	Total/NA	Water	200 Series	2
480-102880-76	T-504-CS-11A	Total/NA	Water	200 Series	3
480-102880-78	T-504-DF-07A	Total/NA	Water	200 Series	4
480-102880-80	T-504-CS-12A	Total/NA	Water	200 Series	5
480-102880-82	T-504-CS-13A	Total/NA	Water	200 Series	6
480-102880-84	T-504-CS-14A	Total/NA	Water	200 Series	7
480-102880-86	T-504-NS-01A	Total/NA	Water	200 Series	8
480-102880-88	T-504-KS-10A	Total/NA	Water	200 Series	9
480-102880-92	T-504-CS-16A	Total/NA	Water	200 Series	10
480-102880-94	T-504-DF-06A	Total/NA	Water	200 Series	11
MB 480-310766/1-A	Method Blank	Total/NA	Water	200 Series	12
LCS 480-310766/2-A	Lab Control Sample	Total/NA	Water	200 Series	13
480-102880-64 MS	T-504-KS-07A	Total/NA	Water	200 Series	14
480-102880-64 MSD	T-504-KS-07A	Total/NA	Water	200 Series	
480-102880-94 MS	T-504-DF-06A	Total/NA	Water	200 Series	
480-102880-94 MSD	T-504-DF-06A	Total/NA	Water	200 Series	

Prep Batch: 311266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-36	T-504-CS-02A	Total/NA	Water	200.8	1
480-102880-56	T-504-CS-08A	Total/NA	Water	200.8	2
480-102880-66	T-504-KS-08A	Total/NA	Water	200.8	3
480-102880-90	T-504-CS-15A	Total/NA	Water	200.8	4
MB 480-311266/1-A	Method Blank	Total/NA	Water	200.8	5
LCS 480-311266/2-A	Lab Control Sample	Total/NA	Water	200.8	6
480-102880-36 MS	T-504-CS-02A	Total/NA	Water	200.8	7
480-102880-36 MSD	T-504-CS-02A	Total/NA	Water	200.8	8

Analysis Batch: 312474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-1	S-492-KS-02A	Total/NA	Water	200.8	310763
480-102880-3	S-492-DF-02A	Total/NA	Water	200.8	310763
480-102880-5	S-492-KS-03A	Total/NA	Water	200.8	310763
480-102880-7	S-492-IM 01A	Total/NA	Water	200.8	310763
480-102880-8	S-492-DF-03A	Total/NA	Water	200.8	310763
480-102880-10	S-492-NS-01A	Total/NA	Water	200.8	310763
480-102880-12	S-492-DF-04A	Total/NA	Water	200.8	310763
480-102880-14	W-304-NS-01A	Total/NA	Water	200.8	310763
480-102880-16	W-304-KS-02A	Total/NA	Water	200.8	310763
480-102880-18	W-304-KS-03A	Total/NA	Water	200.8	310763
480-102880-20	W-304-KS-04A	Total/NA	Water	200.8	310763
480-102880-22	W-304-DF-03A	Total/NA	Water	200.8	310763
480-102880-24	W-304-KS-05A	Total/NA	Water	200.8	310763
480-102880-26	W-304-DF-04A	Total/NA	Water	200.8	310763
480-102880-28	W-304-NS-02A	Total/NA	Water	200.8	310763
480-102880-30	W-304-KS-06A	Total/NA	Water	200.8	310763
480-102880-32	T-504-DF-03A	Total/NA	Water	200.8	310765
480-102880-34	T-504-CS-01A	Total/NA	Water	200.8	310765
480-102880-38	T-504-KS-03A	Total/NA	Water	200.8	310765
480-102880-40	T-504-KS-04A	Total/NA	Water	200.8	310765

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102880-1

Metals (Continued)

Analysis Batch: 312474 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-42	T-504-CS-03A	Total/NA	Water	200.8	310765
480-102880-44	T-504-BF-01A	Total/NA	Water	200.8	310765
480-102880-46	T-504-CS-04A	Total/NA	Water	200.8	310765
480-102880-48	T-504-CS-05A	Total/NA	Water	200.8	310765
480-102880-50	T-504-DF-04A	Total/NA	Water	200.8	310765
480-102880-52	T-504-CS-06A	Total/NA	Water	200.8	310765
480-102880-54	T-504-CS-07A	Total/NA	Water	200.8	310765
480-102880-58	T-504-CS-09A	Total/NA	Water	200.8	310765
480-102880-60	T-504-KS-05A	Total/NA	Water	200.8	310765
480-102880-62	T-504-KS-06A	Total/NA	Water	200.8	310765
MB 480-310763/1-A	Method Blank	Total/NA	Water	200.8	310763
MB 480-310765/1-A	Method Blank	Total/NA	Water	200.8	310765
LCS 480-310763/2-A	Lab Control Sample	Total/NA	Water	200.8	310763
LCS 480-310765/2-A	Lab Control Sample	Total/NA	Water	200.8	310765
480-102880-1 MS	S-492-KS-02A	Total/NA	Water	200.8	310763
480-102880-1 MSD	S-492-KS-02A	Total/NA	Water	200.8	310763
480-102880-30 MS	W-304-KS-06A	Total/NA	Water	200.8	310763
480-102880-30 MSD	W-304-KS-06A	Total/NA	Water	200.8	310763
480-102880-32 MS	T-504-DF-03A	Total/NA	Water	200.8	310765
480-102880-32 MSD	T-504-DF-03A	Total/NA	Water	200.8	310765
480-102880-62 MS	T-504-KS-06A	Total/NA	Water	200.8	310765
480-102880-62 MSD	T-504-KS-06A	Total/NA	Water	200.8	310765

Analysis Batch: 312596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-36	T-504-CS-02A	Total/NA	Water	200.8	311266
480-102880-56	T-504-CS-08A	Total/NA	Water	200.8	311266
480-102880-64	T-504-KS-07A	Total/NA	Water	200.8	310766
480-102880-66	T-504-KS-08A	Total/NA	Water	200.8	311266
480-102880-68	T-504-KS-09A	Total/NA	Water	200.8	310766
480-102880-70	T-504-BF-02A	Total/NA	Water	200.8	310766
480-102880-72	T-504-CS-10A	Total/NA	Water	200.8	310766
480-102880-74	T-504-DF-05A	Total/NA	Water	200.8	310766
480-102880-76	T-504-CS-11A	Total/NA	Water	200.8	310766
480-102880-78	T-504-DF-07A	Total/NA	Water	200.8	310766
480-102880-80	T-504-CS-12A	Total/NA	Water	200.8	310766
480-102880-82	T-504-CS-13A	Total/NA	Water	200.8	310766
480-102880-84	T-504-CS-14A	Total/NA	Water	200.8	310766
480-102880-86	T-504-NS-01A	Total/NA	Water	200.8	310766
480-102880-88	T-504-KS-10A	Total/NA	Water	200.8	310766
480-102880-90	T-504-CS-15A	Total/NA	Water	200.8	311266
480-102880-92	T-504-CS-16A	Total/NA	Water	200.8	310766
480-102880-94	T-504-DF-06A	Total/NA	Water	200.8	310766
MB 480-310766/1-A	Method Blank	Total/NA	Water	200.8	310766
MB 480-311266/1-A	Method Blank	Total/NA	Water	200.8	311266
LCS 480-310766/2-A	Lab Control Sample	Total/NA	Water	200.8	310766
LCS 480-311266/2-A	Lab Control Sample	Total/NA	Water	200.8	311266
480-102880-36 MS	T-504-CS-02A	Total/NA	Water	200.8	311266
480-102880-36 MSD	T-504-CS-02A	Total/NA	Water	200.8	311266
480-102880-64 MS	T-504-KS-07A	Total/NA	Water	200.8	310766
480-102880-64 MSD	T-504-KS-07A	Total/NA	Water	200.8	310766

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102880-1

Metals (Continued)

Analysis Batch: 312596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-94 MS	T-504-DF-06A	Total/NA	Water	200.8	310766
480-102880-94 MSD	T-504-DF-06A	Total/NA	Water	200.8	310766

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Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: S-492-KS-02A

Date Collected: 07/08/16 07:10

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 03:55	MTM2	TAL BUF

Client Sample ID: S-492-DF-02A

Date Collected: 07/08/16 07:28

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:06	MTM2	TAL BUF

Client Sample ID: S-492-KS-03A

Date Collected: 07/08/16 07:15

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:09	MTM2	TAL BUF

Client Sample ID: S-492-IM 01A

Date Collected: 07/08/16 07:18

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:12	MTM2	TAL BUF

Client Sample ID: S-492-DF-03A

Date Collected: 07/08/16 07:25

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:14	MTM2	TAL BUF

Client Sample ID: S-492-NS-01A

Date Collected: 07/08/16 07:12

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:24	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: S-492-DF-04A

Date Collected: 07/08/16 07:21
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:27	MTM2	TAL BUF

Client Sample ID: W-304-NS-01A

Date Collected: 07/08/16 07:54
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:30	MTM2	TAL BUF

Client Sample ID: W-304-KS-02A

Date Collected: 07/08/16 07:57
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:32	MTM2	TAL BUF

Client Sample ID: W-304-KS-03A

Date Collected: 07/08/16 08:00
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:35	MTM2	TAL BUF

Client Sample ID: W-304-KS-04A

Date Collected: 07/08/16 08:02
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:38	MTM2	TAL BUF

Client Sample ID: W-304-DF-03A

Date Collected: 07/08/16 08:04
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:41	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: W-304-KS-05A

Date Collected: 07/08/16 08:07
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:44	MTM2	TAL BUF

Client Sample ID: W-304-DF-04A

Date Collected: 07/08/16 08:11
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:46	MTM2	TAL BUF

Client Sample ID: W-304-NS-02A

Date Collected: 07/08/16 08:14
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:49	MTM2	TAL BUF

Client Sample ID: W-304-KS-06A

Date Collected: 07/08/16 08:17
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310763	07/14/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 04:59	MTM2	TAL BUF

Client Sample ID: T-504-DF-03A

Date Collected: 07/08/16 06:46
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:17	MTM2	TAL BUF

Client Sample ID: T-504-CS-01A

Date Collected: 07/08/16 06:42
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:28	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-02A

Date Collected: 07/08/16 06:44
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			311266	07/15/16 08:45	BAE	TAL BUF
Total/NA	Analysis	200.8		5	312596	07/22/16 20:00	TRB	TAL BUF

Client Sample ID: T-504-KS-03A

Date Collected: 07/08/16 06:48
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:40	MTM2	TAL BUF

Client Sample ID: T-504-KS-04A

Date Collected: 07/08/16 06:50
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:43	MTM2	TAL BUF

Client Sample ID: T-504-CS-03A

Date Collected: 07/08/16 06:54
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-42

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:46	MTM2	TAL BUF

Client Sample ID: T-504-BF-01A

Date Collected: 07/08/16 06:52
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:49	MTM2	TAL BUF

Client Sample ID: T-504-CS-04A

Date Collected: 07/08/16 06:57
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:52	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-05A

Date Collected: 07/08/16 06:59
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:54	MTM2	TAL BUF

Client Sample ID: T-504-DF-04A

Date Collected: 07/08/16 07:01
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 05:57	MTM2	TAL BUF

Client Sample ID: T-504-CS-06A

Date Collected: 07/08/16 07:06
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-52

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 06:00	MTM2	TAL BUF

Client Sample ID: T-504-CS-07A

Date Collected: 07/08/16 07:08
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-54

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 06:03	MTM2	TAL BUF

Client Sample ID: T-504-CS-08A

Date Collected: 07/08/16 07:11
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-56

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			311266	07/15/16 08:45	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 20:16	TRB	TAL BUF

Client Sample ID: T-504-CS-09A

Date Collected: 07/08/16 07:13
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-58

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 06:15	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-KS-05A

Date Collected: 07/08/16 07:17
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-60

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 06:18	MTM2	TAL BUF

Client Sample ID: T-504-KS-06A

Date Collected: 07/08/16 07:19
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-62

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310765	07/14/16 16:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312474	07/22/16 06:21	MTM2	TAL BUF

Client Sample ID: T-504-KS-07A

Date Collected: 07/08/16 07:21
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-64

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 15:59	TRB	TAL BUF

Client Sample ID: T-504-KS-08A

Date Collected: 07/08/16 07:23
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-66

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			311266	07/15/16 08:45	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 20:19	TRB	TAL BUF

Client Sample ID: T-504-KS-09A

Date Collected: 07/08/16 07:41
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-68

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:15	TRB	TAL BUF

Client Sample ID: T-504-BF-02A

Date Collected: 07/08/16 07:28
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-70

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:18	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-10A

Date Collected: 07/08/16 07:26
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-72

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:27	TRB	TAL BUF

Client Sample ID: T-504-DF-05A

Date Collected: 07/08/16 07:31
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-74

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:30	TRB	TAL BUF

Client Sample ID: T-504-CS-11A

Date Collected: 07/08/16 07:33
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-76

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:33	TRB	TAL BUF

Client Sample ID: T-504-DF-07A

Date Collected: 07/08/16 07:51
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-78

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:36	TRB	TAL BUF

Client Sample ID: T-504-CS-12A

Date Collected: 07/08/16 07:47
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-80

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:38	TRB	TAL BUF

Client Sample ID: T-504-CS-13A

Date Collected: 07/08/16 07:49
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-82

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:41	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

Client Sample ID: T-504-CS-14A

Date Collected: 07/08/16 07:44
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-84

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:44	TRB	TAL BUF

Client Sample ID: T-504-NS-01A

Date Collected: 07/08/16 07:39
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-86

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:47	TRB	TAL BUF

Client Sample ID: T-504-KS-10A

Date Collected: 07/08/16 07:37
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-88

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 16:50	TRB	TAL BUF

Client Sample ID: T-504-CS-15A

Date Collected: 07/08/16 07:55
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-90

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			311266	07/15/16 08:45	BAE	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 20:23	TRB	TAL BUF

Client Sample ID: T-504-CS-16A

Date Collected: 07/08/16 07:57
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-92

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:02	TRB	TAL BUF

Client Sample ID: T-504-DF-06A

Date Collected: 07/08/16 07:59
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-94

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			310766	07/14/16 16:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:04	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-1

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: 480-102880-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method	Prep Method	Matrix	Analyte	

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

Method Summary

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

TestAmerica Job ID: 480-102880-1

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

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: 480-102880-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102880-1	S-492-KS-02A	Water	07/08/16 07:10	07/09/16 09:00
480-102880-3	S-492-DF-02A	Water	07/08/16 07:28	07/09/16 09:00
480-102880-5	S-492-KS-03A	Water	07/08/16 07:15	07/09/16 09:00
480-102880-7	S-492-IM 01A	Water	07/08/16 07:18	07/09/16 09:00
480-102880-8	S-492-DF-03A	Water	07/08/16 07:25	07/09/16 09:00
480-102880-10	S-492-NS-01A	Water	07/08/16 07:12	07/09/16 09:00
480-102880-12	S-492-DF-04A	Water	07/08/16 07:21	07/09/16 09:00
480-102880-14	W-304-NS-01A	Water	07/08/16 07:54	07/09/16 09:00
480-102880-16	W-304-KS-02A	Water	07/08/16 07:57	07/09/16 09:00
480-102880-18	W-304-KS-03A	Water	07/08/16 08:00	07/09/16 09:00
480-102880-20	W-304-KS-04A	Water	07/08/16 08:02	07/09/16 09:00
480-102880-22	W-304-DF-03A	Water	07/08/16 08:04	07/09/16 09:00
480-102880-24	W-304-KS-05A	Water	07/08/16 08:07	07/09/16 09:00
480-102880-26	W-304-DF-04A	Water	07/08/16 08:11	07/09/16 09:00
480-102880-28	W-304-NS-02A	Water	07/08/16 08:14	07/09/16 09:00
480-102880-30	W-304-KS-06A	Water	07/08/16 08:17	07/09/16 09:00
480-102880-32	T-504-DF-03A	Water	07/08/16 06:46	07/09/16 09:00
480-102880-34	T-504-CS-01A	Water	07/08/16 06:42	07/09/16 09:00
480-102880-36	T-504-CS-02A	Water	07/08/16 06:44	07/09/16 09:00
480-102880-38	T-504-KS-03A	Water	07/08/16 06:48	07/09/16 09:00
480-102880-40	T-504-KS-04A	Water	07/08/16 06:50	07/09/16 09:00
480-102880-42	T-504-CS-03A	Water	07/08/16 06:54	07/09/16 09:00
480-102880-44	T-504-BF-01A	Water	07/08/16 06:52	07/09/16 09:00
480-102880-46	T-504-CS-04A	Water	07/08/16 06:57	07/09/16 09:00
480-102880-48	T-504-CS-05A	Water	07/08/16 06:59	07/09/16 09:00
480-102880-50	T-504-DF-04A	Water	07/08/16 07:01	07/09/16 09:00
480-102880-52	T-504-CS-06A	Water	07/08/16 07:06	07/09/16 09:00
480-102880-54	T-504-CS-07A	Water	07/08/16 07:08	07/09/16 09:00
480-102880-56	T-504-CS-08A	Water	07/08/16 07:11	07/09/16 09:00
480-102880-58	T-504-CS-09A	Water	07/08/16 07:13	07/09/16 09:00
480-102880-60	T-504-KS-05A	Water	07/08/16 07:17	07/09/16 09:00
480-102880-62	T-504-KS-06A	Water	07/08/16 07:19	07/09/16 09:00
480-102880-64	T-504-KS-07A	Water	07/08/16 07:21	07/09/16 09:00
480-102880-66	T-504-KS-08A	Water	07/08/16 07:23	07/09/16 09:00
480-102880-68	T-504-KS-09A	Water	07/08/16 07:41	07/09/16 09:00
480-102880-70	T-504-BF-02A	Water	07/08/16 07:28	07/09/16 09:00
480-102880-72	T-504-CS-10A	Water	07/08/16 07:26	07/09/16 09:00
480-102880-74	T-504-DF-05A	Water	07/08/16 07:31	07/09/16 09:00
480-102880-76	T-504-CS-11A	Water	07/08/16 07:33	07/09/16 09:00
480-102880-78	T-504-DF-07A	Water	07/08/16 07:51	07/09/16 09:00
480-102880-80	T-504-CS-12A	Water	07/08/16 07:47	07/09/16 09:00
480-102880-82	T-504-CS-13A	Water	07/08/16 07:49	07/09/16 09:00
480-102880-84	T-504-CS-14A	Water	07/08/16 07:44	07/09/16 09:00
480-102880-86	T-504-NS-01A	Water	07/08/16 07:39	07/09/16 09:00
480-102880-88	T-504-KS-10A	Water	07/08/16 07:37	07/09/16 09:00
480-102880-90	T-504-CS-15A	Water	07/08/16 07:55	07/09/16 09:00
480-102880-92	T-504-CS-16A	Water	07/08/16 07:57	07/09/16 09:00
480-102880-94	T-504-DF-06A	Water	07/08/16 07:59	07/09/16 09:00

TestAmerica Buffalo

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Chain of Custody Record

480501-Albany

Client Information

Client Contact:

Ms. Regina Camilli

Company:

CHA Inc

Address:

