

Lead in Drinking Water Initial Compliance Sampling Report

Bergen County Special Services School District Bergen County, New Jersey

CHA Project Number: 31521.1001

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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 Initial Compliance Sampling for 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 compliance with the New Jersey State Board of Education (NJBOE) regulations requiring testing for lead in drinking water of all New Jersey educational facilities (N.J.A.C. 6A:26-1.2 and 12.4). The sampling was conducted in accordance with the scope of services outlined in CHA's June 19, 2017 Extra Work Authorization #4.

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 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, NJBOE 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). The regulations call for the institution of a drinking water testing program with the requirements to sample and analyze all drinking water outlets for elevated lead levels (above 15 µg/l) by no later than July 13, 2017. The regulation defines drinking water outlet as “any location at a school facility, other facility, or temporary facility, ..., where water is expected to be used for consumption or food preparation.

Lead testing of all drinking water outlets is required to be conducted at least every six (6) years following the initial testing. The sampling and testing results presented in this report constitute the initial testing for the Bergen County Special Services District.

3.0 SAMPLING APPROACH

The regulations require that the sampling and testing activities be done in accordance with two documents:

- Lead Sampling Plan – includes:
 - Plumbing profile for each building which identifies how water enters and flows through a building and the types of plumbing materials in the building.
 - A drinking water outlet inventory for each building.
 - A filter inventory for each building.
 - Names and responsibilities of all individuals involved in the sampling program.
 - Procedures to be followed prior to and during sample collection activities.
- Quality Assurance Project Plan (QAPP) – includes:
 - Project Officers names and contact information for each building.
 - Task organization
 - Data quality objectives and criteria for measurement
 - Identification of analytical methods, detection limits, and reporting processes
 - Sample handling and custody requirements
 - Field and laboratory quality assurance/quality control (QA/QC) measures

CHA, as Environmental Consultant to, and in conjunction with, the Bergen County Special Services School District, developed both documents using guidance documents/templates developed by the NJBOE and the New Jersey Department of Environmental Protection (NJDEP).



3.1 DRINKING WATER OUTLET COUNTS & LOCATIONS

Drinking water outlet counts and locations were determined using the plumbing profiles prepared for each building and confirmed by district facilities personnel associated with each building to be sampled. Outlet/sample locations are identified on floor plans provided by the District and included in Appendix A.

3.2 SAMPLING APPROACH

Drinking water outlets 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 coolers, faculty room/teacher's lounge sinks, coffee machines, nurse's office sinks, home economics classroom sinks, and ice machines. Ten buildings within the District were included in the sampling program. These ten buildings and the number of sampling points determined per building are summarized below:

- New Building, 296 E. Ridgewood Avenue, Paramus – 58 outlets
- Bleshman, 333 E. Ridgewood Avenue, Paramus – 35 outlets
- Montesano, 355 E. Ridgewood Avenue, Paramus – 16 outlets
- Solar House/Career Crossroads, 327 E. Ridgewood Avenue, Paramus – 4 outlets
- Springboard House, 321 E. Ridgewood Avenue, Paramus – 1 outlet
- Union Street, 334 Union Street, Hackensack – 5 outlets
- Gateway, 293 Main Street, Hackensack – 8 outlets
- Woodridge, 304 Valley Boulevard, Woodridge – 11 outlets
- Garfield House, 27 Lincoln Place, Garfield – 1 outlet
- Brownstone, 492 Saddle River Road, Saddle Brook – 7 outlets

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 of 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 directly at/in water outlets or fixtures and is thought to be representative of the worse-case scenario for potential exposure for a building occupant consuming water from the outlet. First draw samples are collected directly from the outlet/fixture into a pre-cleaned HDPE 250 ml wide-mouth rigid sample bottle without allowing any water to flow to the drain prior to sample collection.

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 help determine if the source of the lead concentration is from the upstream plumbing rather than the fixture/unit. 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 same type of sample bottle as used for the first draw sample.

A sample was collected from cold water outlets only at each of the identified drinking water outlets after the water in the building had remained unused for 8-18 hours prior to sample collection. The first sample collected was at the outlet nearest the point of water intake into the building. Sample collection then progressed outward from that point.

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 re-capped 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

G = Garfield

H = Hackensack

P = Paramus

S = Saddle Brook

W = Wood Ridge

Address number identifiers

27 = 27 Lincoln Place, Garfield

293 = 293 Main Street, Hackensack
296 = 296 East Ridgewood Avenue, Paramus
304 = 304 Valley Road, Woodridge
321 = 321 East Ridgewood Avenue, Paramus
327 = 327 East Ridgewood Avenue, Paramus
333 = 333 East Ridgewood Avenue, Paramus
334 = 334 Union Street, Hackensack
355 = 355 East Ridgewood Avenue, Paramus
492 = 492 Saddle River Road, Saddle Brook

Sampling point type identifiers

CM = Coffee Machine

DW = Drinking Water Fountain

EC = Home Economics Classroom Sink

IM = Ice Machine

KS = Kitchen Sink

NS = Nurse's Office Sink

TL = Teacher's Lounge Sink

WC = Water Cooler

Sample Type

A = first draw sample

B = flush sample

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

To avoid additional time to collect flush samples at each site should analysis of 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 from the Special Services District buildings were collected on June 20, 21, 23, and 27, 2017, and on February 16, 2018.



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. In order to accommodate the number of samples and the requested deliverable schedule, TAL utilized their facilities located in Edison, NJ and Buffalo, NY. Both locations carry current NJDEP certifications 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 sampling window each day generally ranged from 6:00 am to 8:00 – 8:30 am. Access to the school buildings, areas within, and confirmation of the main water intake point location in each building was provided by District facility staff.

All existing aerators, screens, and filters were left in place during the sampling event.

Given the difficulty of accessing the water line into the ice machines, samples were 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 machines.

Given that the water was collected at each outlet directly into the sample bottle and there was no other sampling equipment involved in the sample collection process, no decontamination procedures were necessary between outlets.

3.4 EXCLUSIONS & LIMITATIONS

Types of fixtures/outlets/points not included in the sampling program because they were not considered to be potential consumption points are listed below:

- General classroom sinks
- Bathroom sinks
- Hand wash sinks

- Dishwashing sink faucets/machines/sprayers
- Laundry room fixtures
- Janitorial and slop sinks
- Outside hose spigots
- Hot water faucets/lines

There were no floor plans provided for Garfield House or Springboard House.

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 action level (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 146 first draw samples analyzed, 11 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. The flush samples were then analyzed for those 11 outlets that had first draw results above the AL. Review of the laboratory results for the flush samples indicated that of the 11 flush samples analyzed, none of the samples exhibited lead concentrations above the 15 µg/L AL. Analytical results for first draw and flush sample analyses for each building are presented in Tables 1-10. 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 the tables. The tables have been organized by end use point type. The results for the two buildings that had results exceeding the AL are discussed in greater detail below.

Gateway - Hackensack

Eight outlets; three drinking fountains, two kitchen sinks, two ice machines, and one nurse's office sink were sampled at the Gateway building. The elevated first draw results (25.5 and 99.2 µg/l) were reported for the two kitchen sinks located in Kitchen 201A. The results for each of the flush samples for the kitchen sinks were below the AL for lead. Both of these outlets have a filter installed in the supply lines between the shut-off valves and the faucet.



Bleshman Building - Paramus

Drinking water outlets sampled at the Bleshman building consisted of two drinking fountains, 30 kitchen sinks, two nurse's sinks, and one ice machine. Of these 35 sampled outlets the laboratory results indicated elevated first draw results for eight of the kitchen sinks; one each in the main kitchen, Room D4, Room C5, Room C-3, Room C2, Room B1, Speech Room 2, and Speech Room 3. All of these outlets were observed to be un-filtered outlets. As a result, the flush samples collected at these kitchen sinks were analyzed and all exhibited results that were below the lead AL.

Woodridge

Drinking water outlets sampled at Woodridge consisted of four drinking fountains, one coffee machine, three kitchen/food prep sinks, two nurse's office sinks, and one teachers Lounge sink. Of these 11 sampled outlets the laboratory results indicated elevated first draw results for only the coffee machine. As a result, the flush sample for this outlet was analyzed and the laboratory results reported a lead level below the lead AL. The elevated outlet was observed to have a filter installed in the water supply line.

5.0 DATA QUALITY OBJECTIVES & MEASUREMENT

5.1 LABORATORY QUALITY CONTROL

Precision

To assess method precision, TestAmerica Laboratories analyzed a Laboratory Standard Control (LCS) for every 20-sample set of individual samples. All LCS results were within applicable control limits.

Bias

To assess method bias, TestAmerica analyzed a matrix spike, matrix spike duplicate, and method blank samples per every 20-sample set of individual school samples. All of the results for these samples were within applicable control limits, thus indicating no bias reported due to the analytical method utilized.