1111 Winners Circle PO BOX 5269
Albany

City:

State, Zip:

NY, 12205-0269

Phone:

518-453-4500 (Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Due Date Requested:

TAT Requested (days):

5 days

Phone:

(518)435-4500

E-Mail:

judy.stone@testamericainc.com

Analysis Requested

Carrier Tracking No(s):

Stone, Judy L

Carrier Tracking No(s):

480-102880 Chain of Custody

Sample ID#:

SSOW#:

2008 - COP Metabolites Single Element

Elemental MS/MS (Yes or No)

Field Enclosed Sample (Yes or No)

Send Sample MIS/MSD (Yes or No)

Other:

Sample ID#:

Lab PM#:

E-Mail:

Phone:

Carrier Tracking No(s):

Stone, Judy L

Carrier Tracking No(s):

480-102880 Chain of Custody

Carrier Tracking No(s):

480-102880 Chain of

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTS

THE LEADER IN ENVIRONMENTAL TESTS

Client Information		Sampler: Will Pierce	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 46D-74091-45571-27
Client Contact:	Ms. Regina Camilli	Phone: (518) 435-4500	E-Mail: judy.stone@testamericaninc.com	Page: 2 of 9	Job #:
Analysis Requested					
<input checked="" type="checkbox"/> Total Number of containers <input type="checkbox"/> 100-8 - CCP Metals Single Element <input type="checkbox"/> 200-8 - CCP Metals Multi Element <input type="checkbox"/> 400-11 Interfaced Sample (yes or no) <input type="checkbox"/> 500-11 ICP-MS/MSD/MSQ (yes or no)					
Special Instructions/Note: Please hold sample					
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp., G=Grab)	Matrix (W=water, S=solid, O=oil, A=air)	Preservation Code:
S-492-DF-04A	7-8-16	7:31	G	Water	<input checked="" type="checkbox"/> D
S-492-DF-04B		7:28		Water	<input checked="" type="checkbox"/> D
VN-304-NS-01A		7:54		Water	<input checked="" type="checkbox"/> D
VN-304-NS-01B		7:55		Water	<input checked="" type="checkbox"/> D
VN-304-KS-02A		7:57		Water	<input checked="" type="checkbox"/> D
VN-304-KS-02B		7:58		Water	<input checked="" type="checkbox"/> D
VN-304-KS-03A		8:00		Water	<input checked="" type="checkbox"/> D
VN-304-KS-03B		8:01		Water	<input checked="" type="checkbox"/> D
VN-304-KS-04A		8:03		Water	<input checked="" type="checkbox"/> D
VN-304-KS-04B		8:03		Water	<input checked="" type="checkbox"/> D
VN-304-DF-03A		8:04		Water	<input checked="" type="checkbox"/> D
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)					
Empty Kit Relinquished by: Relinquished by: <i>Regalized Web</i> Date/Time: 7-8-16 / 1350 Company Received by: <i>Jim Knollman</i> Date/Time: 7-8-16 / 1800 Company Method of Shipment:					
Relinquished by: <i>Jim Knollman</i> Date/Time: 7-8-16 / 1800 Company Received by: <i>Jim Knollman</i> Date/Time: 7-8-16 / 1800 Company					
Cooler Temperature(s) °C and Other Remarks: Cooler Temperature(s) °C and Other Remarks: <i>#1319</i>					

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Edison, NJ 08817
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480501-Albany **Chain of Custody Record**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:
Ms. Rogina Camilli
Company:
CHA Inc

Address:
1111 Winners Circle PO BOX 5299

Client Information
Sampler: Will Pierce
Phone: (516) 435-4500
E-Mail: judy.stone@testamericainc.com

City: Albany
State, Zip: NY 12205-0269

Phone: 518-453-4500(Tel)
Email: rcamilli@chacompanies.com
Project Name:
Bergen County, NJ
Site:

Due Date Requested:

TAT Requested (days):

5 days

PO #:

31521-1000-44200

WO #:

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

(C=Comp,
G=grab)

Preservation Code:

D

Matrix

(W=water,
S=solid,
C=consolidated,
A=air)

Time:

Analysis Requested

200-8 -1PC Polaris Single Element

Field Filtered Sample (Yes or No)

Reagent-MSDS (Yes or No)

Total Number of Contaminants

Special Instructions/Note:

Please hold sample

TestAmerica Edison

480501-Albany
Chain of Custody Record

777 New Durham Road
Edison, NJ 08817
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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTS

Client Information		Sampler: <u>Will Pierce</u>	Lab P/M: <u>Judy L Stone</u>	Carrier Tracking No(s):	COC No: 460-74091-45571-30		
Client Contact:	Ms. Rogina Carnilli	Phone: <u>(518) 435-4500</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Page: <u>5 of 9</u>	Job #:		
Company:	CHA Inc	Analysis Requested					
Address:	1111 Winners Circle PO BOX 5269	Due Date Requested:					
City:	Albany	TAT Requested (days):	<u>5 days</u>				
State, Zip:	NY, 12205-0269	PO #:	31521-1000 44200				
Phone:	518-435-4500 (Tel)	WO #:					
Email:	rcarnilli@chacompanies.com	Project #:	46020240				
Project Name:	Bergen County, NJ	SSOW#:					
Site:			Sample Date	Sample Time	Sample Type (C=Comp; G=grab)	Matrix (W=water, S=solid, C=carbonate, A=air)	Preservation Code
Sample Identification							D
<u>T-SD4-BF-01B</u>		7-8-16	1053	C	Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-04A</u>			1057		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-04B</u>			1058		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-05A</u>			1059		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-05B</u>			1060		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-DF-04A</u>			1061		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-DF-04B</u>			1062		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-06A</u>			1063		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-06B</u>			1064		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-07A</u>			1065		Water		<input checked="" type="checkbox"/> Please hold Sample
<u>T-SD4-CS-07B</u>			1066		Water		<input checked="" type="checkbox"/> Please hold Sample
Possible Hazard Identification	<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Unknown	<input type="checkbox"/> Radio logical	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months	
Deliverable Requested: I, II, III, IV, Other (specify)							Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: <u>Elyse Hart Woz</u>	Date/Time: <u>7-8-16 / 1350</u>	Received by: <u>Judy L Stone</u>	Date/Time: <u>7-8-16 1350</u>				
Relinquished by: <u>JK Noiling</u>	Date/Time: <u>7-8-16 1800</u>	Received by: <u>TA Anne</u>	Date/Time: <u>7-8-16 1800</u>				
Relinquished by:	Date/Time:	Received by:	Date/Time:				
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: <u></u>						
Cooler Temperature(s) °C and Other Remarks:							

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Chain of Custody Record

480501-Albany

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact:

Ms. Regina Camilli

Company:

CHA Inc

Address:

111 WInners Circle PO BOX 5269

City:

Albany

State/Zip:

NY, 12205-0269

Phone:

518-453-4500 (Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Sample#:

(518)425-4500

Lab FM:

Stone, Judy L

Carrier Tracking No(s):

COC No:

460-74091-4557/1.31

Page:

81-0083

Job #:

10 of 9

Analysis Requested

Phone:

(518)425-4500

E-Mail:

judy.stone@testamericainc.com

PO#:

31521-1000-44200

WO#:

Project #:

46020240

SSOW#:

200-8 - ICP Metals Single Element

Performs M/S/M/S (yes or No)

Field Filtered Sample (yes or No)

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

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Preservation Codes:

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Preservation Codes:

Special Instructions/Note:

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Total Number of Containers:

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Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:

Special Instructions/Note:

Total Number of Containers:

Other:

Preservation Codes:</div

TestAmerica Edison

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TestAmerica Albany

480501-Albany

Chain of Custody Record

TestAmerica

THE LEADERS IN ENVIRONMENTAL TESTING

Client Information		Sampler: Nill Pierce	Lab/P.M.: Stone, Judy L.	Carrier Tracking No(s):	COC No: 460-74091-45571-33	
Client Contact:	Mrs. Rogina Camilli	Phone: (518)435-4500	E-Mail: judy.stone@testamericainc.com	Page 5 of 9	Page 5 of 9	
Company:	CHA Inc	Job #:				
Analysis Requested						Preservation Codes:
						A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:
						Special Instructions/Note: Total Number of Containers:
						200.8 - CIP Metals Single Element Spectrometry/MS/MS (ICP-MS)
Field Selected Sample (yes or no)						D
Sample Identification						Preservation Codes:
Sample Date:	Sample Time:	Sample Type (C=comp., G=grab)	Matrix (Water, Seawater, Oil/Water, Air)			
7-8-16	7:24	G	Water			
T-SO4-KS-C9A	-	7:41	Water			
T-SO4-KS-C9B	-	7:42				
T-SO4-BF-O2A	-	7:28				
T-SO4-BF-O2B	-	7:29				
T-SO4-CS-10A	-	7:30				
T-SO4-CS-10B	-	7:27				
T-SO4-DF-05A	-	7:31				
T-SO4-DF-05B	-	7:32				
T-SO4-CS-11A	-	7:33				
T-SO4-CS-11B	-	7:34	↓			
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						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
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:
Empty Kit Relinquished by: <i>Robert W. Noller</i>						Method of Shipment:
Relinquished by:	Date/Time:	Received by:	Time:	Company		
<i>Jean D'Amico</i>	7-8-16, 8:00	<i>Tim Kress</i>	1:30 PM	Company		
Relinquished by:	Date/Time:	Received by:	Time:	Company		
<i>Jean D'Amico</i>	7-8-16, 8:00	<i>Tim Kress</i>	1:30 PM	Company		
Custody Seal Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:				
△ Yes	△ No					

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany Chain of Custody Record

Client Information

Client Contact:

Ms. Rogina Camilli

Company:

CHA Inc

Address:

111 Winners Circle PO BOX 5269

City:

Albany

State/Zip:

NY, 12205-0269

Phone:

518-453-4900(Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Sampler: Will Pence

Phone: (518) 435-4500

E-Mail: judy.stone@testamericainc.com

Carrier Tracking No(s):

COO No: 460-74091-45571-33

Page: 33 of 33

Page: 8 of 9

Job #:

Preservation Codes:

- A - HCl
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - NaHSO₄
- F - MeOH
- G - Ammonium
- H - Ascorbic Acid
- I - Ice
- J - DI Water
- K - EDTA
- L - EEA
- M - Hexane
- N - None
- O - AsNaO₂
- P - Na₂SCN
- Q - Na₂SO₃
- R - Na₂SO₃
- S - H₂S O₄
- T - TSP Dodecylbenzene Sulfonate
- U - Acetone
- V - MCAA
- W - pH 4-5
- Z - other (Specify)

Other:

Total Number of Containers:

200.8 - ICP Metals Single Element

Field Filtered Sample Yes or No:

Performed MS/MS/ICP-MS/ICP-NOAA

Field Filtered Sample Yes or No:

200.8 - ICP Metals Single Element

Special Instructions/Note:

Please Hold Sample

Analysis Requested

Due Date Requested:

TAT Requested (days):

5 days

Sample Date:

Sample Time:

Preservation Code:

Matrix:

(Water, Solid, On/Off-Air)

Type:

(C=comp, G=grab)

BT=Issue, A=Air

Special Instructions/Note:

200.8 - ICP Metals Single Element

Field Filtered Sample Yes or No:

Performed MS/MS/ICP-MS/ICP-NOAA

Field Filtered Sample Yes or No:

200.8 - ICP Metals Single Element

Special Instructions/Note:

Please Hold Sample

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102880-1

Login Number: 102880

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kinecki, Kenneth P

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

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: 480-102686-2

Client Project/Site: Bergen County, NJ

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli

Judy Stone

Authorized for release by:

7/25/2016 11:27:57 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

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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: 480-102686-2

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.
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: 480-102686-2

Job ID: 480-102686-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102686-2

Receipt

The samples were received on 7/7/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2° C, 0.4° C and 0.8° C.

These samples were originally placed on hold by the client and were activated for analysis on 7/15/16.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-DF-08B

Lab Sample ID: 480-102686-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-09B

Lab Sample ID: 480-102686-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-02B

Lab Sample ID: 480-102686-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.97	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-04B

Lab Sample ID: 480-102686-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-KS-05B

Lab Sample ID: 480-102686-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-DF-15B

Lab Sample ID: 480-102686-51

No Detections.

Client Sample ID: H-200C-CS-22B

Lab Sample ID: 480-102686-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-07B

Lab Sample ID: 480-102686-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-08B

Lab Sample ID: 480-102686-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-09B

Lab Sample ID: 480-102686-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-10B

Lab Sample ID: 480-102686-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		1.0	0.17	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-DF-16B

Lab Sample ID: 480-102686-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-14B

Lab Sample ID: 480-102686-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-16B

Lab Sample ID: 480-102686-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-17B

Lab Sample ID: 480-102686-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-18B

Lab Sample ID: 480-102686-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-19B

Lab Sample ID: 480-102686-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-20B

Lab Sample ID: 480-102686-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-21B

Lab Sample ID: 480-102686-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-12B

Lab Sample ID: 480-102686-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-13B

Lab Sample ID: 480-102686-100

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200C-CS-15B

Lab Sample ID: 480-102686-104

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-15B (Continued)

Lab Sample ID: 480-102686-104

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-KS-02B

Lab Sample ID: 480-102686-120

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-KS-03B

Lab Sample ID: 480-102686-122

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-295-KS-04B

Lab Sample ID: 480-102686-124

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17.4		1.0	0.17	ug/L	1		200.8	Total/NA

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: 480-102686-2

Client Sample ID: H-200C-DF-08B

Date Collected: 07/06/16 06:37
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-8

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.3		1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:21	1

Client Sample ID: H-200C-DF-09B

Date Collected: 07/06/16 06:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-10

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.6		1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:39	1

Client Sample ID: H-200C-KS-02B

Date Collected: 07/06/16 06:25
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.97	J	1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:42	1

Client Sample ID: H-200C-CS-04B

Date Collected: 07/06/16 06:47
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-33

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.6		1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:44	1

Client Sample ID: H-200C-KS-05B

Date Collected: 07/06/16 07:01
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-43

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.8		1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:47	1

Client Sample ID: H-200C-DF-15B

Date Collected: 07/06/16 08:06
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-51

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:50	1

Client Sample ID: H-200C-CS-22B

Date Collected: 07/06/16 07:58
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-55

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.7		1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:53	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-07B

Date Collected: 07/06/16 08:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-57

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.1		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 17:55	1

Client Sample ID: H-200C-CS-08B

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-59

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.9		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 17:58	1

Client Sample ID: H-200C-CS-09B

Date Collected: 07/06/16 08:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-61

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.8		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:01	1

Client Sample ID: H-200C-CS-10B

Date Collected: 07/06/16 08:07
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-63

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.6		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:04	1

Client Sample ID: H-200C-DF-16B

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-65

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.1		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:13	1

Client Sample ID: H-200C-CS-14B

Date Collected: 07/06/16 08:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-67

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.1		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:16	1

Client Sample ID: H-200C-CS-16B

Date Collected: 07/06/16 08:26
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-69

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.7		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:19	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-17B

Lab Sample ID: 480-102686-71

Date Collected: 07/06/16 08:27
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:22	1

Client Sample ID: H-200C-CS-18B

Lab Sample ID: 480-102686-73

Date Collected: 07/06/16 08:30
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6		1.0	0.17	ug/L	D	07/22/16 15:00	07/22/16 18:25	1

Client Sample ID: H-200C-CS-19B

Lab Sample ID: 480-102686-75

Date Collected: 07/06/16 08:26
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.2		1.0	0.17	ug/L	D	07/22/16 15:30	07/22/16 18:54	1

Client Sample ID: H-200C-CS-20B

Lab Sample ID: 480-102686-77

Date Collected: 07/06/16 08:31
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.2		1.0	0.17	ug/L	D	07/22/16 15:30	07/22/16 19:12	1

Client Sample ID: H-200C-CS-21B

Lab Sample ID: 480-102686-79

Date Collected: 07/06/16 08:33
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2		1.0	0.17	ug/L	D	07/22/16 15:30	07/22/16 19:15	1

Client Sample ID: H-200C-CS-12B

Lab Sample ID: 480-102686-98

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.8		1.0	0.17	ug/L	D	07/22/16 15:30	07/22/16 19:17	1

Client Sample ID: H-200C-CS-13B

Lab Sample ID: 480-102686-100

Date Collected: 07/06/16 08:02
Date Received: 07/07/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.1		1.0	0.17	ug/L	D	07/22/16 15:30	07/22/16 19:20	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-15B

Lab Sample ID: 480-102686-104

Matrix: Water

Date Collected: 07/06/16 08:14
Date Received: 07/07/16 02:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.6		1.0	0.17	ug/L		07/22/16 15:30	07/22/16 19:23	1

Client Sample ID: H-295-KS-02B

Lab Sample ID: 480-102686-120

Matrix: Water

Date Collected: 07/06/16 07:13
Date Received: 07/07/16 02:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.7		1.0	0.17	ug/L		07/22/16 15:30	07/22/16 19:26	1

Client Sample ID: H-295-KS-03B

Lab Sample ID: 480-102686-122

Matrix: Water

Date Collected: 07/06/16 07:21
Date Received: 07/07/16 02:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13.4		1.0	0.17	ug/L		07/22/16 15:30	07/22/16 19:29	1

Client Sample ID: H-295-KS-04B

Lab Sample ID: 480-102686-124

Matrix: Water

Date Collected: 07/06/16 07:23
Date Received: 07/07/16 02:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.4		1.0	0.17	ug/L		07/22/16 15:30	07/22/16 19:38	1

QC Sample Results

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

TestAmerica Job ID: 480-102686-2

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-311618/1-A

Matrix: Water

Analysis Batch: 312596

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 311618

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/22/16 15:00	07/22/16 17:15	1

Lab Sample ID: LCS 480-311618/2-A

Matrix: Water

Analysis Batch: 312596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 311618

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	20.18		ug/L		101	85 - 115

Lab Sample ID: 480-102686-8 MS

Matrix: Water

Analysis Batch: 312596

Client Sample ID: H-200C-DF-08B

Prep Type: Total/NA

Prep Batch: 311618

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	15.3		20.0	35.23		ug/L		100	70 - 130

Lab Sample ID: 480-102686-8 MSD

Matrix: Water

Analysis Batch: 312596

Client Sample ID: H-200C-DF-08B

Prep Type: Total/NA

Prep Batch: 311618

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	Limit
Lead	15.3		20.0	35.09		ug/L		99	70 - 130	0 20

Lab Sample ID: 480-102686-73 MS

Matrix: Water

Analysis Batch: 312596

Client Sample ID: H-200C-CS-18B

Prep Type: Total/NA

Prep Batch: 311618

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	5.6		20.0	25.35		ug/L		99	70 - 130

Lab Sample ID: 480-102686-73 MSD

Matrix: Water

Analysis Batch: 312596

Client Sample ID: H-200C-CS-18B

Prep Type: Total/NA

Prep Batch: 311618

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	Limit
Lead	5.6		20.0	25.75		ug/L		101	70 - 130	2 20

Lab Sample ID: MB 480-311619/1-A

Matrix: Water

Analysis Batch: 312596

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 311619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/22/16 15:30	07/22/16 18:35	1

Lab Sample ID: LCS 480-311619/2-A

Matrix: Water

Analysis Batch: 312596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 311619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	21.51		ug/L		108	85 - 115

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-102686-2

Lab Sample ID: 480-102686-75 MS
Matrix: Water
Analysis Batch: 312596

Client Sample ID: H-200C-CS-19B
Prep Type: Total/NA
Prep Batch: 311619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	3.2		20.0	23.46		ug/L	101		70 - 130

Lab Sample ID: 480-102686-75 MSD
Matrix: Water
Analysis Batch: 312596

Client Sample ID: H-200C-CS-19B
Prep Type: Total/NA
Prep Batch: 311619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Lead	3.2		20.0	23.08		ug/L	99		70 - 130	2

Lab Sample ID: 480-102686-124 MS
Matrix: Water
Analysis Batch: 312596

Client Sample ID: H-295-KS-04B
Prep Type: Total/NA
Prep Batch: 311619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	17.4		20.0	36.56		ug/L	96		70 - 130

Lab Sample ID: 480-102686-124 MSD
Matrix: Water
Analysis Batch: 312596

Client Sample ID: H-295-KS-04B
Prep Type: Total/NA
Prep Batch: 311619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD
Lead	17.4		20.0	37.74		ug/L	102		70 - 130	3

QC Association Summary

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

TestAmerica Job ID: 480-102686-2

Metals

Prep Batch: 311618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-8	H-200C-DF-08B	Total/NA	Water	200 Series	1
480-102686-10	H-200C-DF-09B	Total/NA	Water	200 Series	2
480-102686-12	H-200C-KS-02B	Total/NA	Water	200 Series	3
480-102686-33	H-200C-CS-04B	Total/NA	Water	200 Series	4
480-102686-43	H-200C-KS-05B	Total/NA	Water	200 Series	5
480-102686-51	H-200C-DF-15B	Total/NA	Water	200 Series	6
480-102686-55	H-200C-CS-22B	Total/NA	Water	200 Series	7
480-102686-57	H-200C-CS-07B	Total/NA	Water	200 Series	8
480-102686-59	H-200C-CS-08B	Total/NA	Water	200 Series	9
480-102686-61	H-200C-CS-09B	Total/NA	Water	200 Series	10
480-102686-63	H-200C-CS-10B	Total/NA	Water	200 Series	11
480-102686-65	H-200C-DF-16B	Total/NA	Water	200 Series	12
480-102686-67	H-200C-CS-14B	Total/NA	Water	200 Series	13
480-102686-69	H-200C-CS-16B	Total/NA	Water	200 Series	14
480-102686-71	H-200C-CS-17B	Total/NA	Water	200 Series	
480-102686-73	H-200C-CS-18B	Total/NA	Water	200 Series	
MB 480-311618/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-311618/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102686-8 MS	H-200C-DF-08B	Total/NA	Water	200 Series	
480-102686-8 MSD	H-200C-DF-08B	Total/NA	Water	200 Series	
480-102686-73 MS	H-200C-CS-18B	Total/NA	Water	200 Series	
480-102686-73 MSD	H-200C-CS-18B	Total/NA	Water	200 Series	

Prep Batch: 311619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-75	H-200C-CS-19B	Total/NA	Water	200 Series	1
480-102686-77	H-200C-CS-20B	Total/NA	Water	200 Series	2
480-102686-79	H-200C-CS-21B	Total/NA	Water	200 Series	3
480-102686-98	H-200C-CS-12B	Total/NA	Water	200 Series	4
480-102686-100	H-200C-CS-13B	Total/NA	Water	200 Series	5
480-102686-104	H-200C-CS-15B	Total/NA	Water	200 Series	6
480-102686-120	H-295-KS-02B	Total/NA	Water	200 Series	7
480-102686-122	H-295-KS-03B	Total/NA	Water	200 Series	8
480-102686-124	H-295-KS-04B	Total/NA	Water	200 Series	9
MB 480-311619/1-A	Method Blank	Total/NA	Water	200 Series	10
LCS 480-311619/2-A	Lab Control Sample	Total/NA	Water	200 Series	11
480-102686-75 MS	H-200C-CS-19B	Total/NA	Water	200 Series	12
480-102686-75 MSD	H-200C-CS-19B	Total/NA	Water	200 Series	13
480-102686-124 MS	H-295-KS-04B	Total/NA	Water	200 Series	14
480-102686-124 MSD	H-295-KS-04B	Total/NA	Water	200 Series	

Analysis Batch: 312596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-8	H-200C-DF-08B	Total/NA	Water	200.8	311618
480-102686-10	H-200C-DF-09B	Total/NA	Water	200.8	311618
480-102686-12	H-200C-KS-02B	Total/NA	Water	200.8	311618
480-102686-33	H-200C-CS-04B	Total/NA	Water	200.8	311618
480-102686-43	H-200C-KS-05B	Total/NA	Water	200.8	311618
480-102686-51	H-200C-DF-15B	Total/NA	Water	200.8	311618
480-102686-55	H-200C-CS-22B	Total/NA	Water	200.8	311618
480-102686-57	H-200C-CS-07B	Total/NA	Water	200.8	311618

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102686-2

Metals (Continued)

Analysis Batch: 312596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-59	H-200C-CS-08B	Total/NA	Water	200.8	311618
480-102686-61	H-200C-CS-09B	Total/NA	Water	200.8	311618
480-102686-63	H-200C-CS-10B	Total/NA	Water	200.8	311618
480-102686-65	H-200C-DF-16B	Total/NA	Water	200.8	311618
480-102686-67	H-200C-CS-14B	Total/NA	Water	200.8	311618
480-102686-69	H-200C-CS-16B	Total/NA	Water	200.8	311618
480-102686-71	H-200C-CS-17B	Total/NA	Water	200.8	311618
480-102686-73	H-200C-CS-18B	Total/NA	Water	200.8	311618
480-102686-75	H-200C-CS-19B	Total/NA	Water	200.8	311619
480-102686-77	H-200C-CS-20B	Total/NA	Water	200.8	311619
480-102686-79	H-200C-CS-21B	Total/NA	Water	200.8	311619
480-102686-98	H-200C-CS-12B	Total/NA	Water	200.8	311619
480-102686-100	H-200C-CS-13B	Total/NA	Water	200.8	311619
480-102686-104	H-200C-CS-15B	Total/NA	Water	200.8	311619
480-102686-120	H-295-KS-02B	Total/NA	Water	200.8	311619
480-102686-122	H-295-KS-03B	Total/NA	Water	200.8	311619
480-102686-124	H-295-KS-04B	Total/NA	Water	200.8	311619
MB 480-311618/1-A	Method Blank	Total/NA	Water	200.8	311618
MB 480-311619/1-A	Method Blank	Total/NA	Water	200.8	311619
LCS 480-311618/2-A	Lab Control Sample	Total/NA	Water	200.8	311618
LCS 480-311619/2-A	Lab Control Sample	Total/NA	Water	200.8	311619
480-102686-8 MS	H-200C-DF-08B	Total/NA	Water	200.8	311618
480-102686-8 MSD	H-200C-DF-08B	Total/NA	Water	200.8	311618
480-102686-73 MS	H-200C-CS-18B	Total/NA	Water	200.8	311618
480-102686-73 MSD	H-200C-CS-18B	Total/NA	Water	200.8	311618
480-102686-75 MS	H-200C-CS-19B	Total/NA	Water	200.8	311619
480-102686-75 MSD	H-200C-CS-19B	Total/NA	Water	200.8	311619
480-102686-124 MS	H-295-KS-04B	Total/NA	Water	200.8	311619
480-102686-124 MSD	H-295-KS-04B	Total/NA	Water	200.8	311619

Lab Chronicle

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-DF-08B

Date Collected: 07/06/16 06:37

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:21	TRB	TAL BUF

Client Sample ID: H-200C-DF-09B

Date Collected: 07/06/16 06:30

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:39	TRB	TAL BUF

Client Sample ID: H-200C-KS-02B

Date Collected: 07/06/16 06:25

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:42	TRB	TAL BUF

Client Sample ID: H-200C-CS-04B

Date Collected: 07/06/16 06:47

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:44	TRB	TAL BUF

Client Sample ID: H-200C-KS-05B

Date Collected: 07/06/16 07:01

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:47	TRB	TAL BUF

Client Sample ID: H-200C-DF-15B

Date Collected: 07/06/16 08:06

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-51

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:50	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-22B

Date Collected: 07/06/16 07:58
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:53	TRB	TAL BUF

Client Sample ID: H-200C-CS-07B

Date Collected: 07/06/16 08:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-57

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:55	TRB	TAL BUF

Client Sample ID: H-200C-CS-08B

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-59

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 17:58	TRB	TAL BUF

Client Sample ID: H-200C-CS-09B

Date Collected: 07/06/16 08:05
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-61

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:01	TRB	TAL BUF

Client Sample ID: H-200C-CS-10B

Date Collected: 07/06/16 08:07
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-63

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:04	TRB	TAL BUF

Client Sample ID: H-200C-DF-16B

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-65

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:13	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-14B

Date Collected: 07/06/16 08:15
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-67

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:16	TRB	TAL BUF

Client Sample ID: H-200C-CS-16B

Date Collected: 07/06/16 08:26
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-69

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:19	TRB	TAL BUF

Client Sample ID: H-200C-CS-17B

Date Collected: 07/06/16 08:27
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-71

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:22	TRB	TAL BUF

Client Sample ID: H-200C-CS-18B

Date Collected: 07/06/16 08:30
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-73

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311618	07/22/16 15:00	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:25	TRB	TAL BUF

Client Sample ID: H-200C-CS-19B

Date Collected: 07/06/16 08:26
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-75

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 18:54	TRB	TAL BUF

Client Sample ID: H-200C-CS-20B

Date Collected: 07/06/16 08:31
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-77

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:12	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-200C-CS-21B

Date Collected: 07/06/16 08:33
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-79

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:15	TRB	TAL BUF

Client Sample ID: H-200C-CS-12B

Date Collected: 07/06/16 08:00
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-98

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:17	TRB	TAL BUF

Client Sample ID: H-200C-CS-13B

Date Collected: 07/06/16 08:02
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-100

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:20	TRB	TAL BUF

Client Sample ID: H-200C-CS-15B

Date Collected: 07/06/16 08:14
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-104

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:23	TRB	TAL BUF

Client Sample ID: H-295-KS-02B

Date Collected: 07/06/16 07:13
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-120

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:26	TRB	TAL BUF

Client Sample ID: H-295-KS-03B

Date Collected: 07/06/16 07:21
Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-122

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:29	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102686-2

Client Sample ID: H-295-KS-04B

Date Collected: 07/06/16 07:23

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-124

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			311619	07/22/16 15:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	312596	07/22/16 19:38	TRB	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: 480-102686-2

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method	Prep Method	Matrix	Analyte	

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

Method Summary

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

TestAmerica Job ID: 480-102686-2

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

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: 480-102686-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102686-8	H-200C-DF-08B	Water	07/06/16 06:37	07/07/16 02:00
480-102686-10	H-200C-DF-09B	Water	07/06/16 06:30	07/07/16 02:00
480-102686-12	H-200C-KS-02B	Water	07/06/16 06:25	07/07/16 02:00
480-102686-33	H-200C-CS-04B	Water	07/06/16 06:47	07/07/16 02:00
480-102686-43	H-200C-KS-05B	Water	07/06/16 07:01	07/07/16 02:00
480-102686-51	H-200C-DF-15B	Water	07/06/16 08:06	07/07/16 02:00
480-102686-55	H-200C-CS-22B	Water	07/06/16 07:58	07/07/16 02:00
480-102686-57	H-200C-CS-07B	Water	07/06/16 08:02	07/07/16 02:00
480-102686-59	H-200C-CS-08B	Water	07/06/16 08:00	07/07/16 02:00
480-102686-61	H-200C-CS-09B	Water	07/06/16 08:05	07/07/16 02:00
480-102686-63	H-200C-CS-10B	Water	07/06/16 08:07	07/07/16 02:00
480-102686-65	H-200C-DF-16B	Water	07/06/16 08:00	07/07/16 02:00
480-102686-67	H-200C-CS-14B	Water	07/06/16 08:15	07/07/16 02:00
480-102686-69	H-200C-CS-16B	Water	07/06/16 08:26	07/07/16 02:00
480-102686-71	H-200C-CS-17B	Water	07/06/16 08:27	07/07/16 02:00
480-102686-73	H-200C-CS-18B	Water	07/06/16 08:30	07/07/16 02:00
480-102686-75	H-200C-CS-19B	Water	07/06/16 08:26	07/07/16 02:00
480-102686-77	H-200C-CS-20B	Water	07/06/16 08:31	07/07/16 02:00
480-102686-79	H-200C-CS-21B	Water	07/06/16 08:33	07/07/16 02:00
480-102686-98	H-200C-CS-12B	Water	07/06/16 08:00	07/07/16 02:00
480-102686-100	H-200C-CS-13B	Water	07/06/16 08:02	07/07/16 02:00
480-102686-104	H-200C-CS-15B	Water	07/06/16 08:14	07/07/16 02:00
480-102686-120	H-295-KS-02B	Water	07/06/16 07:13	07/07/16 02:00
480-102686-122	H-295-KS-03B	Water	07/06/16 07:21	07/07/16 02:00
480-102686-124	H-295-KS-04B	Water	07/06/16 07:23	07/07/16 02:00

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Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Pierce	Lab P.M.: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-7409-145571-1
Client Contact: Ms. Regina Carmilli		Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com	Page: Page 1 of 22- 12	Job #:
Company: CHA Inc		Analysis Requested			
Address: 111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269		Due Date Requested: 5 - DAY		TAT Requested (days): 5 - DAY	
		PO#:	31521,1000,44200	480-102886 Chain of Custody	Hydrate
		WO#:		I-1a J-DI Water K-MCAA L-EDTA Other:	U-Acetone V-MCAA W-ph 4-5 Z-other (specify)
		Project #:	44620240	Total Number of Containers:	
		SSOW#:		Special Instructions/Note:	
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, G=solid, O=glass, A=air)
H-200C-DF-05 A		7-19-10	9:45	G	Water ✓
H-200C-DF-05 B			9:46	Water	Please hold sample
H-200C-DF-06 A			9:48	Water	
H-200C-DF-06 B			9:49	Water	Please hold sample
H-200C-DF-07 A			7:15	Water	
H-200C-DF-07 B			7:15	Water	Please hold sample
H-200C-DF-08 A			9:37	Water	
H-200C-DF-08 B			9:37	Water	Please hold sample
H-200C-DF-09 A			9:38	Water	
H-200C-DF-09 B			9:38	Water	Please hold sample
H-200C-KS-02 A			9:35	Water	
Possible Hazard Identification		<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B
Deliverable Requested: I, II, III, IV. Other (specify)		<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological	Sample Disposal / A fee may be assessed if samples are retained longer than 1 month	
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: Regal Woods		Date/Time: 7-16-16 / 1518	Company: R	Date/Time: 7-6-16 1512	Company: TAA
Relinquished by: John Kunkel		Date/Time: 7-6-16 1501	Company: TAA	Date/Time: 7-7-16 0200	Company: TAA
Relinquished by: John Kunkel		Date/Time:	Received by: John Kunkel	Released by:	
Custody Seals intact: △ Yes ▲ No		Custody Seal No: 0.2, 0.8, 0.4 #1			
		Cooler Temperature(s) °C and Other Remarks:			

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pierce</u>	Lab P/M: <u>Stone, Judy L</u>	Carrier Tracking No(s):	COC No: <u>460-74091-45571.3</u>
		Phone: <u>518 - 453 - 4100</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Page # of <u>38</u>	Page # <u>1</u>
Company: CHA Inc		Analysis Requested			
Address: 111 Wimmers Circle PO BOX 5269 City: Albany State: Zip: NY, 12205-0269		Preservation Codes:			
Phone: 518-453-4500(Tel)		A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
Email: <u>tcamilli@chacompanies.com</u>		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2S2O3 R - Na2S2O3 S - H2SC4 T - TSP Dodecylate U - Acetone V - MCAA W - ph-4.5 Z - other (specify)			
Project Name: Bergen County, NJ Site:					
		Total Number of Containers: <u>200.8</u> - ICP Metals Single Element Performed Sample (Yes or No)			
		Special Instructions/Note:			
		<p>Please hold sample</p>			
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sediment, Crustal, Air/Air Filter, Aqueous, Ae-Air)
H-300C-CS-02B		7-6-10	9:25	G	Water ✓
H-300C-DF-10A		7:00		I	Water
H-300C-DF-10B		7:03		I	Water
H-300C-CS-01A		9:30		I	Water
H-300C-CS-01B		6:31		I	Water
H-300C-IM-01A		6:32		I	Water
H-300C-CS-02A		6:18		I	Water
H-300C-CS-02B		6:19		I	Water
H-300C-VS-03A		6:28		I	Water
H-300C-VS-03B		6:39		I	Water
H-300C-DF-11A		7:11	↓	I	Water
		Date: <u>7-6-16</u>	Time: <u>15:12</u>	Method of Ship:	
		Date/Time: <u>7-6-16 15:12</u>	Received By: <u>Tina Will</u>	Date/Time: <u>7-6-16 15:12</u> Company: <u>TAA INC</u>	
		Date/Time: <u>7-6-16 18:00</u>	Received By: <u>Tina Will</u>	Date/Time: <u>7-7-16 00:00</u> Company: <u>TAA INC</u>	
Possible Hazard Identification		<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B
Deliverable Requested: I, II, III, IV, Other (specify)		<input type="checkbox"/> Unknown	<input type="checkbox"/> Radiological	Special Instructions/QC Requirements:	
Empty Kit Relinquished by:		Date: <u>7-6-16</u>	Time: <u>15:12</u>	Sample Disposal / A fee may be assessed if samples are retained longer than 1 month	
Relinquished by: <u>Elizabeth Woods</u>		Date/Time: <u>7-6-16 15:12</u>	Received By: <u>Tina Will</u>	Disposal By Lab	
Relinquished by: <u>Tina Will</u>		Date/Time: <u>7-7-16 00:00</u>	Received By: <u>Tina Will</u>	Archive For Months:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s) °C and Other Remarks: <u>0.2, 0.8, 0.4 #1</u>			