Comparability

TestAmerica utilized EPA Method 200.8 for the analysis of all of the school and quality control



samples. Method 200.8 is the acceptable method for the analysis of lead in drinking water as per the federal Safe Drinking Water Regulations cited at 40 CFR 141.86 and 40 CFA 141 Appendix A to Subpart C. Use of this method allows for the comparison of the analytical results to the federal drinking water action level for lead of greater than 15 µg/l.

Completeness

100% of the first draw samples collected were analyzed and the results reported. Flush samples were analyzed for 100% of the first draw sample locations that had lead results above the action level of 15 µg/l.

Sensitivity

TestAmerica's reporting limit for their lead analyses were reported as 2.0 µg/l for the Edison, NJ laboratory and 1.0 µg/l for the Amherst, NY laboratory. The federal drinking water regulations require that laboratory reporting limits be no higher than 2.0 µg/l. Both TestAmerica laboratory facilities utilized for analyses of the Bergen County samples met this requirement.

5.2 FIELD QUALITY CONTROL

Representativeness

Pursuant to identification of all drinking water outlets (as per the NJBOE definition) within a school, a first draw and flush sample were collected at all of the identified outlets.

Field Reagent Blank

In accordance with the QAPP prepared for this project, a Field Reagent Blank (FRB) should be collected at each school building. FRBs were not collected and analyzed during the initial sampling event (June 2017) based on the fact that there were no potential sources of ambient contamination determined to be associated with the sample collection procedures based on the following:

- Donning a new pair of latex gloves at each sample outlet prior to sample collection
- Use of plastic pre-cleaned bottles only as supplied by TestAmerica
- Sample containers were not re-used
- No metal sampling equipment/apparatus were used during sample collection activities

Note that, FRBs will be collected during any future sampling events.



6.0 CONCLUSIONS

At points exhibiting elevated first draw sample results, flushing of the outlet prior to flush sample collection showed reduced levels of lead 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 from which the sample was collected versus a piping/system concern. This conclusion may be applicable to those elevated outlets located at Gateway, Bleshman, and Woodridge. Filters are in place in the supply lines of the two Gateway sinks and the Woodridge coffee machine leading to the assumption that the water is at an acceptable lead level after leaving the filter, though upon sitting in the fixture/faucet, exhibits an elevated lead level when tested.

7.0 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. Evaluate and select remedial options most appropriate for the outlets found to exceed the AL as listed/detailed in Section 4.0 above. Laboratory results exceeding the AL were transmitted to the District immediately upon receipt by CHA. The District took immediate response actions to take impacted outlets out of service and make them un-operable. CHA has developed a Long-Term Response Decision Matrix presenting remedial options for the types of end use points sampled during this investigation. The Decision Matrix is included as Table 11.
2. 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:
 - New Building
 - Montesano
 - Solar House/Career Crossroads
 - Springboard House
 - Union Street
 - Garfield House

- Brownstone
3. 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.
 4. 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, confirmation 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.
 5. 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 since it would double the number of filters installed and in use.
 6. Since filters are typically only placed on the cold water lines, restrictions must be put 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.
 7. 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.



8.0 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.

N.J.A.C 6A:26, Educational Facilities: Regulations Regarding Testing for Lead in Water, July 13, 2016.

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 June 30 – July 19, 2017.



TABLES

TABLE 1
Laboratory Results
New Building
296 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Drinking Fountain	Adjacent to Room 1104	P-296-DW-01A	6/21/2017	0.28 (J)
		P-296-DW-01B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 1104	P-296-DW-02A	6/21/2017	0.19 (J)
		P-296-DW-02B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 2110	P-296-DW-03A	6/21/2017	<0.16
		P-296-DW-03B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 2110	P-296-DW-04A	6/21/2017	<0.16
		P-296-DW-04B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 3300	P-296-DW-08A	6/21/2017	0.29 (J)
		P-296-DW-08B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 3300	P-296-DW-09A	6/21/2017	0.21 (J)
		P-296-DW-09B	6/21/2017	NA
Drinking Fountain	Gymnasium	P-296-DW-18A	6/21/2017	<0.16
		P-296-DW-18B	6/21/2017	NA
Drinking Fountain	Gymnasium	P-296-DW-19A	6/21/2017	<0.16
		P-296-DW-19B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 1736	P-296-DW-23A	6/21/2017	<0.16
		P-296-DW-23B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 1740	P-296-DW-24A	6/21/2017	<0.16
		P-296-DW-24B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 1528	P-296-DW-27A	6/21/2017	<0.16
		P-296-DW-27B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 2826	P-296-DW-28A	6/21/2017	<0.16
		P-296-DW-28B	6/21/2017	NA
Drinking Fountain	Adjacent to Room 1528	P-296-DW-40A	6/23/2017	<0.17
		P-296-DW-40B	6/23/2017	NA
Drinking Fountain	Adjacent to Room 1528	P-296-DW-41A	6/23/2017	<0.17
		P-296-DW-41B	6/23/2017	NA
Drinking Fountain	Adjacent to Room 1524A	P-296-DW-45A	6/23/2017	<0.17
		P-296-DW-45B	6/23/2017	NA
Drinking Fountain	Adjacent to Room 1524A	P-296-DW-46A	6/23/2017	<0.17
		P-296-DW-46B	6/23/2017	NA
Drinking Fountain	Room 1602	P-296-DW-54A	6/23/2017	<0.17
		P-296-DW-54B	6/23/2017	NA
Drinking Fountain	Room 1602	P-296-DW-55A	6/23/2017	<0.17
		P-296-DW-55B	6/23/2017	NA
Kitchen/Food Prep Sink	Room 1524A	P-296-KS-47A	6/23/2017	0.22 (J)
		P-296-KS-47B	6/23/2017	NA
Kitchen/Food Prep Sink	Room 1526 – Kitchen Island	P-296-KS-48A	6/23/2017	0.22 (J)
		P-296-KS-48B	6/23/2017	NA
Kitchen/Food Prep Sink	Room 1526	P-296-KS-49A	6/23/2017	0.5 (J)
		P-296-KS-49B	6/23/2017	NA
Kitchen/Food Prep Sink	Room 1526	P-296-KS-50A	6/23/2017	0.3 (J)
		P-296-KS-50B	6/23/2017	NA
Kitchen/Food Prep Sink	Room 1526	P-296-KS-51A	6/23/2017	<0.17
		P-296-KS-51B	6/23/2017	NA
Kitchen/Food Prep Sink	Room 1526	P-296-KS-52A	6/23/2017	0.58 (J)
		P-296-KS-52B	6/23/2017	NA

TABLE 1
Laboratory Results
New Building
296 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Nurses Sink	Room 1818	P-296-NS-25A	6/21/2017	0.29 (J)
		P-296-NS-25B	6/21/2017	NA
Nurses Sink	Room 1818C	P-296-NS-26A	6/21/2017	<0.16
		P-296-NS-26B	6/21/2017	NA
Nurses Sink	Room 1518	P-296-NS-39A	6/23/2017	0.52 (J)
		P-296-NS-39B	6/23/2017	NA
Teacher's Lounge Sink	Room 2112	P-296-TL-05A	6/21/2017	0.36 (J)
		P-296-TL-05B	6/21/2017	NA
Teacher's Lounge Sink	Room 2202	P-296-TL-06A	6/21/2017	0.36 (J)
		P-296-TL-06B	6/21/2017	NA
Teacher's Lounge Sink	Room 2346	P-296-TL-07A	6/21/2017	0.21 (J)
		P-296-TL-07B	6/21/2017	NA
Teacher's Lounge Sink	Room 3202	P-296-TL-10A	6/21/2017	1.7 (J)
		P-296-TL-10B	6/21/2017	NA
Teacher's Lounge Sink	Room 3300	P-296-TL-11A	6/21/2017	0.77 (J)
		P-296-TL-11B	6/21/2017	NA
Teacher's Lounge Sink	Room 3304A	P-296-TL-12A	6/21/2017	0.18 (J)
		P-296-TL-12B	6/21/2017	NA
Teacher's Lounge Sink	Room 1110	P-296-TL-13A	6/21/2017	5.5
		P-296-TL-13B	6/21/2017	NA
Teacher's Lounge Sink	Room 1118	P-296-TL-14A	6/21/2017	0.71 (J)
		P-296-TL-14B	6/21/2017	NA
Teacher's Lounge Sink	Room 1200	P-296-TL-15A	6/21/2017	0.44 (J)
		P-296-TL-15B	6/21/2017	NA
Teacher's Lounge Sink	Room 1400A	P-296-TL-16A	6/21/2017	0.37 (J)
		P-296-TL-16B	6/21/2017	NA
Teacher's Lounge Sink	Room 1312	P-296-TL-17A	6/21/2017	0.43 (J)
		P-296-TL-17B	6/21/2017	NA
Teacher's Lounge Sink	Room 1600	P-296-TL-20A	6/21/2017	3.8
		P-296-TL-20B	6/21/2017	NA
Teacher's Lounge Sink	Room 1612	P-296-TL-21A	6/21/2017	0.62 (J)
		P-296-TL-21B	6/21/2017	NA
Teacher's Lounge Sink	Room 2850	P-296-TL-37A	6/21/2017	<0.16
		P-296-TL-37B	6/21/2017	NA
Teacher's Lounge Sink	Room 1520	P-296-TL-44A	6/23/2017	0.28 (J)
		P-296-TL-44B	6/23/2017	NA
Teacher's Lounge Sink	Room 1600	P-296-TL-56A	6/23/2017	0.70
		P-296-TL-56B	6/23/2017	NA
Home Economics Classroom Sink	Room 1728	P-296-EC-22A	6/21/2017	0.45 (J)
		P-296-EC-22B	6/21/2017	NA
Home Economics Classroom Sink	Room 2826	P-296-EC-29A	6/21/2017	<0.16
		P-296-EC-29B	6/21/2017	NA
Home Economics Classroom Sink	Room 2826 – Kitchen Island	P-296-EC-30A	6/21/2017	0.84 (J)
		P-296-EC-30B	6/21/2017	NA
Home Economics Classroom Sink	Room 2826 – Kitchen Island	P-296-EC-31A	6/21/2017	0.81 (J)
		P-296-EC-31B	6/21/2017	NA
Home Economics Classroom Sink	Room 2826	P-296-EC-32A	6/21/2017	0.33 (J)
		P-296-EC-32B	6/21/2017	NA