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>P. Steele</u>	Lab P/M: Stone, Judy L	Carrier Tracking No.:	COC No.: 460-74091-45571.4	Page: <u>34</u>	Job #:	
Client Contact: Ms. Regina Camilli	Company: CHA Inc.	Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com					
Analysis Requested								
Address: 111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel)		TAT Requested (days): 5 - DAY		Total Number of Contaminants: 200.8 - ICP Metals Single Element Performed Sample (yes or no)		Preservation Codes:		
PO#:		WO#:		Project#:		Other:		
Email: regcamilli@chacompanies.com		Site: Bergen County, NJ		SSOW#:		Special Instructions/Note:		
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Groundwater, Air)	Disposal Code	Special Instructions:	
H-200C-DF-11B	7-6-10	7:10	G	Water	✓		Please hold sample	
H-200C-DF-12A		7:08	I	Water			Please hold sample	
H-200C-DF-12B		7:08	I	Water			Please hold sample	
H-200C-DF-13A		7:25	I	Water			Please hold sample	
H-200C-DF-13B		7:25	I	Water			Please hold sample	
H-200C-DF-14A		8:42	I	Water			Please hold sample	
H-200C-DF-14B		8:43	I	Water			Please hold sample	
H-200C-DF-15A		7:49	I	Water			Please hold sample	
H-200C-DF-15B		7:50	I	Water			Please hold sample	
H-200C-CS-04A		10:46	I	Water			Please hold sample	
H-200C-CS-04B	→	10:47	↓	Water			Please hold sample	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
<input 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"/> Radological		<input type="checkbox"/> Return To Client		<input type="checkbox"/> Disposal By Lab		
<input type="checkbox"/> Deliverable Requested: I, II, III, IV, Other (specify)		Date: <u>7-12-16/IC 12</u>		Time: <u>10:47</u>		Method of Shipment:		
Empty Kit Relinquished by:		Date/Time: <u>7-12-16/IC 12</u>		Received by: <u>Karen</u>		Date/Time: <u>7-12-16 1:51:2</u>		
Relinquished by: <u>Elizabeth Wier</u>		Date/Time: <u>7-12-16/IC 12</u>		Received by: <u>T.A. Ains</u>		Date/Time: <u>7-12-16 0:00</u>		
Relinquished by: <u>J. J. Schilder</u>		Date/Time:		Received by:		Date/Time:		
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <u>0.2, 0.8, 0.9 #1</u>		Cooler Temperature(s) °C and Other Remarks:				

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pierre</u>	Lab PM: Stone, Judy L	Carrier Tracking No(s):
Client Contact: Ms. Regina Camilli		Phone: 518-453-4500	E-mail: judy.stone@testamericainc.com	Job #:
Analysis Requested Address: 111 Winers Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel) Email: rcamilli@chacompanies.com Project Name: Bergen County, NJ Site: Due Date Requested: TAT Requested (days): 5 - DAY PO #: 31521-1000-44200 WO #: Project #: 46020240 SSOW#: Total Number of Samples (Vis or ND) Specified Sample (Vis or ND) Specified Single Element (Vis or ND)				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil, Tissue, Air)	Special Instructions/Note:	
					Preservation Code	Date Received
H-200C-CS-OSA	7-6-16	9:50	G	Water	<input checked="" type="checkbox"/> D	200.8 - ICP Metals Single Element
H-200C-CS-OSB		9:51	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-CS-OCA		9:52	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-KS-OHA		9:53	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-KS-OHB		9:57	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-BF-OIA		10:58	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-BF-OIB		11:30	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-KS-OSA		7:00	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-KS-OSB		7:01	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
H-200C-BF-O2A		7:02	I	Water	<input checked="" type="checkbox"/> D	Please hold sample
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						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:
Empty Kit Relinquished by: Relinquished by: <u>Egbert Wier</u> <u>1500</u> Relinquished by: <u>John</u> <u>1500</u> Relinquished by: <u>John</u> <u>1500</u> Relinquished by: <u>John</u>						Method of Shipment:
Date/Time: 7-6-16/15:00 Company Received by: <u>Judy L</u> Date/Time: 7-6-16/15:00 Company Received by: <u>Judy L</u>						Time: <u>15:00</u> Received by: <u>Judy L</u> Date/Time: <u>7-6-16/15:00</u> Company Received by: <u>Judy L</u>
Date/Time: 7-6-16/15:00 Company Received by: <u>Judy L</u> Date/Time: 7-7-16/02:00 Company Received by: <u>Judy L</u>						Time: <u>15:00</u> Received by: <u>Judy L</u> Date/Time: <u>7-7-16/02:00</u> Company Received by: <u>Judy L</u>
						Cooler Temperature(s) °C and Other Remarks: <u>0.8, 0.9, 0.2 #1</u>

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Chain of Custody Record

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THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pieter</u>		Lab PM: <u>Judy L</u>		Carrier Tracking No(s):		COC No: 460-74091-45571-6			
Client Contact:	Ms. Regina Camilli	Phone:	518-453-4580	E-Mail:	judy.stone@testamericainc.com	Page:	Pages of 12	Job #:			
Analysis Requested											
<p>Due Date Requested: <u>5- DAY</u></p> <p>TAT Requested (days): <u>31521.1000.44200</u></p> <p>PO #: <u>31521.1000.44200</u></p> <p>WO #: <u></u></p> <p>Project #: <u>46020240</u></p> <p>SSON#:</p>											
<p>Total Number of Contaminants: <u>200.8 - ICP Metals Single Element</u></p> <p>Permit/MIS/MSD (Yes or No): <u>Yes</u></p> <p>Field labeled sample (Yes or No): <u>No</u></p>											
<p>Special Instructions/Note:</p> <p><u>Please void sample</u></p>											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (H=water, S=sand, C=coated, A=Air)	Preservation Codes	D				
H-200C-BF-02B	7-6-10	7:03	G	Water	✓						
H-200C-KS-01A		7:05	I	Water							
H-200C-YS-01B		7:09	I	Water							
H-200C-NS-01A		7:53	I	Water							
H-200C-NS-01B		7:54	I	Water							
H-200C-DF-15A		8:05	I	Water							
H-200C-DF-15B		8:06	I	Water							
H-200C-BF-03A		8:10	I	Water							
H-200C-BF-03B		8:13	I	Water							
H-200C-CS-22A		7:58	I	Water	✓						
H-200C-CS-22B		7:58	✓	Water							
<p>Possible Hazard Identification</p> <p><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</p> <p>Deliverable Requested: I, II, III, IV, Other (specify)</p>										<p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months</p>	
<p>Empty Kit Relinquished by: <u>Edgardo Diaz</u></p> <p>Relinquished by: <u>Edgardo Diaz</u></p> <p>Relinquished by: <u>Edgardo Diaz</u></p> <p>Custody Seals intact: <input type="checkbox"/> Custody Seal No: <u>08/04/02 #1</u></p> <p>△ Yes △ No</p>										<p>Special Instructions/QC Requirements:</p> <p>Date/Time: <u>7-6-10 15:13</u> Received by: <u>EDGARDO DIAZ</u> Method of Shipment: <u>Carrier</u></p> <p>Date/Time: <u>7-6-10 18:03</u> Received by: <u>EDGARDO DIAZ</u> Date/Time: <u>7-6-10 15:12</u> Company: <u>Carrier</u></p> <p>Date/Time: <u>7-6-10 18:03</u> Received by: <u>EDGARDO DIAZ</u> Date/Time: <u>7-6-10 18:00</u> Company: <u>Carrier</u></p>	
										<p>Cooler Temperature(s) °C and Other Remarks:</p>	

Chain of Custody Record

THE SOUTHERN STATES

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <i>Revere</i>	Lab P.M.: Stone, Judy L.	Carrier Tracking No(s): COG No: 460-74091-45571.9		
		Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com	Page: 3 of 32		
Address: CHA Inc		Due Date Requested: <i>5 - DAY</i>	Analysis Requested			
City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel) Email: rcamilli@chacompanies.com Project Name: Bergen County, NJ Site:		TAT Requested (days): PO #: 31521-1000-44200 WFO #: Project #: 46020240 SSOW#:	Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchors H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
200.8 - ICP Metals Single Element Performs ICP Sample (Yes or No)		Total Number of Containers:	Special Instructions/Note:			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=Air)	Preservation Code
<i>H-200C-CS-01A</i>		<i>7-19-10</i>	<i>8:33</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-CS-01B</i>		<i>1</i>	<i>8:33</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-07A</i>		<i>1</i>	<i>7:35</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-07B</i>		<i>1</i>	<i>7:36</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-08A</i>		<i>1</i>	<i>7:37</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-08B</i>		<i>1</i>	<i>7:38</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-09A</i>		<i>1</i>	<i>7:39</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-09B</i>		<i>1</i>	<i>7:30</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-10A</i>		<i>1</i>	<i>7:32</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-10B</i>		<i>1</i>	<i>7:33</i>	<i>C</i>	<i>Water</i>	<i>/</i>
<i>H-200C-KS-11A</i>		<i>1</i>	<i>7:34</i>	<i>C</i>	<i>Water</i>	<i>/</i>
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		Date: <i>7-19-10</i>	Time: <i>15:10</i>	Method of Shipment:	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:				
Empty Kit Relinquished by: <i>J. Johnson</i>		Date/Time: <i>7-19-10</i>	Company: <i>TestAmerica</i>	Received by: <i>J. Johnson</i>	Date/Time: <i>7-19-10</i>	Company: <i>TestAmerica</i>
Relinquished by: <i>J. Johnson</i>		Date/Time: <i>7-19-10</i>	Company: <i>TestAmerica</i>	Received by: <i>J. Johnson</i>	Date/Time: <i>7-19-10</i>	Company: <i>TestAmerica</i>
Relinquished by: <i>J. Johnson</i>		Date/Time: <i>7-19-10</i>	Company: <i>TestAmerica</i>	Received by: <i>J. Johnson</i>	Date/Time: <i>7-19-10</i>	Company: <i>TestAmerica</i>
Custody Seal Intact: <input checked="" type="checkbox"/> Custody Seal No.: <i>05.04.02 #1</i> <input type="checkbox"/> Yes <input type="checkbox"/> No		Cooler Temperature(s): °C and Other Remarks:				

TestAmerica Edison

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Ms. Regina Camilli

Company: CHA Inc

Address: 111 Winers Circle PO BOX 5269

City: Albany

State, Zip: NY, 12205-0269

Phone: 518-453-4500(Tel)

Email: rcamilli@chacompanies.com

Project Name: Bergen County, NJ

Site:

Client Information		Sampler: <u>Judy Stone</u>		Lab PM: <u>Judy L.</u>	Carrier Tracking No(s):																																																																																																																																																																		
Client Contact: Ms. Regina Camilli		Phone: <u>518-453-4500</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Job #:	CCG No: <u>460-7409-45571-10</u>	Date/Time: <u>7-6-16 / 15:32</u>	Company: <u>TestAmerica</u>																																																																																																																																																																
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Chain of Custody Record

Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

Client Information

Client Contact:	Ms. Regina Camilli
Company:	CHA Inc
Address:	111 Winers Circle PO BOX 5269 City: Albany State Zip: NY, 12205-0269
Phone:	518-453-4500
Email:	rcamilli@chacompanies.com
Project Name:	Bergen County, NJ
Site:	

THE LEADER IN ENVIRONMENTAL TESTING

COC No: 460-7409-145571-13

Page:

Page 11 of 12

Job #:

Carrier Tracking No(s):

Lab P/M:
Stone, Judy L

E-Mail:

judy.stone@testamericainc.com

Analysis Requested

Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (water, soil, oil, tissue, AAF)	Preservation Code:	Special Instructions/Note:
H-200A-DF-02A	7-6-16	10:23	G	Water	✓	D	Please hold Sample
H-200A-DF-02B		10:23	I	Water			
H-200A-KS-02A		10:15	I	Water			Please hold Sample
H-200A-KS-02B		10:15	I	Water			Please hold Sample
H-200A-KS-03A		10:20	I	Water			Please hold Sample
H-200A-KS-03B		10:20	I	Water			Please hold Sample
H-295-NS-01A		7:10	I	Water			Please hold Sample
H-295-NS-01B		7:10	I	Water			Please hold Sample
H-295-KS-02A		7:13	I	Water			Please hold Sample
H-295-KS-02B		7:13	I	Water			Please hold Sample
H-295-KS-03A		7:21	I	Water			
Possible Hazard Identification							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
<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							<input checked="" type="checkbox"/> Disposal To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)							Special Instructions/QC Requirements:
Empty Kit Relinquished by:							Method of Shipment:
Relinquished by: <i>John Kroll</i> Date/Time: 7-6-16/1512 Received by: <i>John Kroll</i> Date/Time: 7-6-16/1512							Company
Relinquished by: <i>John Kroll</i> Date/Time: 7-6-16/1800 Received by: <i>John Kroll</i> Date/Time: 7-6-16/0200							Company
Relinquished by: <i>John Kroll</i> Date/Time: 7-6-16/1800 Received by: <i>John Kroll</i> Date/Time: 7-6-16/0200							Company
							Cooler Temperature(s) °C and Other Remarks:
							7/25/2016
Custody Seals Intact <input type="checkbox"/> Custody Seal No.: <i>080402</i> <input checked="" type="checkbox"/> No							

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102686-2

Login Number: 102686

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher 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.	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: 480-102686-2

Login Number: 102686

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.

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-102686-3

Client Project/Site: Bergen County, NJ

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli

Judy Stone

Authorized for release by:

8/2/2016 4:59:39 PM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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results through

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The
Expert

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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: 480-102686-3

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: 480-102686-3

Job ID: 480-102686-3

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102686-3

Receipt

The samples were received on 7/7/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2° C, 0.4° C and 0.8° C.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102686-3

Client Sample ID: H-200C-CS-02B

Lab Sample ID: 480-102686-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	33.8		1.0	0.17	ug/L	1		200.8	Total/NA

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: 480-102686-3

Client Sample ID: H-200C-CS-02B

Date Collected: 07/06/16 06:19

Date Received: 07/07/16 02:00

Lab Sample ID: 480-102686-19

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	33.8		1.0	0.17	ug/L		08/01/16 19:06	08/02/16 10:43	1

1

2

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QC Sample Results

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

TestAmerica Job ID: 480-102686-3

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-313821/1-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313821

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		08/01/16 19:00	08/02/16 10:38	1

Lab Sample ID: LCS 480-313821/2-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	21.66		ug/L		108	85 - 115

Lab Sample ID: 480-102686-19 MS

Matrix: Water

Analysis Batch: 314070

Client Sample ID: H-200C-CS-02B

Prep Type: Total/NA

Prep Batch: 313821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	33.8		20.0	50.89		ug/L		85	70 - 130

Lab Sample ID: 480-102686-19 MSD

Matrix: Water

Analysis Batch: 314070

Client Sample ID: H-200C-CS-02B

Prep Type: Total/NA

Prep Batch: 313821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD
Lead	33.8		20.0	54.05		ug/L		101	70 - 130

QC Association Summary

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

TestAmerica Job ID: 480-102686-3

Metals

Prep Batch: 313821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-19	H-200C-CS-02B	Total/NA	Water	200 Series	
MB 480-313821/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-313821/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102686-19 MS	H-200C-CS-02B	Total/NA	Water	200 Series	
480-102686-19 MSD	H-200C-CS-02B	Total/NA	Water	200 Series	

Analysis Batch: 314070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102686-19	H-200C-CS-02B	Total/NA	Water	200.8	313821
MB 480-313821/1-A	Method Blank	Total/NA	Water	200.8	313821
LCS 480-313821/2-A	Lab Control Sample	Total/NA	Water	200.8	313821
480-102686-19 MS	H-200C-CS-02B	Total/NA	Water	200.8	313821
480-102686-19 MSD	H-200C-CS-02B	Total/NA	Water	200.8	313821

Lab Chronicle

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

TestAmerica Job ID: 480-102686-3

Client Sample ID: H-200C-CS-02B

Lab Sample ID: 480-102686-19

Matrix: Water

Date Collected: 07/06/16 06:19

Date Received: 07/07/16 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:06	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 10:43	MTM2	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-102686-3

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method	Prep Method	Matrix	Analyte	

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

Method Summary

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

TestAmerica Job ID: 480-102686-3

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

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: 480-102686-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102686-19	H-200C-CS-02B	Water	07/06/16 06:19	07/07/16 02:00

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TestAmerica Buffalo

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Pierce	Lab P.M.: Stone, Judy L	Carrier Tracking No(s):	Job #:
Client Contact: Ms. Regina Carmilli	Phone: 518-4653-4500	E-Mail: judy.stone@testamericainc.com			
Company: CHA Inc	Address: 111 Winners Circle PO BOX 5269 Albany NY, 12205-0269	TAT Requested (days): 5 - DAY			
Analysis Requested 200.8 - ICP Metals Single Element Performs/MSDS (Methodology) Indicate if labeled Sample (Yes or No)					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, C=cold, O=water, A=air)
H-200C-DF-05A	7-19-10	9:45	G	Water	✓
H-200C-DF-05B		9:46	I	Water	✓
H-200C-DF-06A		9:48	I	Water	✓
H-200C-DF-06B		9:49	I	Water	✓
H-200C-DF-07A		7:15	I	Water	✓
H-200C-DF-07B		7:15	I	Water	✓
H-200C-DF-08A		9:37	I	Water	✓
H-200C-DF-08B		9:37	I	Water	✓
H-200C-DF-09A		9:38	I	Water	✓
H-200C-DF-09B		9:38	I	Water	✓
H-200C-KS-02A		9:35	✓	Water	✓
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) Empty Kit Relinquished by: Egalt WWD Relinquished by: J. K. Kunkel Relinquished by: T. J. Kunkel					
Special Instructions/QC Requirements: 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					
Method of Shipment: Date/Time: 7-16-16 / 1518 Company Received by: R. J. Kunkel Date/Time: 7-6-16 1512 Company Date/Time: 7-6-16 1501 Company Received by: T. J. Kunkel Date/Time: 7-7-16 0200 Company Date/Time: 7-7-16 0201 Company Received by: T. J. Kunkel Date/Time: 7-7-16 0205 Company					
Cooler Temperature(s) °C and Other Remarks: 0.2, 0.8, 0.4 #1					

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pierce</u>	Lab P/M: <u>Stone, Judy L</u>	Carrier Tracking No(s):	COC No: <u>460-74091-45571.3</u>
		Phone: <u>518-453-4500</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Page # of <u>32</u>	Page # <u>13</u>
Company: CHA Inc		Job #:			
Address: 111 Wimmers Circle PO BOX 5269 City: Albany State: Zip: NY, 12205-0269		Preservation Codes:			
Phone: 518-453-4500(Tel)		TAT Requested (days):	<u>5 - DAY</u>		
Email: <u>lcamilli@chacompanies.com</u>		PO #:	3-521-1000-44200		
Project Name: Bergen County, NJ		WO #:			
Site:		Project #: <u>46020240</u>	SSOW#:		
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sediment, Crustal, Air-Air, Air-Gas)
H-300C-CS-02B		7-6-10	9:25	G	Water ✓
H-300C-DF-10A		7:00		I	Water
H-300C-DF-10B		7:03		I	Water
H-300C-CS-01A		6:30		I	Water
H-300C-CS-01B		6:31		I	Water
H-300C-IM-01A		6:32		I	Water
H-300C-CS-02A		6:18		I	Water
H-300C-CS-02B		6:19		I	Water
H-300C-VS-03A		6:28		I	Water
H-300C-VS-03B		6:39		I	Water
H-300C-DF-11A		7:11		V	Water
Possible Hazard Identification		Date:	Time:	Method of Shipment:	
<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				Received by: <u>Tim Hill</u> Date/Time: <u>7-7-16 0900</u> Company: <u>TA AUS</u>	
Deliverable Requested: I, II, III, IV, Other (specify)		Date/Time:	Time:	Disposal By Lab	
Empty Kit Relinquished by:		Date/Time:	Time:	Archive For Months:	
Relinquished by: <u>Elizabeth Woods</u>		<u>7-6-16 / 1512</u>	<u>Company</u>	Received by: <u>Tim Hill</u> Date/Time: <u>7-7-16 0900</u> Company: <u>TA AUS</u>	
Relinquished by: <u>Liz Den</u>		<u>7-6-16 / 1800</u>	<u>Company</u>	Received by: <u>Tim Hill</u> Date/Time: <u>7-7-16 0900</u> Company: <u>TA AUS</u>	
Relinquished by:		Date/Time:	Time:	Special Instructions/QC Requirements:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Colder Temperature(s) °C and Other Remarks: <u>0.2, 0.8, 0.4 #1</u>			