TABLE 1
Laboratory Results
New Building
296 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Home Economics Classroom Sink	Room 2834	P-296-EC-33A	6/21/2017	0.21 (J)
		P-296-EC-33B	6/21/2017	NA
Home Economics Classroom Sink	Room 2834 – Kitchen Island	P-296-EC-34A	6/21/2017	1.5 (J)
		P-296-EC-34B	6/21/2017	NA
Home Economics Classroom Sink	Room 2834 – Kitchen Island	P-296-EC-35A	6/21/2017	1.4 (J)
		P-296-EC-35B	6/21/2017	NA
Home Economics Classroom Sink	Room 2834	P-296-EC-36A	6/21/2017	0.86 (J)
		P-296-EC-36B	6/21/2017	NA
Home Economics Classroom Sink	Room 1546	P-296-EC-38A	6/23/2017	0.46 (J)
		P-296-EC-38B	6/23/2017	NA
Home Economics Classroom Sink	Room 1522	P-296-EC-42A	6/23/2017	0.29 (J)
		P-296-EC-42B	6/23/2017	NA
Home Economics Classroom Sink	Room 1522	P-296-EC-43A	6/23/2017	0.52 (J)
		P-296-EC-43B	6/23/2017	NA
Coffee Machine	Room 1312	P-296-CM-57A	2/16/2018	2.3
		P-296-CM-57B	2/16/2018	NA
Coffee Machine	Room 2112	P-296-CM-58A	2/16/2018	5.8
		P-296-CM-58B	2/16/2018	NA
Ice Machine	Room 1526	P-296-IM-53A	6/23/2017	<0.17

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 2
Laboratory Results
Bleshman
333 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results ($\mu\text{g/l}$)
Drinking Fountain	Outside men's restroom	P-333-DW-01A	6/20/2017	<0.16
		P-333-DW-01B	6/20/2017	NA
Drinking Fountain	Outside women's restroom	P-333-DW-04A	6/20/2017	2.3
		P-333-DW-04B	6/20/2017	NA
Kitchen/Food Prep Sink	Kitchen	P-333-KS-05A	6/20/2017	6.6
		P-333-KS-05B	6/20/2017	NA
Kitchen/Food Prep Sink	Kitchen	P-333-KS-06A	6/20/2017	61
		P-333-KS-06B	6/20/2017	11.2
Kitchen/Food Prep Sink	Kitchen	P-333-KS-07A	6/20/2017	10
		P-333-KS-07B	6/20/2017	NA
Kitchen/Food Prep Sink	Kitchen	P-333-KS-08A	6/20/2017	4.9
		P-333-KS-08B	6/20/2017	NA
Kitchen/Food Prep Sink	Kitchen	P-333-KS-09A	6/20/2017	1.3 (J)
		P-333-KS-09B	6/20/2017	NA
Kitchen/Food Prep Sink	Apartment	P-333-KS-11A	6/20/2017	1.9 (J)
		P-333-KS-11B	6/20/2017	NA
Kitchen/Food Prep Sink	Room D6	P-333-KS-12A	6/20/2017	8.4
		P-333-KS-12B	6/20/2017	NA
Kitchen/Food Prep Sink	Room D5	P-333-KS-13A	6/20/2017	7.3
		P-333-KS-13B	6/20/2017	NA
Kitchen/Food Prep Sink	Room D4	P-333-KS-14A	6/20/2017	161
		P-333-KS-14B	6/20/2017	8.1
Kitchen/Food Prep Sink	Room D3	P-333-KS-15A	6/20/2017	4.8
		P-333-KS-15B	6/20/2017	NA
Kitchen/Food Prep Sink	Room D2	P-333-KS-16A	6/20/2017	9.3
		P-333-KS-16B	6/20/2017	NA
Kitchen/Food Prep Sink	Room D1	P-333-KS-17A	6/20/2017	2.9
		P-333-KS-17B	6/20/2017	NA
Kitchen/Food Prep Sink	Room C5	P-333-KS-18A	6/20/2017	39.9
		P-333-KS-18B	6/20/2017	6.8
Kitchen/Food Prep Sink	Room C4	P-333-KS-19A	6/20/2017	7.4
		P-333-KS-19B	6/20/2017	NA
Kitchen/Food Prep Sink	Room C-3	P-333-KS-34A	2/16/2018	146
		P-333-KS-34B	2/16/2018	2.5
Kitchen/Food Prep Sink	Room C2	P-333-KS-20A	6/20/2017	20.4
		P-333-KS-20B	6/20/2017	3.6
Kitchen/Food Prep Sink	Room C1	P-333-KS-21A	6/20/2017	7.2
		P-333-KS-21B	6/20/2017	NA
Kitchen/Food Prep Sink	Room B4	P-333-KS-22A	6/20/2017	3.7
		P-333-KS-22B	6/20/2017	NA
Kitchen/Food Prep Sink	Room B3	P-333-KS-23A	6/20/2017	4.2
		P-333-KS-23B	6/20/2017	NA
Kitchen/Food Prep Sink	Room B2	P-333-KS-24A	6/20/2017	2.9
		P-333-KS-24B	6/20/2017	NA
Kitchen/Food Prep Sink	Room B1	P-333-KS-25A	6/20/2017	31.8
		P-333-KS-25B	6/20/2017	2.9
Kitchen/Food Prep Sink	Physical Therapy Room - between A cluster & B cluster	P-333-KS-26A	6/20/2017	4.7
		P-333-KS-26B	6/20/2017	NA
Kitchen/Food Prep Sink	Room A-4	P-333-KS-35A	2/16/2018	12.1
		P-333-KS-35B	2/16/2018	NA

TABLE 2
Laboratory Results
Bleshman
333 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Kitchen/Food Prep Sink	Room A3	P-333-KS-27A	6/20/2017	2.8
		P-333-KS-27B	6/20/2017	NA
Kitchen/Food Prep Sink	Room A2	P-333-KS-28A	6/20/2017	2
		P-333-KS-28B	6/20/2017	NA
Kitchen/Food Prep Sink	Room A1	P-333-KS-29A	6/20/2017	5.6
		P-333-KS-29B	6/20/2017	NA
Kitchen/Food Prep Sink	OTI	P-333-KS-30A	6/20/2017	6.6
		P-333-KS-30B	6/20/2017	NA
Kitchen/Food Prep Sink	Speech Room 3	P-333-KS-31A	6/20/2017	22.5
		P-333-KS-31B	6/20/2017	2.5
Kitchen/Food Prep Sink	Speech Room 2	P-333-KS-32A	6/20/2017	50.3
		P-333-KS-32B	6/20/2017	5.8
Kitchen/Food Prep Sink	Speech Room 1	P-333-KS-33A	6/20/2017	7.4
		P-333-KS-33B	6/20/2017	NA
Nurses Sink	In small room in nurse's office	P-333-NS-02A	6/20/2017	0.77 (J)
		P-333-NS-02B	6/20/2017	NA
Nurses Sink	In the back of the nurse's office	P-333-NS-03A	6/20/2017	0.36 (J)
		P-333-NS-03B	6/20/2017	NA
Ice Machine	Kitchen	P-333-IM-10A	6/20/2017	<0.16

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 3
Laboratory Results
Montesano
355 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Drinking Fountain	Next to reception desk	P-355-DW-2A	6/20/2017	4.3
		P-355-DW-2B	6/20/2017	NA
Drinking Fountain	Hallway on West End of Building	P-355-DW-6A	6/20/2017	1.2 (J)
		P-355-DW-6B	6/20/2017	NA
Drinking Fountain	Between Rooms 409 and 410	P-355-DW-8A	6/20/2017	3
		P-355-DW-8B	6/20/2017	NA
Drinking Fountain	Room 523 - Nurse's Office	P-355-DW-11A	6/20/2017	7.3
		P-355-DW-11B	6/20/2017	NA
Drinking Fountain	Between Rooms 511 and 512	P-355-DW-13A	6/20/2017	2.5
		P-355-DW-13B	6/20/2017	NA
Drinking Fountain	Between Rooms 511 and 512	P-355-DW-14A	6/20/2017	0.98 (J)
		P-355-DW-14B	6/20/2017	NA
Drinking Fountain	Between Room 618 and student bathroom	P-355-DW-15A	6/20/2017	0.78 (J)
		P-355-DW-15B	6/20/2017	NA
Water Cooler	Hallway on West End of Building	P-355-WC-5A	6/20/2017	0.94 (J)
		P-355-WC-5B	6/20/2017	NA
Water Cooler	Between Rooms 409 and 410	P-355-WC-9A	6/20/2017	0.94 (J)
		P-355-WC-9B	6/20/2017	NA
Water Cooler	Between Room 618 and student bathroom	P-355-WC-16A	6/20/2017	0.67 (J)
		P-355-WC-16B	6/20/2017	NA
Kitchen/Food Prep Sink	Room 206 Storage	P-355-KS-3A	6/20/2017	<0.16
		P-355-KS-3B	6/20/2017	NA
Kitchen/Food Prep Sink	No room number	P-355-KS-4A	6/20/2017	1.3 (J)
		P-355-KS-4B	6/20/2017	NA
Nurses Sink	Room 523 - Nurse's Office	P-355-NS-10A	6/20/2017	2.4
		P-355-NS-10B	6/20/2017	NA
Teacher's Lounge Sink	Room 306A Career Ed Room/Office	P-355-TL-7A	6/20/2017	2.2
		P-355-TL-7B	6/20/2017	NA
Teacher's Lounge Sink	Room 522 Faculty Room	P-355-TL-12A	6/20/2017	0.69 (J)
		P-355-TL-12B	6/20/2017	NA
Ice Machine	Room 305 Custodial Room	P-355-IM-1A	6/20/2017	<0.16

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 4
Laboratory Results
Solar House/Career Crossroads
327 E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results ($\mu\text{g/l}$)
Drinking Fountain	Near bathroom 103	P-327-DW-4A	6/20/2017	0.33 (J)
		P-327-DW-4B	6/20/2017	NA
Kitchen/Food Prep Sink	Kitchen Area - 104	P-327-KS-1A	6/20/2017	0.79 (J)
		P-327-KS-1B	6/20/2017	NA
Kitchen/Food Prep Sink	Kitchen Area - 104	P-327-KS-2A	6/20/2017	5.8
		P-327-KS-2B	6/20/2017	NA
Ice Machine	Kitchen Area -104	IM-327-IM-3A	6/20/2017	<0.16
NOTES:				
"A" identifier designates a First Draw sample.				
"B" identifier designates a Flush sample.				
J = estimated value less than reporting limit but greater than method detection limit.				
NA = not analyzed for in this sample.				

TABLE 5
Laboratory Results
Springboard House
321. E. Ridgewood Avenue, Paramus

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Kitchen/Food Prep Sink	Kitchen	P-321-KS-1A	6/20/2017	2.7
		P-321-KS-1B	6/20/2017	NA

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 6
Laboratory Results
Union Street Building
334 Union Street, Hackensack

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results ($\mu\text{g/l}$)	
Drinking Fountain	Adjacent to Nurse's Room 19	H-334-DW-02A	6/23/2017	0.20 (J)	
		H-334-DW-02B	6/23/2017	NA	
Drinking Fountain	Adjacent to Nurse's Room 19	H-334-DW-03A	6/23/2017	0.33 (J)	
		H-334-DW-03B	6/23/2017	NA	
Drinking Fountain	Adjacent to Nurse's Room 19	H-334-DW-04A	6/23/2017	0.82 (J)	
		H-334-DW-04B	6/23/2017	NA	
Kitchen/Food Prep Sink	Kitchen	H-334-KS-05A	6/23/2017	1.2	
		H-334-KS-05B	6/23/2017	NA	
Nurses Sink	Nurse's Office Room 19	H-334-NS-01A	6/23/2017	1.9	
		H-334-NS-01B	6/23/2017	NA	
NOTES:					
"A" identifier designates a First Draw sample.					
"B" identifier designates a Flush sample.					
J = estimated value less than reporting limit but greater than method detection limit.					
NA = not analyzed for in this sample.					

TABLE 7
Laboratory Results
Gateway
293 Main Street, Hackensack

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Drinking Fountain	1st Floor - Adjacent to Room 108	H-293-DW-01A	6/23/2017	0.47 (J)
		H-293-DW-01B	6/23/2017	NA
Drinking Fountain	1st Floor - Adjacent to Elevator	H-293-DW-03A	6/23/2017	1.0
		H-293-DW-03B	6/23/2017	NA
Drinking Fountain	2nd Floor - Adjacent to Room 201B	H-293-DW-04A	6/23/2017	<0.17
		H-293-DW-04B	6/23/2017	NA
Kitchen/Food Prep Sink	2nd Floor - Kitchen Room 201A	H-293-KS-05A	6/23/2017	25.5
		H-293-KS-05B	6/23/2017	2
Kitchen/Food Prep Sink	2nd Floor - Kitchen Room 201A	H-293-KS-06A	6/23/2017	99.2
		H-293-KS-06B	6/23/2017	3.6
Ice Machine	Refrigerator in Main Office	H-293-IM-07A	2/16/2018	0.89
Ice Machine	Refrigerator in Room 201B	H-293-IM-08A	2/16/2018	0.22
Nurses Sink	1st Floor - Room 109-111	H-293-NS-02A	6/23/2017	2.3
		H-293-NS-02B	6/23/2017	NA

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 8
Laboratory Results
Woodridge
304 Valley Boulevard, Woodridge

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Drinking Fountain	Outside Room 118	W-304-DW-04A	6/27/2017	<0.16
		W-304-DW-04B	6/27/2017	NA
Drinking Fountain	Outside Room 118	W-304-DW-05A	6/27/2017	<0.16
		W-304-DW-05B	6/27/2017	NA
Drinking Fountain	Next to tech office Room 205	W-304-DW-07A	6/27/2017	<0.16
		W-304-DW-07B	6/27/2017	NA
Drinking Fountain	Next to tech office Room 205	W-304-DW-08A	6/27/2017	<0.16
		W-304-DW-08B	6/27/2017	NA
Coffee Machine	Room 201	W-304-CM-11A	2/16/2018	71.8
		W-304-CM-11B	2/16/2018	3.1
Kitchen/Food Prep Sink	Kitchen Room 118	W-304-KS-02A	6/27/2017	4.0
		W-304-KS-02B	6/27/2017	NA
Kitchen/Food Prep Sink	Kitchen Room 118	W-304-KS-03A	6/27/2017	7.7
		W-304-KS-03B	6/27/2017	NA
Kitchen/Food Prep Sink	Room 201	W-304-KS-06A	6/27/2017	2.9
		W-304-KS-06B	6/27/2017	NA
Nurses Sink	Nurse's Office Room 122	W-304-NS-01A	6/27/2017	2.8
		W-304-NS-01B	6/27/2017	NA
Nurses Sink	Tech Coord Room 206	W-304-NS-09A	6/27/2017	6.9
		W-304-NS-09B	6/27/2017	NA
Teacher's Lounge Sink	Lounge	W-304-TL-10A	6/27/2017	3.4
		W-304-TL-10B	6/27/2017	NA

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 9
Laboratory Results
Garfield House
27 Lincoln Place, Garfield

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Kitchen/Food Prep Sink	Kitchen	G-27-KS-01A	6/23/2017	6.0
		G-27-KS-01B	6/23/2017	NA

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

J = estimated value less than reporting limit but greater than method detection limit.

NA = not analyzed for in this sample.