Client Information		Sampler: <u>Poetee</u>		Lab P.M.: Stone, Judy L.		Carrier Tracking No.: COC No: 460-74091-45571-4																																																																																																																																																	
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		Phone: <u>518-453-4500</u>	E-mail: <u>judy.stone@testamericainc.com</u>	COC No: <u>460-74091-45571.5</u>
Company: CHA Inc		Job #: <u>4</u>		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil, Tissue, Air)	Special Instructions/Note:	
					Total Number of containers	Preservation Codes:
H-200C-CS-OSA	7-6-10	9:50	G	Water	✓	A - ICL B - NaOH C - Zn Acetate D - Na2O4S E - NaHSO4 F - MeOH G - Amchior H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:
H-200C-CS-OSB		9:51	I	Water		Please hold sample
H-200C-CS-OCA		9:52	J	Water		Please hold sample
H-200C-KS-OHA		9:53	K	Water		Please hold sample
H-200C-KS-OHB		9:57	L	Water		Please hold sample
H-200C-BF-OIA		10:58	M	Water		Please hold sample
H-200C-BF-OIB		11:30	N	Water		Please hold sample
H-200C-KS-OSA		11:30	O	Water		Please hold sample
H-200C-KS-OSB		11:30	P	Water		Please hold sample
H-200C-BF-O2A		11:30	Q	Water		Please hold sample
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<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	<input type="checkbox"/> Return To Client
Deliverable Requested: I, II, III, IV, Other (specify)					<input type="checkbox"/> Disposal By Lab	<input type="checkbox"/> Archive For Months
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: <u>Egbert Wier</u>	Date/Time: <u>7-6-10 / 15:00</u>	Received by: <u>Judy L</u>	Date/Time: <u>7-6-10 / 15:00</u>	Company: <u>TestAmerica</u>	Company: <u>TestAmerica</u>	Company: <u>TestAmerica</u>
Relinquished by: <u>John O'Dowd</u>	Date/Time: <u>7-6-10 / 18:00</u>	Received by: <u>Judy L</u>	Date/Time: <u>7-7-10 / 00:00</u>	Company: <u>TestAmerica</u>	Company: <u>TestAmerica</u>	Company: <u>TestAmerica</u>
Custody Seals Intact: <input checked="" type="checkbox"/>	Custody Seal No.: <u>#1</u>	Cooler Temperature(s) °C and Other Remarks: <u>0.8, 0.9, 0.2 #1</u>				
△ Yes	△ No					

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Pieter</u>		Lab PM: <u>Judy L</u>		Carrier Tracking No(s):		COC No: 460-74091-45571-6		
Client Contact:	Ms. Rogina Camilli	Phone:	518-453-4500	E-Mail:	judy.stone@testamericainc.com	Page:	Pages of 12	Job #:		
Analysis Requested										
<p>Due Date Requested: <u>5- DAY</u></p> <p>TAT Requested (days): <u>31521.1000.44200</u></p> <p>PO #: <u>WFO#</u></p> <p>Project #: <u>46020240</u></p> <p>SSON#:</p>										
<p>200.8 - ICP Metals Single Element</p> <p>PerkinElmer MS/MSD (Yes or No)</p> <p>Field labeled sample (Yes or No)</p> <p>Preservation Codes: <input checked="" type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H <input type="checkbox"/> I <input type="checkbox"/> J <input type="checkbox"/> K <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> N <input type="checkbox"/> O <input type="checkbox"/> P <input type="checkbox"/> Q <input type="checkbox"/> R <input type="checkbox"/> S <input type="checkbox"/> T <input type="checkbox"/> U <input type="checkbox"/> V <input type="checkbox"/> W <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z</p>										
<p>Special Instructions/Note:</p> <p>Please void sample</p>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (H=water, S=sand, C=coarsest, B=brass, A=air)	Preservation Codes:				
H-200C-BF-02B	7-6-10	7:03	G	Water	<input checked="" type="checkbox"/>					
H-200C-KS-01A		7:05	I	Water	<input type="checkbox"/>					
H-200C-YS-01B		7:09	I	Water	<input type="checkbox"/>					
H-200C-NS-01A		7:53	I	Water	<input type="checkbox"/>					
H-200C-NS-01B		7:54	I	Water	<input type="checkbox"/>					
H-200C-DF-15A		8:05	I	Water	<input type="checkbox"/>					
H-200C-DF-15B		8:06	I	Water	<input type="checkbox"/>					
H-200C-BF-03A		8:10	I	Water	<input type="checkbox"/>					
H-200C-BF-03B		8:13	I	Water	<input type="checkbox"/>					
H-200C-CS-22A		7:58	I	Water	<input type="checkbox"/>					
H-200C-CS-22B		7:58	I	Water	<input type="checkbox"/>					
<p>Possible Hazard Identification</p> <p><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</p> <p>Deliverable Requested: I, II, III, IV, Other (specify)</p>										
<p>Empty Kit Relinquished by: <u>Edgar J. Dees</u></p> <p>Relinquished by: <u>Edgar J. Dees</u></p> <p>Relinquished by: <u>Edgar J. Dees</u></p> <p>Custody Seals Intact: <input type="checkbox"/> Custody Seal No.: <u>08, 04, 02 #1</u></p> <p>△ Yes △ No</p>										
<p>Date: <u>7-6-10 15:13</u> Company Received by: <u>ED</u> Time: <u>15:13</u> Method of Shipment: <u>Carrier</u></p> <p>Date/Time: <u>7-6-10 18:00</u> Company Received by: <u>ED</u> Date/Time: <u>7-7-16 02:00</u> Company Received by: <u>ED</u></p> <p>Special Instructions/QC Requirements:</p> <p>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</p> <p>Cooler Temperature(s) °C and Other Remarks:</p>										

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Prestre	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-74091-45571.7	
Company:	Address:	Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com	Page 6 of 12	Page:	
Analysis Requested						
						Job #:
						Preservation Codes:
						A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonium H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:
						Total Number of Containers:
						200.8 - ICP Metals Single Element
						Field Filtered Sample (Yes or No)
						Field Filtered Sample (Yes or No)
						Special Instructions/Note:
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=air)	Speciation Code
H-200C-CS-07A	7-6-16	8:03	G	Water	<input checked="" type="checkbox"/>	Please hold sample
H-200C-CS-07B		8:02		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-08A		8:00		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-08B		8:00		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-09A		8:05		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-09B		8:05		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-10A		8:07		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-10B		8:07		Water	<input type="checkbox"/>	Please hold sample
H-200C-DF-11A		7:57		Water	<input type="checkbox"/>	Please hold sample
H-200C-DF-11B		8:00		Water	<input type="checkbox"/>	Please hold sample
H-200C-CS-14A		8:15	<input checked="" type="checkbox"/>	Water	<input type="checkbox"/>	Please Disposal (A fee may be assessed if samples are retained longer than 1 month)
Possible Hazard Identification		Date: 7-6-16/1510	Time: 15:00	Method of Shipment		
<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				Disposal By Lab <input type="checkbox"/> Archive For Months		
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements:		
Empty Kit Relinquished by: Edgar Wur		Date: 7-6-16/1510	Time: 15:00	Return To Client <input type="checkbox"/>		
Relinquished by: Jordan		Date/Time: 7-6-16 18:00	Company: T & A Lab	Received By: Jordan	Date/Time: 7-6-16 15:12	Company: TestAmerica
Relinquished by: Jordan		Date/Time: 7-7-16 02:00	Company: T & A Lab	Received By: Jordan	Date/Time: 7-7-16 02:00	Company: TestAmerica
Custody Seals Intact <input type="checkbox"/> Custody Seal No.: #1				Cooler Temperature(s) °C and Other Remarks:		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				8/2/2016		

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Rese</u>	Lab PM: <u>Stone, Judy L</u>	Carrier Tracking No(s): CCC No: 460-74091-45571-8
Company:	CHA Inc	Phone: <u>518-453-4500</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Page <u>7</u> of <u>25</u> Job #:
Analysis Requested				
<input type="checkbox"/> Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Na2O4S P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - H2SO4 S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCA K - EDTA W - pH 4.5 L - EDA Z - other specify Other:				
Total Number of Contingencies: _____				
200.8 - ICP Metals Single Element Field-Filtered Sample (Yes or No)				
Field-Filtered Sample (Yes or No)				
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Soil, Oil, Tissue, Air)
H-200C-CS-14B	7-6-16	8:15	G	Water ✓
H-200C-CS-14A		8:25	I	Water
H-200C-CS-16B		8:30	I	Water
H-200C-CS-17A		8:30	I	Water
H-200C-CS-17B		8:27	I	Water
H-200C-CS-18A		8:28	I	Water
H-200C-CS-18B		8:30	I	Water
H-200C-CS-19A		8:25	I	Water
H-200C-CS-19B		8:26	I	Water
H-200C-CS-20A		8:30	I	Water
H-200C-CS-20B		8:31	I	Water
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)				
Empty Kit Relinquished by: Relinquished by: <u>Edith Woods</u> Date/Time: <u>7-6-16 15:12</u> Received by: <u>Edith Woods</u> Date/Time: <u>7-6-16 15:12</u> Company: <u>TestAmerica</u> Company: <u>TestAmerica</u> Method of Shipment: <u>Return To Client</u> Archive For: <u>1 month</u>				
Relinquished by: <u>Tim Knobbe</u> Date/Time: <u>7-6-16 18:03</u> Received by: <u>Tim Knobbe</u> Date/Time: <u>7-7-16 02:08</u> Company: <u>TestAmerica</u> Company: <u>TestAmerica</u> Method of Shipment: <u>Disposal By Lab</u> Archive For: <u>Months</u>				
Custody Seals Intact <input type="checkbox"/> Custody Seal No.: <u>05.04.02 #1</u> △ Yes ▲ No				
Special Instructions/QC Requirements: Cooler Temperature(s) °C and Other Remarks:				

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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

COG No. 460-74091-45571.9

Date: 7-6-16 Page: 3 of 32

Client Information		Sampler: <i>Judy Stone</i>	Lab P.M.: Stone, Judy L.	Carrier Tracking No(s): judy.stone@testamericainc.com	Job #:																																																																								
Address: CHA Inc	Phone: 518-453-4500	E-Mail: judy.stone@testamericainc.com																																																																											
Analysis Requested																																																																													
<p>Preservation Codes:</p> <table border="0"> <tr><td>A - HCl</td><td>M - Hexane</td></tr> <tr><td>B - NaOH</td><td>N - None</td></tr> <tr><td>C - Zn Acetate</td><td>O - AsNaO2</td></tr> <tr><td>D - Nitric Acid</td><td>P - Na2O4S</td></tr> <tr><td>E - NaHSO4</td><td>Q - Na2SO3</td></tr> <tr><td>F - MeOH</td><td>R - Na2SO3</td></tr> <tr><td>G - Anchors</td><td>S - HPO4</td></tr> <tr><td>H - Ascorbic Acid</td><td>T - TSP Dodecylbenzene Sulfonate</td></tr> <tr><td>I - Ice</td><td>U - Acetone</td></tr> <tr><td>J - DI Water</td><td>V - MCA</td></tr> <tr><td>K - EDTA</td><td>W - pH 4.5</td></tr> <tr><td>L - EDA</td><td>Z - other specify)</td></tr> </table> <p>Other:</p>						A - HCl	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2SO3	G - Anchors	S - HPO4	H - Ascorbic Acid	T - TSP Dodecylbenzene Sulfonate	I - Ice	U - Acetone	J - DI Water	V - MCA	K - EDTA	W - pH 4.5	L - EDA	Z - other specify)																																																
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L - EDA	Z - other specify)																																																																												
<p>Total Number of Containers: 1</p> <p>Special Instructions/Note:</p> <p>200.8 - ICP Metals Single Element Performs ICP Sample (Yes or No)</p>																																																																													
<table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=organic, A=Air)</th> <th>Preservation Code</th> </tr> </thead> <tbody> <tr> <td>H-200C-CS-01A</td> <td>7-6-16</td> <td>8:33</td> <td>C</td> <td>Water</td> <td>/</td> </tr> <tr> <td>H-200C-CS-01B</td> <td></td> <td>8:33</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-07A</td> <td></td> <td>7:35</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-07B</td> <td></td> <td>7:36</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-08A</td> <td></td> <td>7:37</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-08B</td> <td></td> <td>7:38</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-09A</td> <td></td> <td>7:39</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-09B</td> <td></td> <td>7:30</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-10A</td> <td></td> <td>7:32</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-10B</td> <td></td> <td>7:33</td> <td>C</td> <td>Water</td> <td></td> </tr> <tr> <td>H-200C-KS-11A</td> <td></td> <td>7:34</td> <td>C</td> <td>Water</td> <td></td> </tr> </tbody> </table>						Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=Air)	Preservation Code	H-200C-CS-01A	7-6-16	8:33	C	Water	/	H-200C-CS-01B		8:33	C	Water		H-200C-KS-07A		7:35	C	Water		H-200C-KS-07B		7:36	C	Water		H-200C-KS-08A		7:37	C	Water		H-200C-KS-08B		7:38	C	Water		H-200C-KS-09A		7:39	C	Water		H-200C-KS-09B		7:30	C	Water		H-200C-KS-10A		7:32	C	Water		H-200C-KS-10B		7:33	C	Water		H-200C-KS-11A		7:34	C	Water	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, A=Air)	Preservation Code																																																																								
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H-200C-KS-11A		7:34	C	Water																																																																									
<p>Possible Hazard Identification</p> <p><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</p> <p>Deliverable Requested: I, II, III, IV, Other (specify)</p>																																																																													
<p>Empty Kit Relinquished by:</p> <p><i>J. J. Kellner</i></p> <p>Relinquished by:</p> <p><i>J. J. Kellner</i></p> <p>Relinquished by:</p> <p><i>J. J. Kellner</i></p>																																																																													
<p>Method of Shipment:</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months</p>																																																																													
<p>Special Instructions/QC Requirements:</p> <p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months</p>																																																																													
<p>Custody Seal Intact: <input checked="" type="checkbox"/> Custody Seal No.: <i>08.04.02 #1</i></p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>																																																																													
<p>Cooler Temperature(s), °C and Other Remarks:</p>																																																																													

TestAmerica Edison

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Edison, NJ 08817
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Chain of Custody Record

Client Information		Sampler: <i>Judy L.</i>		Lab PM: <i>Judy L.</i>	Carrier Tracking No(s):		
Client Contact:	Ms. Regina Camilli	Phone:	518-453-4700	E-Mail:	judy.stone@testamericainc.com	Job #:	
Company:	CHA Inc	Address:	111 Winters Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269	Due Date Requested:	TAT Requested (days): <i>5 - DAY</i>	Analysis Requested	
200.8 - ICP Mettals Single Element Particulate Sample (Test of NO)							
Total Number of Containers Other:							
Special Instructions/Note: <i>Please Hold Samples</i>							
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp., G=grab)	Matrix (Water, Soil, Ore, Tissue, Ash, etc.)	Despatch Code		
H-200C-CS-11B	7-6-16	7:35	G	Water	✓		
H-200C-CS-12A		7:36	I	Water	✓		
H-200C-CS-12B		7:37	I	Water	✓		
H-200C-CS-13A		7:38	I	Water	✓		
H-200C-CS-13B		7:39	I	Water	✓		
H-200C-IM-02A		7:43	I	Water	✓		
H-200C-CS-11A		8:04	I	Water	✓		
H-200C-CS-11B		8:05	I	Water	✓		
H-200C-CS-12A		7:59	I	Water	✓		
H-200C-CS-12B		8:00	I	Water	✓		
H-200C-CS-13A		8:01	I	Water	✓		
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months							
Special Instructions/QC Requirements: <input 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)							
Empty Kit Relinquished by: Relinquished by: <i>John W.</i> Date/Time: <i>7-6-16 / 15:32</i> Company Received by: <i>John W.</i> Date/Time: <i>7-6-16 15:12</i> Company Relinquished by: <i>John W.</i> Date/Time: <i>7-6-16 19:01</i> Company Received by: <i>John W.</i> Date/Time: <i>7-7-16 02:00</i> Company Relinquished by:							
Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: <i>#1</i> Cooler Temperature(s) °C and Other Remarks: △ Yes ▲ No							

TestAmerica Edison

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Edison, NJ 08817
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Chain of Custody Record

Client Information

Client Contact:

Ms. Regina Camilli

Company:

CHA Inc

Address:

111 Wiflers Circle PO BOX 5269

City:

Albany

State, Zip:

NY, 12205-0269

Phone:

518-453-4500(Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Sampler

Precise

Phone:

518-453-0506

Date Requested:

TAT Requested (days):

5 - DAY

Lab PW:

Stone, Judy L.

E-Mail:

judy.stone@testamericainc.com

Carrier Tracking No(s):

COC No:

460-7409-45571-12

Date/Time:

7-6-16 / 1513

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

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Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Analysis Requested

Preservation Codes:

A - HCl

B - NaOH

C - Zn Acetate

D - Nitric Acid

E - NaHSO4

F - MeOH

G - Anochlor

H - Ascorbic Acid

I - Ice

J - DI Water

K - EDTA

L - EDA

Other:

Total Number of Containers:

200.8 - ICP Metals Single Element

PeroformMS/MSD (YES or NO)

Field Prepared Sample (YES or NO)

Project #:

46020240

SSOW#:

Special Instructions/Note:

Please Hold Sample

Deliverable Requested:

I, II, III, IV, Other (specify)

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Radiological

Empty Kit Relinquished by:

Graft Worr

Date/Time:

7-6-16 / 1513

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

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Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

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Tim Kroon

Date/Time:

7-6-16 / 1800

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Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Company

Received by:

Tim Kroon

Date/Time:

7-6-16 / 1800

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102686-3

Login Number: 102686

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher 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.	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: 480-102686-3

Login Number: 102686

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.

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: 480-102772-2

Client Project/Site: Bergen County, NJ

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli

Judy Stone

Authorized for release by:

8/3/2016 8:30:06 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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Expert

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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: 480-102772-2

Qualifiers

Metals

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
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: 480-102772-2

Job ID: 480-102772-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102772-2

Receipt

The samples were received on 7/8/2016 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.1° C.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-333-CS-01B

Lab Sample ID: 480-102772-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-02B

Lab Sample ID: 480-102772-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-05B

Lab Sample ID: 480-102772-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-NS-03B

Lab Sample ID: 480-102772-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	38.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-02B

Lab Sample ID: 480-102772-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-03B

Lab Sample ID: 480-102772-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.3		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-05B

Lab Sample ID: 480-102772-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-09B

Lab Sample ID: 480-102772-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-CS-11B

Lab Sample ID: 480-102772-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-NS-01B

Lab Sample ID: 480-102772-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-DF-03B

Lab Sample ID: 480-102772-56

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-275/285-DF-03B (Continued)

Lab Sample ID: 480-102772-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-01B

Lab Sample ID: 480-102772-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-02B

Lab Sample ID: 480-102772-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-04B

Lab Sample ID: 480-102772-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-05B

Lab Sample ID: 480-102772-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1	F2	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-DF-06B

Lab Sample ID: 480-102772-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275/285-CS-07B

Lab Sample ID: 480-102772-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-KS-01B

Lab Sample ID: 480-102772-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-DF-01B

Lab Sample ID: 480-102772-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200E-SF-01B

Lab Sample ID: 480-102772-95

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.

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-333-CS-01B

Date Collected: 07/07/16 06:29
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-4

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2		1.0	0.17	ug/L		08/01/16 19:10	08/02/16 10:54	1

Client Sample ID: P-333-CS-02B

Date Collected: 07/07/16 06:23
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-6

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.5		1.0	0.17	ug/L		08/01/16 19:12	08/02/16 10:57	1

Client Sample ID: P-333-CS-05B

Date Collected: 07/07/16 06:33
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.3		1.0	0.17	ug/L		08/01/16 19:14	08/02/16 11:00	1

Client Sample ID: P-333-NS-03B

Date Collected: 07/07/16 06:45
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-20

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	38.3		1.0	0.17	ug/L		08/01/16 19:16	08/02/16 11:09	1

Client Sample ID: P-333-KS-02B

Date Collected: 07/07/16 06:50
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-28

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.9		1.0	0.17	ug/L		08/01/16 19:18	08/02/16 11:12	1

Client Sample ID: P-333-KS-03B

Date Collected: 07/07/16 06:56
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.3		1.0	0.17	ug/L		08/01/16 19:20	08/02/16 11:14	1

Client Sample ID: P-333-KS-05B

Date Collected: 07/07/16 06:54
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-34

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2		1.0	0.17	ug/L		08/01/16 19:22	08/02/16 11:17	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-333-CS-09B

Lab Sample ID: 480-102772-36

Date Collected: 07/07/16 06:57
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.0		1.0	0.17	ug/L		08/01/16 19:24	08/02/16 11:20	1

Client Sample ID: P-333-CS-11B

Lab Sample ID: 480-102772-40

Date Collected: 07/07/16 07:01
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.1		1.0	0.17	ug/L		08/01/16 19:26	08/02/16 11:23	1

Client Sample ID: P-275/285-NS-01B

Lab Sample ID: 480-102772-44

Date Collected: 07/07/16 07:19
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2		1.0	0.17	ug/L		08/01/16 19:28	08/02/16 11:26	1

Client Sample ID: P-275/285-DF-03B

Lab Sample ID: 480-102772-56

Date Collected: 07/07/16 07:29
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.8		1.0	0.17	ug/L		08/01/16 19:30	08/02/16 11:29	1

Client Sample ID: P-275/285-CS-01B

Lab Sample ID: 480-102772-58

Date Collected: 07/07/16 07:42
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.2		1.0	0.17	ug/L		08/01/16 19:32	08/02/16 11:31	1

Client Sample ID: P-275/285-CS-02B

Lab Sample ID: 480-102772-60

Date Collected: 07/07/16 07:45
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.9		1.0	0.17	ug/L		08/01/16 19:34	08/02/16 11:34	1

Client Sample ID: P-275/285-CS-04B

Lab Sample ID: 480-102772-66

Date Collected: 07/07/16 07:59
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.0		1.0	0.17	ug/L		08/01/16 19:36	08/02/16 11:43	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-275/285-CS-05B

Lab Sample ID: 480-102772-68

Date Collected: 07/07/16 08:01
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1	F2	1.0	0.17	ug/L		08/01/16 19:40	08/02/16 11:46	1

Client Sample ID: P-275/285-DF-06B

Lab Sample ID: 480-102772-78

Date Collected: 07/07/16 08:57
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.0		1.0	0.17	ug/L		08/01/16 19:51	08/02/16 12:04	1

Client Sample ID: P-275/285-CS-07B

Lab Sample ID: 480-102772-82

Date Collected: 07/07/16 08:42
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.8		1.0	0.17	ug/L		08/01/16 19:55	08/02/16 12:22	1

Client Sample ID: H-200E-KS-01B

Lab Sample ID: 480-102772-89

Date Collected: 07/07/16 06:25
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.5		1.0	0.17	ug/L		08/01/16 19:57	08/02/16 12:25	1

Client Sample ID: H-200E-DF-01B

Lab Sample ID: 480-102772-93

Date Collected: 07/07/16 06:31
Date Received: 07/08/16 02:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.6		1.0	0.17	ug/L		08/01/16 19:59	08/02/16 12:27	1

Client Sample ID: H-200E-SF-01B

Lab Sample ID: 480-102772-95

Date Collected: 07/07/16 06:37
Date Received: 07/08/16 02:00

Matrix: Water

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		08/01/16 20:01	08/02/16 12:30	1

QC Sample Results

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

TestAmerica Job ID: 480-102772-2

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-313821/1-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313821

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		08/01/16 19:00	08/02/16 10:38	1

Lab Sample ID: LCS 480-313821/2-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313821

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead	20.0		21.66		ug/L		108	85 - 115	

Lab Sample ID: 480-102772-68 MS

Matrix: Water

Analysis Batch: 314070

Client Sample ID: P-275/285-CS-05B

Prep Type: Total/NA

Prep Batch: 313821

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	3.1	F2	20.0	19.13		ug/L		80	70 - 130	

Lab Sample ID: 480-102772-68 MSD

Matrix: Water

Analysis Batch: 314070

Client Sample ID: P-275/285-CS-05B

Prep Type: Total/NA

Prep Batch: 313821

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD
	Result	Qualifier								
Lead	3.1	F2	20.0	24.06	F2	ug/L		105	70 - 130	23

Lab Sample ID: MB 480-313823/1-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313823

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		08/01/16 19:45	08/02/16 11:58	1

Lab Sample ID: LCS 480-313823/2-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313823

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead	20.0		21.86		ug/L		109	85 - 115	

Lab Sample ID: 480-102772-78 MS

Matrix: Water

Analysis Batch: 314070

Client Sample ID: P-275/285-DF-06B

Prep Type: Total/NA

Prep Batch: 313823

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	4.0		20.0	19.63		ug/L		78	70 - 130	

Lab Sample ID: 480-102772-78 MSD

Matrix: Water

Analysis Batch: 314070

Client Sample ID: P-275/285-DF-06B

Prep Type: Total/NA

Prep Batch: 313823

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD
	Result	Qualifier								
Lead	4.0		20.0	23.40		ug/L		97	70 - 130	18

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-102772-2

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QC Association Summary

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

TestAmerica Job ID: 480-102772-2

Metals

Prep Batch: 313821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-4	P-333-CS-01B	Total/NA	Water	200 Series	1
480-102772-6	P-333-CS-02B	Total/NA	Water	200 Series	2
480-102772-12	P-333-CS-05B	Total/NA	Water	200 Series	3
480-102772-20	P-333-NS-03B	Total/NA	Water	200 Series	4
480-102772-28	P-333-KS-02B	Total/NA	Water	200 Series	5
480-102772-30	P-333-KS-03B	Total/NA	Water	200 Series	6
480-102772-34	P-333-KS-05B	Total/NA	Water	200 Series	7
480-102772-36	P-333-CS-09B	Total/NA	Water	200 Series	8
480-102772-40	P-333-CS-11B	Total/NA	Water	200 Series	9
480-102772-44	P-275/285-NS-01B	Total/NA	Water	200 Series	10
480-102772-56	P-275/285-DF-03B	Total/NA	Water	200 Series	11
480-102772-58	P-275/285-CS-01B	Total/NA	Water	200 Series	12
480-102772-60	P-275/285-CS-02B	Total/NA	Water	200 Series	13
480-102772-66	P-275/285-CS-04B	Total/NA	Water	200 Series	14
480-102772-68	P-275/285-CS-05B	Total/NA	Water	200 Series	
MB 480-313821/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-313821/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102772-68 MS	P-275/285-CS-05B	Total/NA	Water	200 Series	
480-102772-68 MSD	P-275/285-CS-05B	Total/NA	Water	200 Series	

Prep Batch: 313823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-78	P-275/285-DF-06B	Total/NA	Water	200 Series	1
480-102772-82	P-275/285-CS-07B	Total/NA	Water	200 Series	2
480-102772-89	H-200E-KS-01B	Total/NA	Water	200 Series	3
480-102772-93	H-200E-DF-01B	Total/NA	Water	200 Series	4
480-102772-95	H-200E-SF-01B	Total/NA	Water	200 Series	5
MB 480-313823/1-A	Method Blank	Total/NA	Water	200 Series	6
LCS 480-313823/2-A	Lab Control Sample	Total/NA	Water	200 Series	7
480-102772-78 MS	P-275/285-DF-06B	Total/NA	Water	200 Series	8
480-102772-78 MSD	P-275/285-DF-06B	Total/NA	Water	200 Series	9

Analysis Batch: 314070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-4	P-333-CS-01B	Total/NA	Water	200.8	313821
480-102772-6	P-333-CS-02B	Total/NA	Water	200.8	313821
480-102772-12	P-333-CS-05B	Total/NA	Water	200.8	313821
480-102772-20	P-333-NS-03B	Total/NA	Water	200.8	313821
480-102772-28	P-333-KS-02B	Total/NA	Water	200.8	313821
480-102772-30	P-333-KS-03B	Total/NA	Water	200.8	313821
480-102772-34	P-333-KS-05B	Total/NA	Water	200.8	313821
480-102772-36	P-333-CS-09B	Total/NA	Water	200.8	313821
480-102772-40	P-333-CS-11B	Total/NA	Water	200.8	313821
480-102772-44	P-275/285-NS-01B	Total/NA	Water	200.8	313821
480-102772-56	P-275/285-DF-03B	Total/NA	Water	200.8	313821
480-102772-58	P-275/285-CS-01B	Total/NA	Water	200.8	313821
480-102772-60	P-275/285-CS-02B	Total/NA	Water	200.8	313821
480-102772-66	P-275/285-CS-04B	Total/NA	Water	200.8	313821
480-102772-68	P-275/285-CS-05B	Total/NA	Water	200.8	313821
480-102772-78	P-275/285-DF-06B	Total/NA	Water	200.8	313823
480-102772-82	P-275/285-CS-07B	Total/NA	Water	200.8	313823

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102772-2

Metals (Continued)

Analysis Batch: 314070 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102772-89	H-200E-KS-01B	Total/NA	Water	200.8	313823
480-102772-93	H-200E-DF-01B	Total/NA	Water	200.8	313823
480-102772-95	H-200E-SF-01B	Total/NA	Water	200.8	313823
MB 480-313821/1-A	Method Blank	Total/NA	Water	200.8	313821
MB 480-313823/1-A	Method Blank	Total/NA	Water	200.8	313823
LCS 480-313821/2-A	Lab Control Sample	Total/NA	Water	200.8	313821
LCS 480-313823/2-A	Lab Control Sample	Total/NA	Water	200.8	313823
480-102772-68 MS	P-275/285-CS-05B	Total/NA	Water	200.8	313821
480-102772-68 MSD	P-275/285-CS-05B	Total/NA	Water	200.8	313821
480-102772-78 MS	P-275/285-DF-06B	Total/NA	Water	200.8	313823
480-102772-78 MSD	P-275/285-DF-06B	Total/NA	Water	200.8	313823

Lab Chronicle

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-333-CS-01B

Date Collected: 07/07/16 06:29

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:10	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 10:54	MTM2	TAL BUF

Client Sample ID: P-333-CS-02B

Date Collected: 07/07/16 06:23

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:12	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 10:57	MTM2	TAL BUF

Client Sample ID: P-333-CS-05B

Date Collected: 07/07/16 06:33

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:14	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:00	MTM2	TAL BUF

Client Sample ID: P-333-NS-03B

Date Collected: 07/07/16 06:45

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:16	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:09	MTM2	TAL BUF

Client Sample ID: P-333-KS-02B

Date Collected: 07/07/16 06:50

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:18	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:12	MTM2	TAL BUF

Client Sample ID: P-333-KS-03B

Date Collected: 07/07/16 06:56

Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:20	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:14	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-333-KS-05B

Date Collected: 07/07/16 06:54
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:22	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:17	MTM2	TAL BUF

Client Sample ID: P-333-CS-09B

Date Collected: 07/07/16 06:57
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:24	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:20	MTM2	TAL BUF

Client Sample ID: P-333-CS-11B

Date Collected: 07/07/16 07:01
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:26	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:23	MTM2	TAL BUF

Client Sample ID: P-275/285-NS-01B

Date Collected: 07/07/16 07:19
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:28	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:26	MTM2	TAL BUF

Client Sample ID: P-275/285-DF-03B

Date Collected: 07/07/16 07:29
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-56

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:30	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:29	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-01B

Date Collected: 07/07/16 07:42
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-58

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:32	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:31	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: P-275/285-CS-02B

Date Collected: 07/07/16 07:45
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-60

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:34	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:34	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-04B

Date Collected: 07/07/16 07:59
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-66

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:36	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:43	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-05B

Date Collected: 07/07/16 08:01
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-68

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313821	08/01/16 19:40	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 11:46	MTM2	TAL BUF

Client Sample ID: P-275/285-DF-06B

Date Collected: 07/07/16 08:57
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-78

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 19:51	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:04	MTM2	TAL BUF

Client Sample ID: P-275/285-CS-07B

Date Collected: 07/07/16 08:42
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-82

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 19:55	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:22	MTM2	TAL BUF

Client Sample ID: H-200E-KS-01B

Date Collected: 07/07/16 06:25
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-89

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 19:57	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:25	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102772-2

Client Sample ID: H-200E-DF-01B

Date Collected: 07/07/16 06:31
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-93

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 19:59	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:27	MTM2	TAL BUF

Client Sample ID: H-200E-SF-01B

Date Collected: 07/07/16 06:37
Date Received: 07/08/16 02:00

Lab Sample ID: 480-102772-95

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:01	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:30	MTM2	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-102772-2

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method	Prep Method	Matrix	Analyte	

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

Method Summary

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

TestAmerica Job ID: 480-102772-2

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

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: 480-102772-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102772-4	P-333-CS-01B	Water	07/07/16 06:29	07/08/16 02:00
480-102772-6	P-333-CS-02B	Water	07/07/16 06:23	07/08/16 02:00
480-102772-12	P-333-CS-05B	Water	07/07/16 06:33	07/08/16 02:00
480-102772-20	P-333-NS-03B	Water	07/07/16 06:45	07/08/16 02:00
480-102772-28	P-333-KS-02B	Water	07/07/16 06:50	07/08/16 02:00
480-102772-30	P-333-KS-03B	Water	07/07/16 06:56	07/08/16 02:00
480-102772-34	P-333-KS-05B	Water	07/07/16 06:54	07/08/16 02:00
480-102772-36	P-333-CS-09B	Water	07/07/16 06:57	07/08/16 02:00
480-102772-40	P-333-CS-11B	Water	07/07/16 07:01	07/08/16 02:00
480-102772-44	P-275/285-NS-01B	Water	07/07/16 07:19	07/08/16 02:00
480-102772-56	P-275/285-DF-03B	Water	07/07/16 07:29	07/08/16 02:00
480-102772-58	P-275/285-CS-01B	Water	07/07/16 07:42	07/08/16 02:00
480-102772-60	P-275/285-CS-02B	Water	07/07/16 07:45	07/08/16 02:00
480-102772-66	P-275/285-CS-04B	Water	07/07/16 07:59	07/08/16 02:00
480-102772-68	P-275/285-CS-05B	Water	07/07/16 08:01	07/08/16 02:00
480-102772-78	P-275/285-DF-06B	Water	07/07/16 08:57	07/08/16 02:00
480-102772-82	P-275/285-CS-07B	Water	07/07/16 08:42	07/08/16 02:00
480-102772-89	H-200E-KS-01B	Water	07/07/16 06:25	07/08/16 02:00
480-102772-93	H-200E-DF-01B	Water	07/07/16 06:31	07/08/16 02:00
480-102772-95	H-200E-SF-01B	Water	07/07/16 06:37	07/08/16 02:00

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TestAmerica Edison

430501-Albany

Chain of Custody Record

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Client Information		Sampler: Will Pierce		Lab P.M.: Stone, Judy L		Carrier Tracking No(s):		Preservation Codes:				
Client Contact	Phone: (518) 435-4500	E-Mail: iudy.stone@testamericainc.com						A - HCl	M - Hexane			
Company:	CHA Inc						B - NaOH	N - None				
Address:	111 Winters Circle PO BOX 5269						C - Zn Acetate	O - AsNaO2				
City:	Albany											
State, Zip:	NY, 12205-0269											
Phone:	518-453-4500(Tel)	TAT Requested (days):	5 days									
Email:	rcamilli@chacompanies.com	PO #:	31521-1000-44200									
Project Name:	Bergen County, NJ	WO #:										
Site:		Project #:	46020240									
		SSOW#:										
Analysis Requested												
200.8 - ICP Metals/Single Element												
Performs MS/MSD (Yes or No)												
Filtered Sample (Yes or No)												
Special Instructions/Note:												
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	Preservation Code:						
				(C=comp, G=grab)	(Water, Sewage, Compost, Air)	X	D					
P-333-DF-03A		7-7-16	7:23	G	Water	✓						
P-333-DF-03B			7:24		Water							
P-333-CS-01A			19:28		Water							
P-333-CS-01B			19:29		Water							
P-333-CS-02A			19:27		Water							
P-333-CS-02B			19:23		Water							
P-333-CS-03A			19:22		Water							
P-333-CS-03B			19:23		Water							
P-333-CS-04A			19:28		Water							
P-333-CS-04B			19:29		Water							
P-333-CS-05A		↓	19:32	↓	Water							
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										Method of Shipment:		
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months												
Special Instructions/QC Requirements:												
Empty Kit Relinquished by:		Date:		Time:								
Relinquished by: <i>Elizabeth Wiers</i>		Date/Time: <i>7-7-16 / 13:40</i>	Company	Received by: <i>Troy Kugler</i>	Date/Time: <i>7-7-16 12:40</i>	Company	Date/Time: <i>7-7-16 12:40</i>				Company	
Relinquished by: <i>Jim Kuhn</i>		Date/Time: <i>7-7-16 15:00</i>	Company	Received by: <i>Troy Kugler</i>	Date/Time: <i>7-7-16 02:00</i>	Company	Date/Time: <i>7-7-16 02:00</i>				Company	
Relinquished by:		Date/Time:		Time:								
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <i>200,200,1</i>									Colder Temperature(s) °C and Other Remarks:	