TABLE 10
Laboratory Results
Brownstone
492 Saddle River Road, Saddle Brook

Sample Point	Sample Location Description	Sample ID	Sample Date	Laboratory Results (µg/l)
Drinking Fountain	Auditorium/ Gymnasium	S-492-DW-01A	6/23/2017	0.50 (J)
		S-492-DW-01B	6/23/2017	NA
Drinking Fountain	Adjacent to Room 105 Nurse's Office	S-492-DW-04A	6/23/2017	<0.17
		S-492-DW-04B	6/23/2017	NA
Drinking Fountain	Adjacent to Room 103	S-492-DW-07A	6/23/2017	2.3
		S-492-DW-07B	6/23/2017	NA
Kitchen/Food Prep Sink	Kitchen	S-492-KS-03A	6/23/2017	2.0
		S-492-KS-03B	6/23/2017	NA
Nurses Sink	Nurse's Office	S-492-NS-05A	6/23/2017	1.3
		S-492-NS-05B	6/23/2017	NA
Teacher's Lounge Sink	Teacher's Room	S-492-TL-06A	6/23/2017	0.57 (J)
		S-492-TL-06B	6/23/2017	NA
Ice Machine	Adjacent to Kitchen	S-492-IM-02A	6/23/2017	<0.17
NOTES:				
"A" identifier designates a First Draw sample.				
"B" identifier designates a Flush sample.				
J = estimated value less than reporting limit but greater than method detection limit.				
NA = not analyzed for in this sample.				

Table 11
Special Services School District
Long-Term Response Decision Matrix

Kitchen Sink & Coffee Machine			
Fail First Draw Sample/Pass Flush Sample	Option 1	Replace fixture, supply line & shut-off valves *	
	Option 2	Install Filter **	
	Option 3	Institute flushing program	
	Option 4	Remove Fixture/Location from Service - do not replace	

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

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



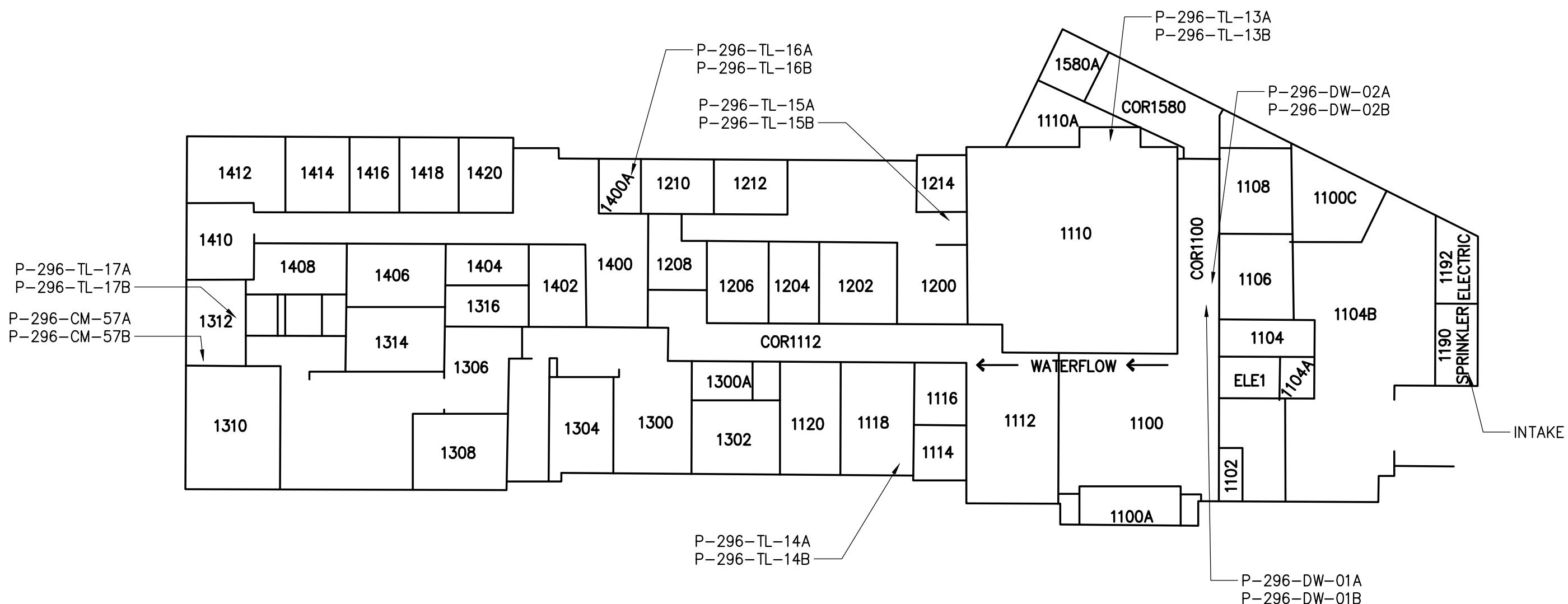
APPENDIX A

SAMPLE LOCATION PLANS

PARAMUS CAMPUS
 NEW BUILDING – 1ST FLOOR
 BUILDING A – ADMINISTRATION

LEGEND:

[Empty Box]	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER
CM	COFFEE MACHINE



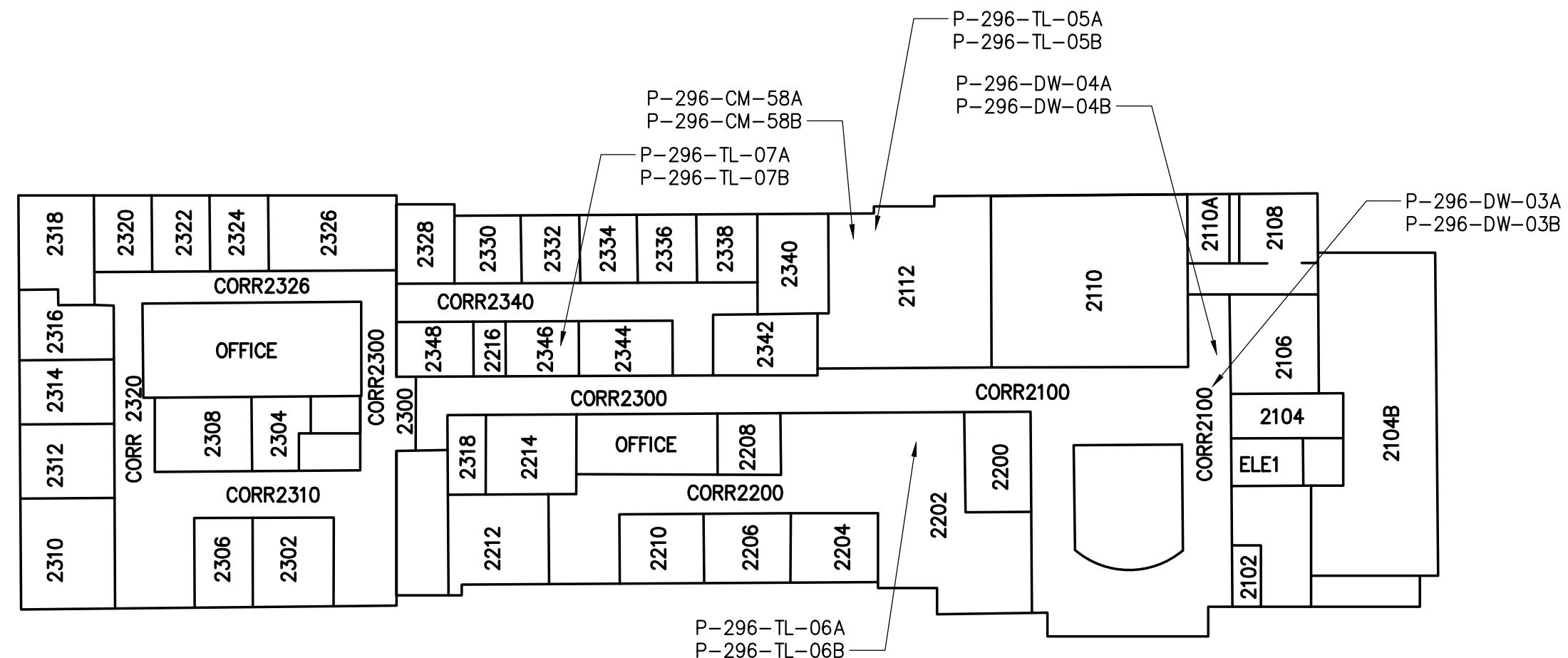
DRAWING NOT TO SCALE

PARAMUS CAMPUS
 NEW BUILDING – 2ND FLOOR
 BUILDING A – ADMINISTRATION

LEGEND:

□ KS
 IM
 NS
 EC
 TL
 DW
 WC
 CM

SAMPLE ABOVE LEAD LIMIT
 KITCHEN SINK
 ICE MACHINE
 NURSE'S SINK
 HOME ECONOMICS SINK
 TEACHER'S LOUNGE
 DRINKING FOUNTAIN
 WATER COOLER
 COFFEE MACHINE