TestAmerica Edison

Chain of Custody Record
480501-Albany

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: Will Pierce	Lab PN: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-7409-145571-17
Client Contact:	Phone: (518) 435-4500	E-Mail: judy.stone@testamericainc.com		Page: 17 of 30 of 10	Page:
Company:	CHA Inc			Job #:	
Address:	111 Wimmers Circle PO BOX 5269	Analysis Requested			
City:	Albany				
State, Zip:	NY, 12205-0269				
Phone:	518-453-4500(Tel)				
Email:	camillli@chacompanies.com				
Project Name:	Project #:				
Bergen County, NJ	46020240				
Site:	SSOW#:				
Total Number of Containers:					
Preservation Codes:					
A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:					
Special Instructions/Note:					
200.8 - ICP Metals Single Element					
Perfomance/MSD (Yes or No)					
Tele Filtered Sample (Yes or No)					
Sample Identification					
Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Sample Matrix (water, Sediment, Overwash, Air-Air)	Preservation Code:	
D-333-CS-07A	7-7-16	G48	C	Water	✓
D-333-CS-07B		G49		Water	
D-333-CS-08A		G53		Water	
D-333-CS-08B		G53		Water	
D-333-CS-09A		G49		Water	
D-333-CS-09B		G50		Water	
D-333-CS-03A		G50		Water	
D-333-CS-03B		G54		Water	
D-333-CS-04A		G51		Water	
D-333-CS-04B		G52		Water	
D-333-CS-05A		G53	↓	Water	
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)					
Empty Kit Relinquished by:					
Relinquished by:	Eight Wos	Date/Time:	7-7-16 / 1340	Received by:	Tracy
Relinquished by:	Tim Knollmeyer	Date/Time:	7-7-16 / 1300	Received by:	Tasha
Relinquished by:		Date/Time:		Received by:	
Custody Seals Intact: <input type="checkbox"/> Custody Seal No: <input type="checkbox"/> Yes <input type="checkbox"/> No					
Cooler Temperature(s) °C and Other Remarks:					
8/3/2016					

Chain of Custody Record

Edison, NJ 08817
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TestAmerica Edison

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480501-Albany Chain of Custody Record

Client Information		Sampler: Mill Pence	Lab P.M.: Stone, Judy L	Carrier Tracking No(s):	COC No.: 460-74091-45571-19																								
Client Contact:	Ms. Regina Camilli	Phone: (518) 435-4500	E-Mail: judy.stone@testamericainc.com	Page 19 of 33	5 of 10																								
Company:	CHA Inc	Address:	111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269	Due Date Requested:	TAT Requested (days): 5 days																								
Phone:	518-453-4500(Tel)	PO#:	31521-1000-44200	WO#:																									
Email:	rcamilli@cchacompanies.com	Project Name:	Project #:	SSOW#:																									
Project Name:	Bergen County, NJ																												
Analysis Requested																													
Total Number of Contaminants: _____																													
Preservation Codes:																													
<table border="1"> <tr><td>A - HCl</td><td>M - Hexane</td></tr> <tr><td>B - NaOH</td><td>N - None</td></tr> <tr><td>C - Zn Acetate</td><td>O - AsNaO2</td></tr> <tr><td>D - Nitric Acid</td><td>P - Na2C4S</td></tr> <tr><td>E - NaHSO4</td><td>Q - Na2SO3</td></tr> <tr><td>F - MeOH</td><td>R - Na2SiO3</td></tr> <tr><td>G - Ammonium</td><td>S - H2SO4</td></tr> <tr><td>H - Ascorbic Acid</td><td>T - TSP Dodecahydrate</td></tr> <tr><td>I - Ice</td><td>U - Acetone</td></tr> <tr><td>J - DI Water</td><td>V - MCAA</td></tr> <tr><td>K - EDTA</td><td>W - ph 4-5</td></tr> <tr><td>L - EDA</td><td>Z - other (specify) Other: _____</td></tr> </table>						A - HCl	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2C4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2SiO3	G - Ammonium	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - ph 4-5	L - EDA	Z - other (specify) Other: _____
A - HCl	M - Hexane																												
B - NaOH	N - None																												
C - Zn Acetate	O - AsNaO2																												
D - Nitric Acid	P - Na2C4S																												
E - NaHSO4	Q - Na2SO3																												
F - MeOH	R - Na2SiO3																												
G - Ammonium	S - H2SO4																												
H - Ascorbic Acid	T - TSP Dodecahydrate																												
I - Ice	U - Acetone																												
J - DI Water	V - MCAA																												
K - EDTA	W - ph 4-5																												
L - EDA	Z - other (specify) Other: _____																												
Special Instructions/Note: _____																													
200.8 - ICP Metals/MSD (yes or No): <input checked="" type="checkbox"/> Filtered Sample (yes or No): <input checked="" type="checkbox"/> Reagent Metal/MSD (yes or No): <input checked="" type="checkbox"/>																													
Sample Identification																													
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Sample Matrix (Water, Sediment, Crustal, Air/air)	Preservation Code:																									
P-275/285- KS-03A	7-7-10 8:32	C	Water	C	✓																								
P-275/285- KS-03B	8:37	Water																											
P-275/285- KS-04A	8:43	Water																											
P-275/285- KS-04B	8:44	Water																											
P-275/285- KS-05A	8:45	Water																											
P-275/285- KS-05B	8:46	Water																											
P-275/285- KS-06A	8:49	Water																											
P-275/285- KS-06B	8:30	Water																											
P-275/285- KS-07A	8:43	Water																											
P-275/285- KS-07B	8:43	Water																											
P-275/285- DF-03A	7:23	Water	↓																										
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)																													
Empty Kit Relinquished by: Eight 100	Date: 7-7-16 / 1240	Time: 1:20 PM	Method of Shipment: UPS Trunk	Date/time: 7-7-16 1:20 PM	Company: TestAmerica																								
Relinquished by: Tim Knilling	Date/time: 7-7-16 1:50PM	Received by: Tim Knilling	Received by: Tim Knilling	Date/time: 7-7-16 0200	Company: TestAmerica																								
Relinquished by: Tim Knilling	Date/time:	Received by:	Received by:	Date/time:	Company:																								
Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: 210, 211 #1																													
Cooler Temperature(s) °C and Other Remarks:																													
△ Yes △ No																													

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Chain of Custody Record

480501-Albany

Client Information		Sampler: Will Pierce	Lab P/M: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-74091-45571.21
Client Contact:	Phone: (518) 435-4500	E-Mail: judy.stone@testamericainc.com		Page: 24 of 10	Page:
Company:	CHA Inc			Job #:	
Address:	111 Wimers Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269	Analysis Requested Due Date Requested: TAT Requested (days): 5 days FO #: 31521-1000-44200 WO #: Project Name: carmillo@chacompanies.com Project #: 46020240 SSOW#: Total Number of Contaminants: 200.8 - ICP Metals Single Element Perform MS/MSD (Yes or No): Yes Select Filtered Sample (Yes or No): No			
Phone:	518-453-4500(Tel)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Sewage, Combustion, Air/Air)
Email:	carmillo@chacompanies.com				
Project Name:	Bergen County, NJ				
Site:					
Sample Identification				Preservation Code: D	Special Instructions/Note: Please hold sample
P-275/285-DF-03B	7-7-10	739	G	Water	
P-275/285-CS-01A	741			Water	
P-275/285-CS-01B	742			Water	
P-275/285-CS-02A	741			Water	
P-275/285-CS-02B	745			Water	
P-275/285-CS-03A BC	759			Water	
P-275/285-CS-03B BC	800			Water	
P-275/285-DF-04A	818			Water	
P-275/285-DF-04B	819			Water	
P-275/285-CS-04 A	758			Water	
P-275/285-CS-04 B	759			Water	
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: Deliverable Requested: I, II, III, IV, Other (specify)					
Possible Hazard Identification <input 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		Date: 7-7-10/12 00	Time: 12:00	Method of Shipment:	
Empty Kit Relinquished by:		Received by: I am blank	Date/Time: 7-7-10 12:00	Company TestAmerica	
Relinquished by:		Received by: I am blank	Date/Time: 7/11/16 0200	Company TestAmerica	
Relinquished by:		Received by: I am blank	Date/Time: 7/11/16 0200	Company TestAmerica	
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Custody Seal No.: 20,21 #1	Cooler Temperature(s) °C and Other Remarks:		

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480501-Albany **Chain of Custody Record**

Client Information

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

Sampler: Will Pierce	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-74091-45571-23
Phone: (518)453-4500	E-mail: judy.stone@testamericainc.com	Page 28 of 33	Page 28 of 33 8 of 10
Analysis Requested Due Date Requested: TAT Requested (days): 5 days PO#: 31521 1000 44200 WO#: Project #: 460220240 SSOW#: 200.8 - ICP Metals Single Element Permit/MIS/MSD/VIs (Yes or No) Please hold Sample (Yes or No) Total Number of Containers Other:			
Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonium H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:			
Special Instructions/Note:			
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)
P-275/285-DF-06B	7-7-10	8:57	G Water
P-275/285-CS-06A		8:38	Water
P-275/285-CS-06B		8:31	Water
P-275/285-CS-07A		8:41	Water
P-275/285-CS-07B		8:43	Water
P-275/285-CS-08A		8:46	Water
P-275/285-Y8808B		8:47	Water
P-275/285-CS-09A		8:50	Water
P-275/285-CS-09B		8:51	Water
P-275/285-IM-01A		8:18	Water
H-200E-Y5-01A		9:34	Water
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:			
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		Date:	Time:
Deliverable Requested: I, II, III, IV, Other (specify)		Method of Shipment:	
Empty Kit Relinquished by: Relinquished by: Frank Wos Relinquished by: Tim Knollmeyer Relinquished by: Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Date/Time: 7-7-16 / 10:40	Company: Frank Wos
		Date/Time: 7-7-16 / 10:50	Company: Tim Knollmeyer
		Date/Time: 7-7-16 / 10:50	Company: Frank Wos
		Date/Time: 7-8-16 / 02:00	Company: Tim Knollmeyer
		Cooler Temperature(s) °C and Other Remarks: 71.0, 71.1 #1	

TestAmerica Edison

Chain of Custody Record

480501-Albany

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

TestAmerica

Tel/Fax: 732-455-8114 E-mail: TFS@TFS.COM

Client Information		Sample#:	Name:	Lab P/M:	Carrier Tracking No(s):	Date:	Time:	Method of Shipment:
Address:	111 Wimmers Circle PO BOX 5269 Albany	Phone:	Will Pierce	E-Mail:	Judy L Stone, Judy.L.Stone@testamericainc.com			
Client Contact:	Ms. Regina Camilli	State, Zip:	(518) 435-4500					
Company:	CHA Inc	Phone:						
Address:	518-4500(Tel)	Email:						
Project Name:	camilli@chacompanies.com	Project #:						
Bergen County, NJ		SSOW#:						
Analysis Requested <input checked="" type="checkbox"/> 200.8 - ICP Metals Single Element <input checked="" type="checkbox"/> Performed MS/MS/ICP-MS (Yes or No) <input checked="" type="checkbox"/> Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Total Number of Contaminants								
Due Date Requested: TAT Requested (days): 5 days								
Address: 111 Wimmers Circle PO BOX 5269 Albany NY, 12205-0269								
Lab P/M: Judy L Stone, Judy.L.Stone@testamericainc.com								
Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Ammonia H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:								
Special Instructions/Note: Please hold sample								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Sample Matrix (Water, Sediment, Cervarate, Air)	Preservation Code	Date:	Time:
H-2005-KS-01B	7-7-10	1925	C	Water		D		
H-2005-KS-02A		1927	I	Water				
H-2005-KS-02B		1928	I	Water				
H-2005-DF-01A		1930	I	Water				
H-2005-DF-01B		1931	I	Water				
H-2005-SF-01A		1932	I	Water				
H-2005-SF-01B		1937	I	Water				
H-2005-SF-02A		1939	I	Water				
H-2005-SF-02B		1940	I	Water				
H-2005-KS-114A		1941	I	Water				
H-2005-KS-114B		1942	I	Water				
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:								
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		Date:	Time:					
Deliverable Requested: I, II, III, IV, Other (specify)								
Empty Kit Relinquished by: <input checked="" type="checkbox"/> Field Rep <input type="checkbox"/> Tim Knobler		Date/Time:	Received by:	Date/Time:				
		Date/Time:	Received by:	Date/Time:				
		Date/Time:	Received by:	Date/Time:				
		Date/Time:	Received by:	Date/Time:				
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: 710, 211 BT1						
		Cooler Temperature(s) °C and Other Remarks:						

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Chain of Custody Record

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102772-2

Login Number: 102772

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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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: 480-102880-2

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:

8/3/2016 8:31:37 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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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: 480-102880-2

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: 480-102880-2

Job ID: 480-102880-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-102880-2

Receipt

The samples were received on 7/9/2016 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

Metals

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

Detection Summary

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: S-492-KS-02B

Lab Sample ID: 480-102880-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-DF-02B

Lab Sample ID: 480-102880-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-02B

Lab Sample ID: 480-102880-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-01B

Lab Sample ID: 480-102880-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	241		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-02B

Lab Sample ID: 480-102880-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	97.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-04B

Lab Sample ID: 480-102880-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	54.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-05B

Lab Sample ID: 480-102880-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	36.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-06B

Lab Sample ID: 480-102880-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	73.7		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-07B

Lab Sample ID: 480-102880-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-08B

Lab Sample ID: 480-102880-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-09B

Lab Sample ID: 480-102880-59

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: T-504-CS-09B (Continued)

Lab Sample ID: 480-102880-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.4		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-10B

Lab Sample ID: 480-102880-73

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: T-504-DF-05B

Lab Sample ID: 480-102880-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-11B

Lab Sample ID: 480-102880-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-DF-07B

Lab Sample ID: 480-102880-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-12B

Lab Sample ID: 480-102880-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-13B

Lab Sample ID: 480-102880-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-CS-15B

Lab Sample ID: 480-102880-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		1.0	0.17	ug/L	1		200.8	Total/NA

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: 480-102880-2

Client Sample ID: S-492-KS-02B

Date Collected: 07/08/16 07:11
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-2

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.8		1.0	0.17	ug/L		08/01/16 20:03	08/02/16 12:33	1

Client Sample ID: S-492-DF-02B

Date Collected: 07/08/16 07:29
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-4

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.7		1.0	0.17	ug/L		08/01/16 20:05	08/02/16 12:36	1

Client Sample ID: W-304-KS-02B

Date Collected: 07/08/16 07:58
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-17

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.7		1.0	0.17	ug/L		08/01/16 20:07	08/02/16 12:38	1

Client Sample ID: T-504-CS-01B

Date Collected: 07/08/16 06:43
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-35

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	241		1.0	0.17	ug/L		08/01/16 20:09	08/02/16 12:41	1

Client Sample ID: T-504-CS-02B

Date Collected: 07/08/16 06:45
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-37

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	97.7		1.0	0.17	ug/L		08/01/16 20:11	08/02/16 12:44	1

Client Sample ID: T-504-CS-04B

Date Collected: 07/08/16 06:58
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-47

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	54.4		1.0	0.17	ug/L		08/01/16 20:13	08/02/16 12:47	1

Client Sample ID: T-504-CS-05B

Date Collected: 07/08/16 07:00
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-49

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	36.6		1.0	0.17	ug/L		08/01/16 20:15	08/02/16 12:56	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: T-504-CS-06B

Lab Sample ID: 480-102880-53

Date Collected: 07/08/16 07:07
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	73.7		1.0	0.17	ug/L		08/01/16 20:17	08/02/16 12:59	1

Client Sample ID: T-504-CS-07B

Lab Sample ID: 480-102880-55

Date Collected: 07/08/16 07:09
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.4		1.0	0.17	ug/L		08/01/16 20:19	08/02/16 13:02	1

Client Sample ID: T-504-CS-08B

Lab Sample ID: 480-102880-57

Date Collected: 07/08/16 07:12
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1		1.0	0.17	ug/L		08/01/16 20:21	08/02/16 13:04	1

Client Sample ID: T-504-CS-09B

Lab Sample ID: 480-102880-59

Date Collected: 07/08/16 07:14
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.4		1.0	0.17	ug/L		08/01/16 20:25	08/02/16 13:07	1

Client Sample ID: T-504-CS-10B

Lab Sample ID: 480-102880-73

Date Collected: 07/08/16 07:27
Date Received: 07/09/16 09:00

Matrix: Water

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		08/01/16 20:36	08/02/16 13:21	1

Client Sample ID: T-504-DF-05B

Lab Sample ID: 480-102880-75

Date Collected: 07/08/16 07:32
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17.8		1.0	0.17	ug/L		08/01/16 20:38	08/02/16 13:39	1

Client Sample ID: T-504-CS-11B

Lab Sample ID: 480-102880-77

Date Collected: 07/08/16 07:34
Date Received: 07/09/16 09:00

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.2		1.0	0.17	ug/L		08/01/16 20:40	08/02/16 13:41	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: T-504-DF-07B

Lab Sample ID: 480-102880-79

Matrix: Water

Date Collected: 07/08/16 07:52
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15.9		1.0	0.17	ug/L		08/01/16 20:42	08/02/16 13:44	1

Client Sample ID: T-504-CS-12B

Lab Sample ID: 480-102880-81

Matrix: Water

Date Collected: 07/08/16 07:48
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		1.0	0.17	ug/L		08/01/16 20:44	08/02/16 13:47	1

Client Sample ID: T-504-CS-13B

Lab Sample ID: 480-102880-83

Matrix: Water

Date Collected: 07/08/16 07:50
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.6		1.0	0.17	ug/L		08/01/16 20:46	08/02/16 13:50	1

Client Sample ID: T-504-CS-15B

Lab Sample ID: 480-102880-91

Matrix: Water

Date Collected: 07/08/16 07:56
Date Received: 07/09/16 09:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.6		1.0	0.17	ug/L		08/01/16 20:48	08/02/16 13:53	1

QC Sample Results

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

TestAmerica Job ID: 480-102880-2

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-313823/1-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313823

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		08/01/16 19:45	08/02/16 11:58	1

Lab Sample ID: LCS 480-313823/2-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313823

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead	20.0		21.86		ug/L		109	85 - 115	

Lab Sample ID: 480-102880-59 MS

Matrix: Water

Analysis Batch: 314070

Client Sample ID: T-504-CS-09B

Prep Type: Total/NA

Prep Batch: 313823

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	5.4		20.0	22.42		ug/L		85	70 - 130	

Lab Sample ID: 480-102880-59 MSD

Matrix: Water

Analysis Batch: 314070

Client Sample ID: T-504-CS-09B

Prep Type: Total/NA

Prep Batch: 313823

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier									
Lead	5.4		20.0	25.78		ug/L		102	70 - 130	14	20

Lab Sample ID: MB 480-313824/1-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313824

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		08/01/16 20:30	08/02/16 13:15	1

Lab Sample ID: LCS 480-313824/2-A

Matrix: Water

Analysis Batch: 314070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313824

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead	20.0		21.42		ug/L		107	85 - 115	

Lab Sample ID: 480-102880-73 MS

Matrix: Water

Analysis Batch: 314070

Client Sample ID: T-504-CS-10B

Prep Type: Total/NA

Prep Batch: 313824

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	1.7		20.0	19.86		ug/L		91	70 - 130	

Lab Sample ID: 480-102880-73 MSD

Matrix: Water

Analysis Batch: 314070

Client Sample ID: T-504-CS-10B

Prep Type: Total/NA

Prep Batch: 313824

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier									
Lead	1.7		20.0	22.29		ug/L		103	70 - 130	12	20

TestAmerica Buffalo

QC Sample Results

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

TestAmerica Job ID: 480-102880-2

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QC Association Summary

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

TestAmerica Job ID: 480-102880-2

Metals

Prep Batch: 313823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-2	S-492-KS-02B	Total/NA	Water	200 Series	1
480-102880-4	S-492-DF-02B	Total/NA	Water	200 Series	2
480-102880-17	W-304-KS-02B	Total/NA	Water	200 Series	3
480-102880-35	T-504-CS-01B	Total/NA	Water	200 Series	4
480-102880-37	T-504-CS-02B	Total/NA	Water	200 Series	5
480-102880-47	T-504-CS-04B	Total/NA	Water	200 Series	6
480-102880-49	T-504-CS-05B	Total/NA	Water	200 Series	7
480-102880-53	T-504-CS-06B	Total/NA	Water	200 Series	8
480-102880-55	T-504-CS-07B	Total/NA	Water	200 Series	9
480-102880-57	T-504-CS-08B	Total/NA	Water	200 Series	10
480-102880-59	T-504-CS-09B	Total/NA	Water	200 Series	11
MB 480-313823/1-A	Method Blank	Total/NA	Water	200 Series	12
LCS 480-313823/2-A	Lab Control Sample	Total/NA	Water	200 Series	13
480-102880-59 MS	T-504-CS-09B	Total/NA	Water	200 Series	14
480-102880-59 MSD	T-504-CS-09B	Total/NA	Water	200 Series	

Prep Batch: 313824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-73	T-504-CS-10B	Total/NA	Water	200 Series	13
480-102880-75	T-504-DF-05B	Total/NA	Water	200 Series	14
480-102880-77	T-504-CS-11B	Total/NA	Water	200 Series	
480-102880-79	T-504-DF-07B	Total/NA	Water	200 Series	
480-102880-81	T-504-CS-12B	Total/NA	Water	200 Series	
480-102880-83	T-504-CS-13B	Total/NA	Water	200 Series	
480-102880-91	T-504-CS-15B	Total/NA	Water	200 Series	
MB 480-313824/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-313824/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-102880-73 MS	T-504-CS-10B	Total/NA	Water	200 Series	
480-102880-73 MSD	T-504-CS-10B	Total/NA	Water	200 Series	

Analysis Batch: 314070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-102880-2	S-492-KS-02B	Total/NA	Water	200.8	313823
480-102880-4	S-492-DF-02B	Total/NA	Water	200.8	313823
480-102880-17	W-304-KS-02B	Total/NA	Water	200.8	313823
480-102880-35	T-504-CS-01B	Total/NA	Water	200.8	313823
480-102880-37	T-504-CS-02B	Total/NA	Water	200.8	313823
480-102880-47	T-504-CS-04B	Total/NA	Water	200.8	313823
480-102880-49	T-504-CS-05B	Total/NA	Water	200.8	313823
480-102880-53	T-504-CS-06B	Total/NA	Water	200.8	313823
480-102880-55	T-504-CS-07B	Total/NA	Water	200.8	313823
480-102880-57	T-504-CS-08B	Total/NA	Water	200.8	313823
480-102880-59	T-504-CS-09B	Total/NA	Water	200.8	313823
480-102880-73	T-504-CS-10B	Total/NA	Water	200.8	313824
480-102880-75	T-504-DF-05B	Total/NA	Water	200.8	313824
480-102880-77	T-504-CS-11B	Total/NA	Water	200.8	313824
480-102880-79	T-504-DF-07B	Total/NA	Water	200.8	313824
480-102880-81	T-504-CS-12B	Total/NA	Water	200.8	313824
480-102880-83	T-504-CS-13B	Total/NA	Water	200.8	313824
480-102880-91	T-504-CS-15B	Total/NA	Water	200.8	313824
MB 480-313823/1-A	Method Blank	Total/NA	Water	200.8	313823

TestAmerica Buffalo

QC Association Summary

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

TestAmerica Job ID: 480-102880-2

Metals (Continued)

Analysis Batch: 314070 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-313824/1-A	Method Blank	Total/NA	Water	200.8	313824
LCS 480-313823/2-A	Lab Control Sample	Total/NA	Water	200.8	313823
LCS 480-313824/2-A	Lab Control Sample	Total/NA	Water	200.8	313824
480-102880-59 MS	T-504-CS-09B	Total/NA	Water	200.8	313823
480-102880-59 MSD	T-504-CS-09B	Total/NA	Water	200.8	313823
480-102880-73 MS	T-504-CS-10B	Total/NA	Water	200.8	313824
480-102880-73 MSD	T-504-CS-10B	Total/NA	Water	200.8	313824

Lab Chronicle

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: S-492-KS-02B

Date Collected: 07/08/16 07:11

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:03	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:33	MTM2	TAL BUF

Client Sample ID: S-492-DF-02B

Date Collected: 07/08/16 07:29

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:05	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:36	MTM2	TAL BUF

Client Sample ID: W-304-KS-02B

Date Collected: 07/08/16 07:58

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:07	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:38	MTM2	TAL BUF

Client Sample ID: T-504-CS-01B

Date Collected: 07/08/16 06:43

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:09	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:41	MTM2	TAL BUF

Client Sample ID: T-504-CS-02B

Date Collected: 07/08/16 06:45

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:11	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:44	MTM2	TAL BUF

Client Sample ID: T-504-CS-04B

Date Collected: 07/08/16 06:58

Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-47

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:13	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:47	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: T-504-CS-05B

Date Collected: 07/08/16 07:00
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:15	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:56	MTM2	TAL BUF

Client Sample ID: T-504-CS-06B

Date Collected: 07/08/16 07:07
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-53

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:17	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 12:59	MTM2	TAL BUF

Client Sample ID: T-504-CS-07B

Date Collected: 07/08/16 07:09
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:19	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:02	MTM2	TAL BUF

Client Sample ID: T-504-CS-08B

Date Collected: 07/08/16 07:12
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-57

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:21	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:04	MTM2	TAL BUF

Client Sample ID: T-504-CS-09B

Date Collected: 07/08/16 07:14
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-59

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313823	08/01/16 20:25	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:07	MTM2	TAL BUF

Client Sample ID: T-504-CS-10B

Date Collected: 07/08/16 07:27
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-73

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:36	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:21	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-2

Client Sample ID: T-504-DF-05B

Date Collected: 07/08/16 07:32
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-75

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:38	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:39	MTM2	TAL BUF

Client Sample ID: T-504-CS-11B

Date Collected: 07/08/16 07:34
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-77

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:40	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:41	MTM2	TAL BUF

Client Sample ID: T-504-DF-07B

Date Collected: 07/08/16 07:52
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-79

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:42	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:44	MTM2	TAL BUF

Client Sample ID: T-504-CS-12B

Date Collected: 07/08/16 07:48
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-81

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:44	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:47	MTM2	TAL BUF

Client Sample ID: T-504-CS-13B

Date Collected: 07/08/16 07:50
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-83

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:46	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:50	MTM2	TAL BUF

Client Sample ID: T-504-CS-15B

Date Collected: 07/08/16 07:56
Date Received: 07/09/16 09:00

Lab Sample ID: 480-102880-91

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			313824	08/01/16 20:48	MTM2	TAL BUF
Total/NA	Analysis	200.8		1	314070	08/02/16 13:53	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-102880-2

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: 480-102880-2

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	NY455	06-30-17
Analysis Method	Prep Method	Matrix	Analyte	

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

Method Summary

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

TestAmerica Job ID: 480-102880-2

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

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: 480-102880-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-102880-2	S-492-KS-02B	Water	07/08/16 07:11	07/09/16 09:00
480-102880-4	S-492-DF-02B	Water	07/08/16 07:29	07/09/16 09:00
480-102880-17	W-304-KS-02B	Water	07/08/16 07:58	07/09/16 09:00
480-102880-35	T-504-CS-01B	Water	07/08/16 06:43	07/09/16 09:00
480-102880-37	T-504-CS-02B	Water	07/08/16 06:45	07/09/16 09:00
480-102880-47	T-504-CS-04B	Water	07/08/16 06:58	07/09/16 09:00
480-102880-49	T-504-CS-05B	Water	07/08/16 07:00	07/09/16 09:00
480-102880-53	T-504-CS-06B	Water	07/08/16 07:07	07/09/16 09:00
480-102880-55	T-504-CS-07B	Water	07/08/16 07:09	07/09/16 09:00
480-102880-57	T-504-CS-08B	Water	07/08/16 07:12	07/09/16 09:00
480-102880-59	T-504-CS-09B	Water	07/08/16 07:14	07/09/16 09:00
480-102880-73	T-504-CS-10B	Water	07/08/16 07:27	07/09/16 09:00
480-102880-75	T-504-DF-05B	Water	07/08/16 07:32	07/09/16 09:00
480-102880-77	T-504-CS-11B	Water	07/08/16 07:34	07/09/16 09:00
480-102880-79	T-504-DF-07B	Water	07/08/16 07:52	07/09/16 09:00
480-102880-81	T-504-CS-12B	Water	07/08/16 07:48	07/09/16 09:00
480-102880-83	T-504-CS-13B	Water	07/08/16 07:50	07/09/16 09:00
480-102880-91	T-504-CS-15B	Water	07/08/16 07:56	07/09/16 09:00

TestAmerica

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Chain of Custody Record

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 548-3900 Fax (732) 549-3679

480501-Albany

Sampler: Will Pierce
Lab PM: Stone, Judy L
Phone: (518) 435-4500
E-Mail: judy.stone@testamericainc.com

COC No.
460-74091-45571.26

Page:
Page 26 of 33

Job #:
102 886

Preservation Codes:

- A - HCl
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - NaHSO4
- F - MeOH
- G - H2SO4
- H - Ascorbic Acid
- I - Ice
- J - DI Water
- K - EDTA
- L - EDA
- Z - other (specify)

Other:



480-102880 Chain of Custody

Analysis Requested

Total Num:

1

Special Instructions/Note:

2008 - COP Metabolite Single Element

Elemental MS/MS (Yes or No)

Field Extracted Sample (Yes or No)

Sample ID:

Project ID:

PO #:

WO #:

Phone #:

Email:

Project Name:

Bergen County, NJ

Site:

SSOW#:

Address:

City:

State, Zip:

Phone:

518-453-4500 (Tel)

Email:

rcamill@chacompanies.com

Project Name:

46020240

SSOW#:

Address:

City:

State, Zip:

Phone:

518-453-4500 (Tel)

Email:

rcamill@chacompanies.com

Project Name:

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46020240

SSOW#:

Address:

City:

State, Zip:

Phone:

518-453-4500 (Tel)

Email:

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTS

Job#:

Page: 2 of 9

COC No:
46D-74091-45571-27

Sample:

Will Pierce

Lab PM:

Judy L.

E-Mail:

judy.stone@testamericaninc.com

Carrier Tracking No(s):

Other:

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany **Chain of Custody Record**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Will Pierce</u>	Lab P.M.: Stone, Judy L.	Carrier Tracking No(s):	COC No: 460-74091-45571-29
Client Contact: Ms. Rogina Camilli	Phone: <u>(518) 435-4500</u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Job #:	Page 2 of 35	Page: <u>4 of 9</u>
Analysis Requested					
<p>Address: 111 Winners Circle PO BOX 5299 City: Albany State, Zip: NY 12205-0269 Phone: 518-453-4500(Tel) Email: <u>rcamilli@chacompanies.com</u> Project Name: Bergen County, NJ Site: SSW#:</p> <p>Due Date Requested: TAT Requested (days): <u>5 days</u></p> <p>PO #: 31251-1000-44200 WO #:</p> <p>Project #: 46020240</p>					
<p>Total Number of Containers: <u>1</u></p> <p>Requestor-MS/MSD/MSD (Yes or No): <input checked="" type="checkbox"/> Yes</p> <p>Field Filtered Sample (Yes or No): <input checked="" type="checkbox"/> Yes</p> <p>200-8-1PC Polaris Single Element</p>					
<p>Special Instructions/Note: <input checked="" type="checkbox"/> Please hold sample</p>					
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp., G=grab)	Matrix (W=water, S=solid, C=consolidated, A=air)	Preservation Code:
T-SD4-CS-01A	7-8-10	10:43	G	Water	<input checked="" type="checkbox"/> D
T-SD4-CS-01B	1	19:43	I	Water	<input checked="" type="checkbox"/> D
T-SD4-CS-02A	1	19:44	I	Water	<input checked="" type="checkbox"/> D
T-SD4-CS-CS-B	1	19:45	I	Water	<input checked="" type="checkbox"/> D
T-SD4-KS-03A	1	19:48	I	Water	<input checked="" type="checkbox"/> D
T-SD4-KS-03B	1	19:49	I	Water	<input checked="" type="checkbox"/> D
T-SD4-KS-04A	1	19:50	I	Water	<input checked="" type="checkbox"/> D
T-SD4-KS-04B	1	19:51	I	Water	<input checked="" type="checkbox"/> D
T-SD4-CS-03A	1	19:54	I	Water	<input checked="" type="checkbox"/> D
T-SD4-CS-03B	1	19:55	I	Water	<input checked="" type="checkbox"/> D
T-SD4-BF-01A	1	19:56	I	Water	<input checked="" type="checkbox"/> D
<p><input checked="" type="checkbox"/> Possible Hazard Identification <input 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</p> <p>Deliverable Requested: I, II, III, IV, Other (specify)</p>					
<p>Empty Kit Relinquished by: <u>Robert Wier</u> Date/time: <u>7-8-16 / 13:50</u> Company: <input type="checkbox"/> Received by: <u>Tim Kehlberger</u> Date/time: <u>7-8-16 13:50</u> Company: <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal/By Lab <input type="checkbox"/> Archive For: <input type="checkbox"/> Months: <u>1</u></p>					
<p>Relinquished by: <u>John Iminger</u> Date/time: <u>7-8-16 14:00</u> Company: <input type="checkbox"/> Received by: <u>Tim Kehlberger</u> Date/time: <u>7-8-16 09:00</u> Company: <input type="checkbox"/> Property of <u>TAI</u> <input type="checkbox"/> Property of <u>TAI</u> <input type="checkbox"/> Company: <input type="checkbox"/></p>					
<p>Cooler Temperature(s) °C and Other Remarks: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>					

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

480501-Albany

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact:

Ms. Regina Camilli

Company:

CHA Inc.

Address:

111 WInners Circle PO BOX 5269

City:

Albany

State/Zip:

NY, 12205-0269

Phone:

518-453-4500 (Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Sample#:

Will Pierce

Phone: (518) 435-4500

Carrier Tracking No(s):

COC No:
460-74051-4557/1.31Page:
Page-31 of 33 10 of 9

Job #:

Last FM:

Stone, Judy L

E-Mail:

judy.stone@testamericainc.com

Page:
Page-31 of 33 10 of 9

Analysis Requested

Preservation Codes:

- A - HCl
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - NaHSO4
- F - MeOH
- G - Anchors
- H - Ascorbic Acid
- I - Ice
- J - DI Water
- K - EDTA
- L - EDA
- M - Hexane
- N - None
- O - NaAcO2
- P - Na2O4S
- Q - Na2SO3
- R - Na2ZrO3
- S - H2SO4
- T - TSP Dodecahydrate
- U - Acetone
- V - MCAA
- W - pH 4.5
- Z - other (specify)

Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Field Filtered Sample (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

Z

Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Field Filtered Sample (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

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Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

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Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

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Z

Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

D

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G

H

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J

K

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M

N

O

P

Q

R

S

T

U

V

W

Z

Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

D

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Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

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Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

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Other:

Total Number of Contaminants:

Special Instructions/Note:

200-8 - ICP Metals Single Element

Performs ICP/MS/MS (yes or No)

Project #:

46020240

SSOW#:

Sample Identification

Sample Date

Sample Time

Sample Type

Matrix

Preservation Code:

D

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TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica Albany

480501-Albany Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler: <u>Nill Pierce</u>	Lab/P.M.: Stone, Judy L.	Carrier Tracking No(s):	COC No: 460-74091-45571-33
Company:	Address:	Phone: (518)435-4500	E-Mail: judy.stone@testamericainc.com	Page <u>5</u> of <u>9</u>	Page <u>5</u> of <u>9</u>
Client Contact:	Phone: (732) 549-3900 (Tel)	PO #:	WO #:	Job #:	Job #:
Ms. Reginna Camilli	Email: rcamilli@chacompanies.com	Project #: 46092340	SSOW#:		
Company:	State/Zip:	Address:	City:	TAT Requested (days):	Due Date Requested:
CHA Inc	NY, 12205-0269	111 Winners Circle PO BOX 5269	Albany	<u>5 days</u>	
Analysis Requested					
Total Number of Contaminants: 5					
Special Instructions/Note:					
200.8 - CCP Metrics Single Element					
Electron Microscopy (SEM) (yes or no)					
Field Selected Sample (yes or no)					
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp., G=grab)	Matrix (Water, Soil, Oil/Water/Oil, BIO/Tissue, Air)	Preservation Codes
T-SO4-KS-08B	7-8-16	724	G	Water	D
T-SO4-KS-C9A	-	741	I	Water	
T-SO4-KS-C9B	-	742	I		
T-SO4-BF-02A	-	728	I		
T-SO4-BF-02B	-	729	I		
T-SO4-CS-10A	-	730	I		
T-SO4-CS-10B	-	727	I		
T-SO4-DF-05A	-	731	I		
T-SO4-DF-05B	-	732	I		
T-SO4-CS-11A	-	733	I		
T-SO4-CS-11B	-	734	I		
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<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)					
Empty Kit Relinquished by:					
Relinquished by: <u>Robert W. J. Kinder</u>	Date/Time: <u>7-8-16 / 1350</u>	Company: <u>TestAmerica</u>	Received by: <u>Tim Krasilnikoff</u>	Date/Time: <u>7-8-16 / 1350</u>	Company: <u>TestAmerica</u>
Relinquished by: <u>Jean Kinder</u>	Date/Time: <u>7-8-16 / 1800</u>	Company: <u>TestAmerica</u>	Received by: <u>Linda Miller</u>	Date/Time: <u>7-8-16 / 1800</u>	Company: <u>TestAmerica</u>
Custody Seal Intact: <input checked="" type="checkbox"/> Custody Seal No.: <input type="checkbox"/> Yes <input type="checkbox"/> No					
Cooler Temperature(s) °C and Other Remarks:					

TestAmerica Edison

777 New Durham Road
Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

480501-Albany Chain of Custody Record

Client Information

Client Contact:

Ms. Rogina Camilli

Company:

CHA Inc

Address:

111 Winners Circle PO BOX 5269

City:

Albany

State/Zip:

NY, 12205-0269

Phone:

518-453-4900(Tel)

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Sampler: Will Pence

Phone: (518) 435-4500

E-Mail: judy.stone@testamericainc.com

Analysis Requested

Carrier Tracking No(s):

Lab Plat:

Stone, Judy L

E-Mail:

judy.stone@testamericainc.com

Job #:

Preservation Codes:

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-102880-2

Login Number: 102880

List Source: TestAmerica Buffalo

List Number: 1

Creator: Kinecki, Kenneth P

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	