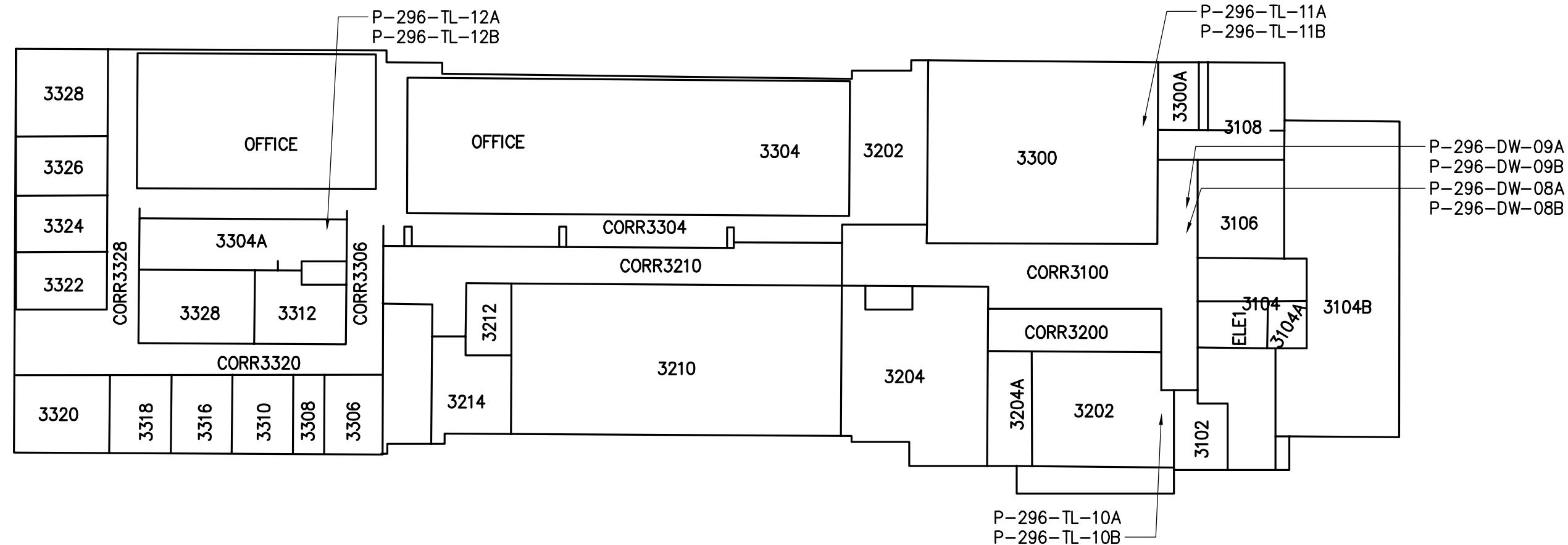
DRAWING NOT TO SCALE

PARAMUS CAMPUS
 NEW BUILDING – 3RD FLOOR
 BUILDING A – ADMINISTRATION

LEGEND:

[] KS
 IM
 NS
 EC
 TL
 DW
 WC

SAMPLE ABOVE LEAD LIMIT
 KITCHEN SINK
 ICE MACHINE
 NURSE'S SINK
 HOME ECONOMICS SINK
 TEACHER'S LOUNGE
 DRINKING FOUNTAIN
 WATER COOLER



DRAWING NOT TO SCALE

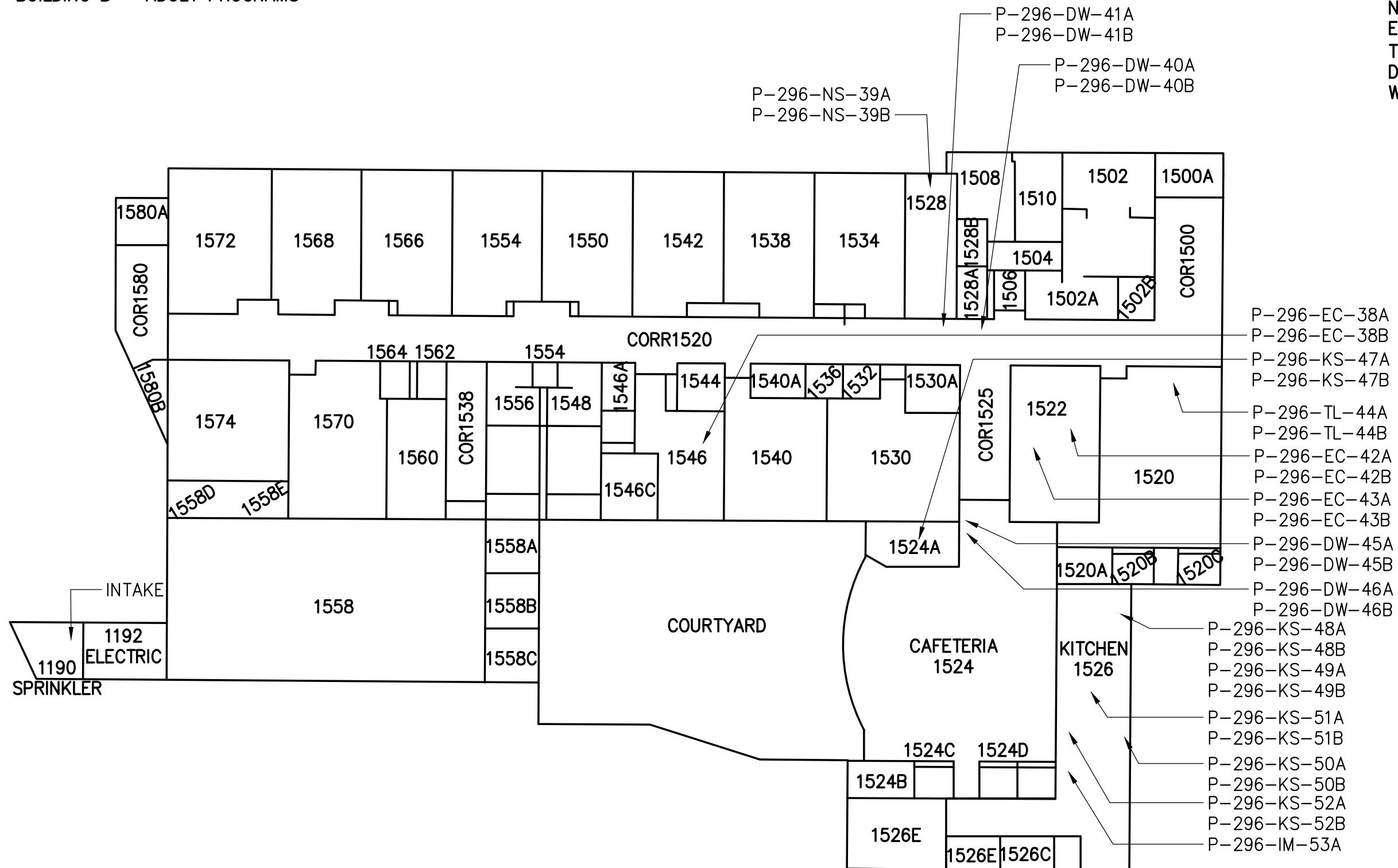
PARAMUS CAMPUS

NEW BUILDING – 1ST FLOOR

BUILDING B – ADULT PROGRAMS

LEGEND:

	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER



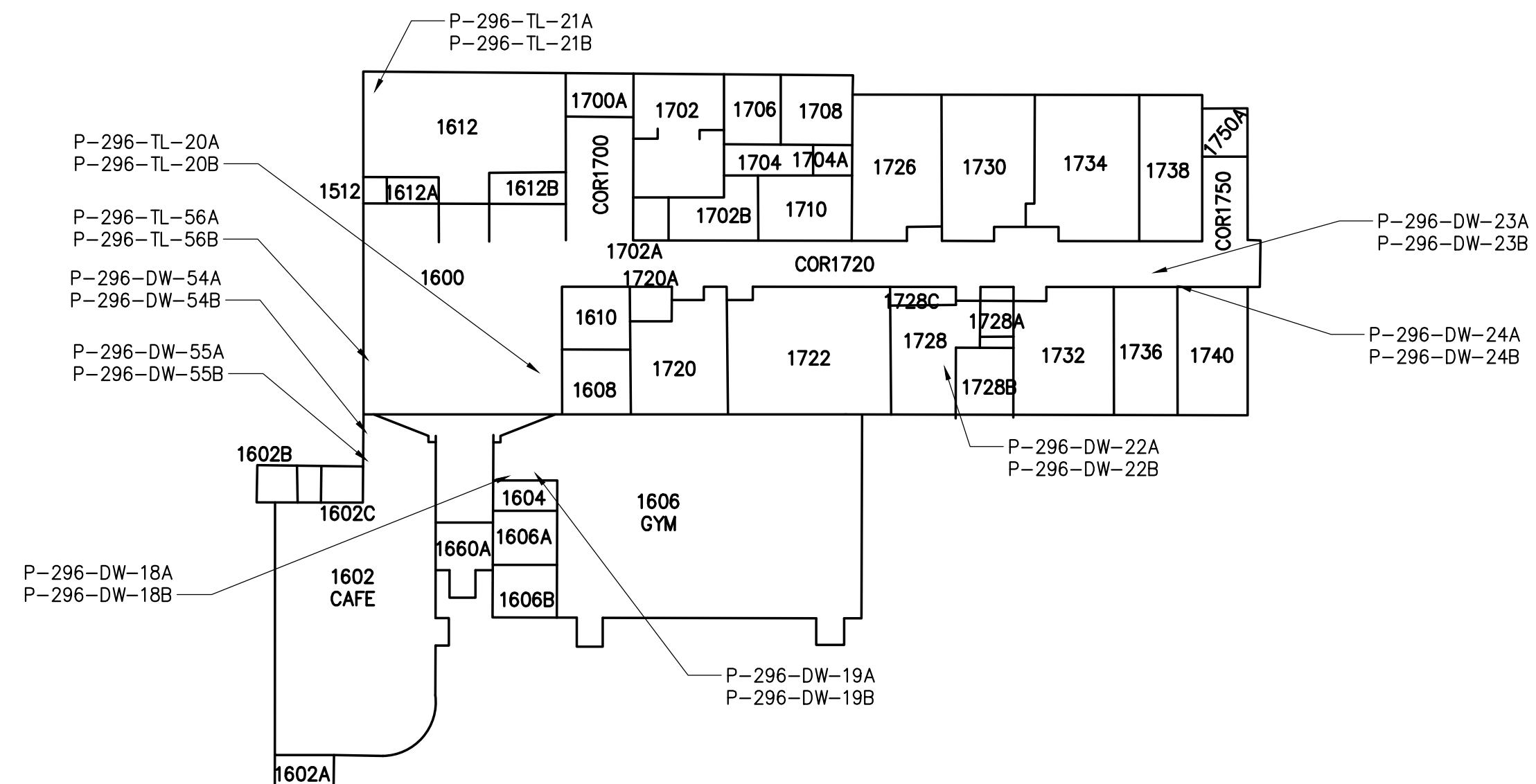
DRAWING NOT TO SCALE

PARAMUS CAMPUS
 NEW BUILDING – 2ND FLOOR
 BUILDING B (EAST) – WASHINGTON EAST BRIDGES

LEGEND:

□ KS
 IM
 NS
 EC
 TL
 DW
 WC

SAMPLE ABOVE LEAD LIMIT
 KITCHEN SINK
 ICE MACHINE
 NURSE'S SINK
 HOME ECONOMICS SINK
 TEACHER'S LOUNGE
 DRINKING FOUNTAIN
 WATER COOLER

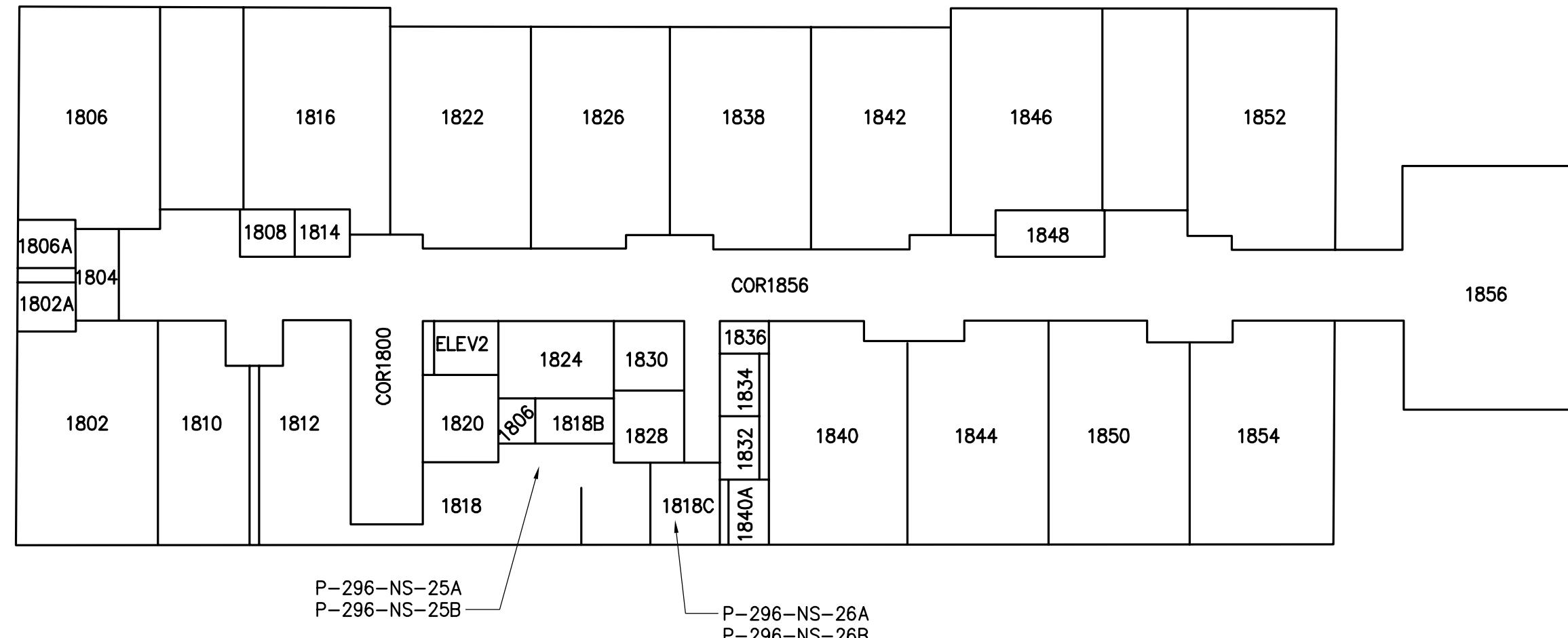


DRAWING NOT TO SCALE

PARAMUS CAMPUS
 NEW BUILDING – 1ST FLOOR
 BUILDING C – ADMINISTRATION

LEGEND:

<input type="checkbox"/>	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER



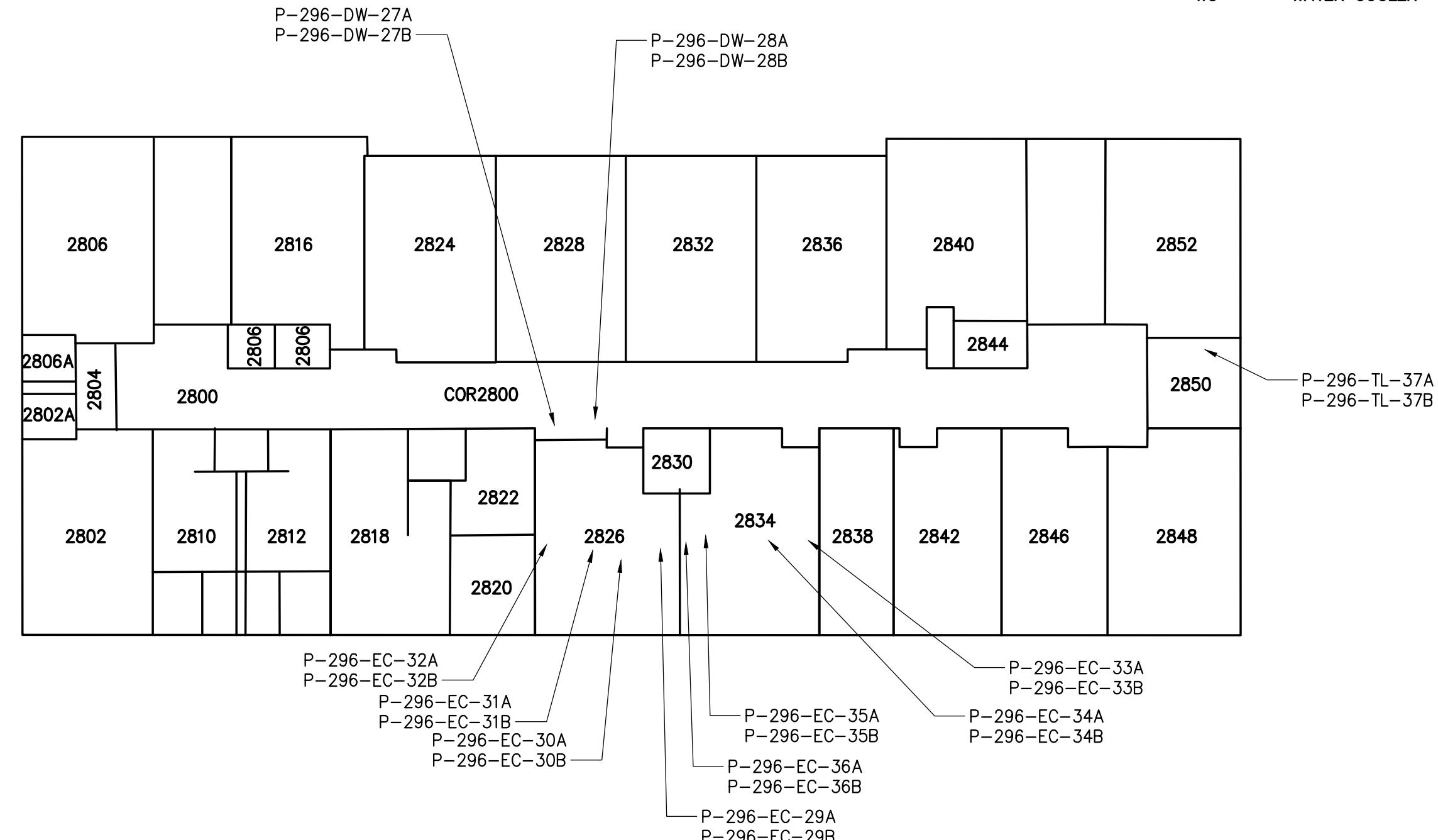
DRAWING NOT TO SCALE

PARAMUS CAMPUS
 NEW BUILDING – 2ND FLOOR
 BUILDING C – WASHINGTON MIDDLE SCHOOL

LEGEND:

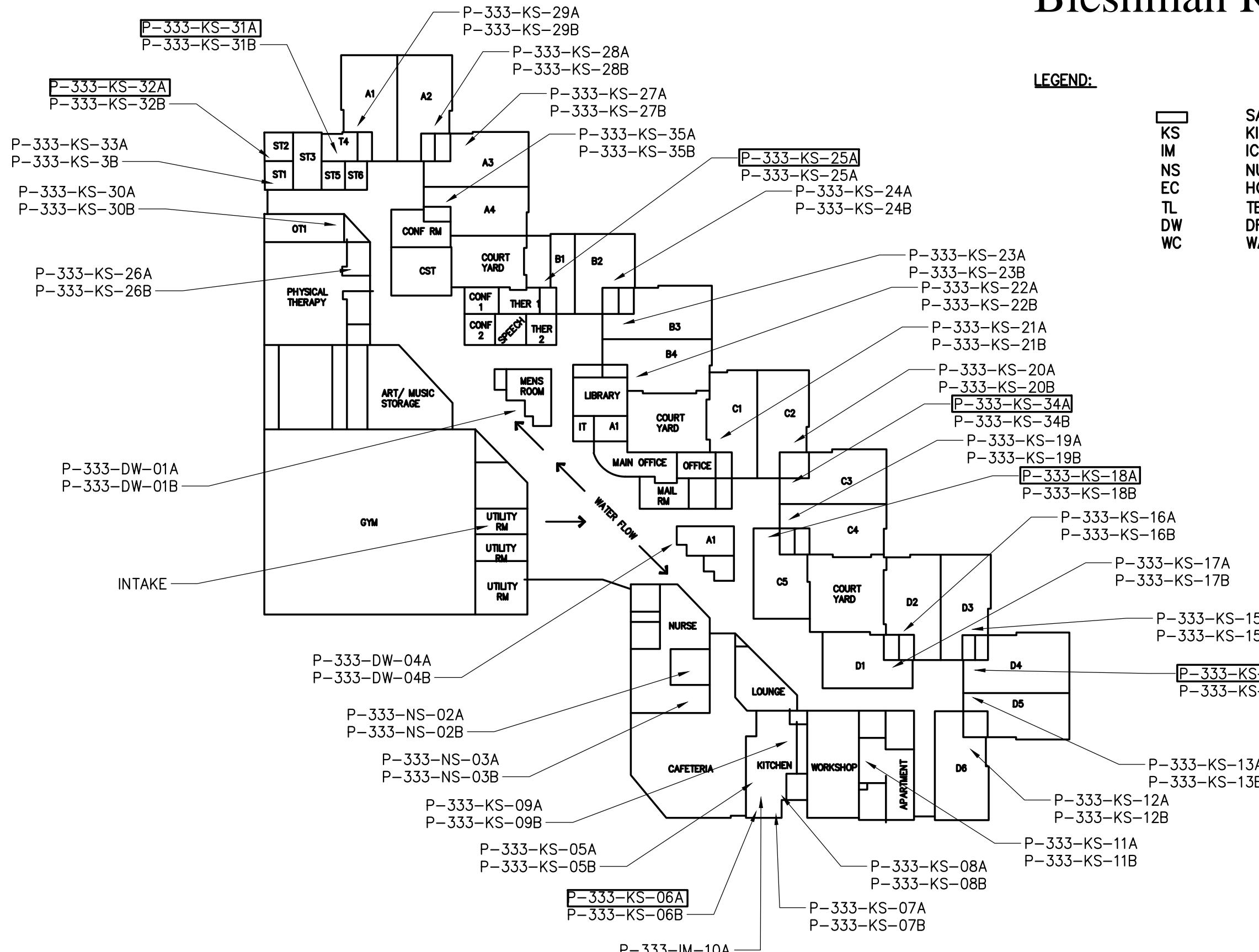
[] KS
 IM
 NS
 EC
 TL
 DW
 WC

SAMPLE ABOVE LEAD LIMIT
 KITCHEN SINK
 ICE MACHINE
 NURSE'S SINK
 HOME ECONOMICS SINK
 TEACHER'S LOUNGE
 DRINKING FOUNTAIN
 WATER COOLER



DRAWING NOT TO SCALE

Bleshman Regional



LEGEND:

KS
IM
NS
EC
TL
DW
WC

SAMPLE ABOVE LEAD LIMIT
KITCHEN SINK
ICE MACHINE
NURSE'S SINK
HOME ECONOMICS SINK
TEACHER'S LOUNGE
DRINKING FOUNTAIN
WATER COOLER

DRAWING NOT TO SCALE

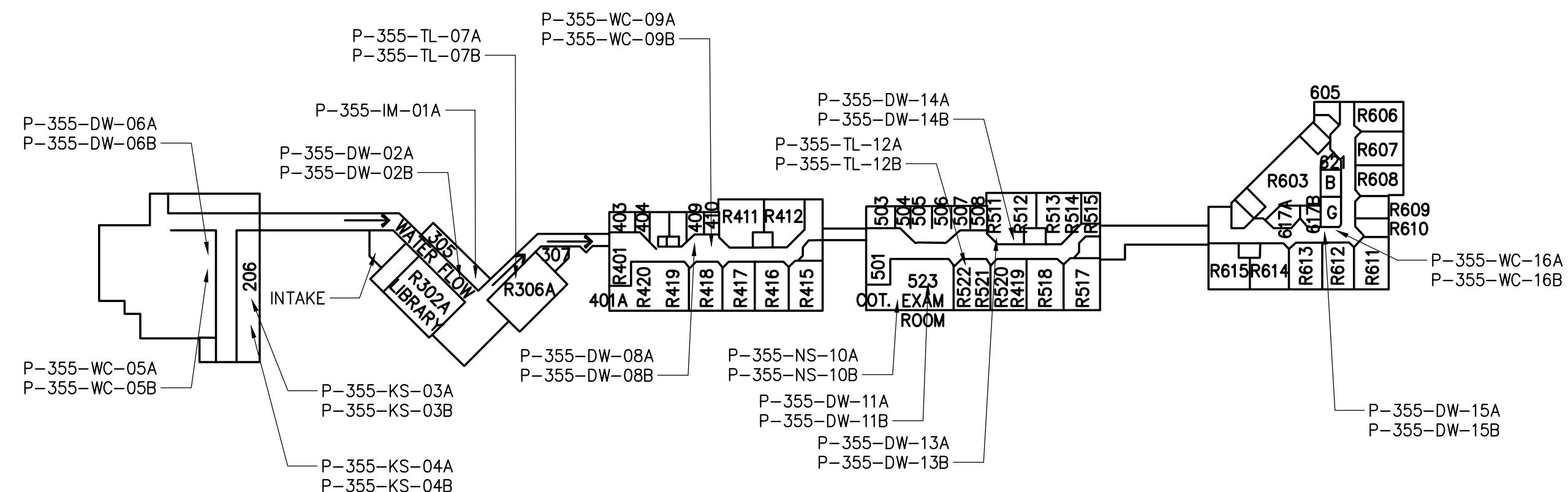
PARAMUS CAMPUS

MONTESANO

LEGEND:

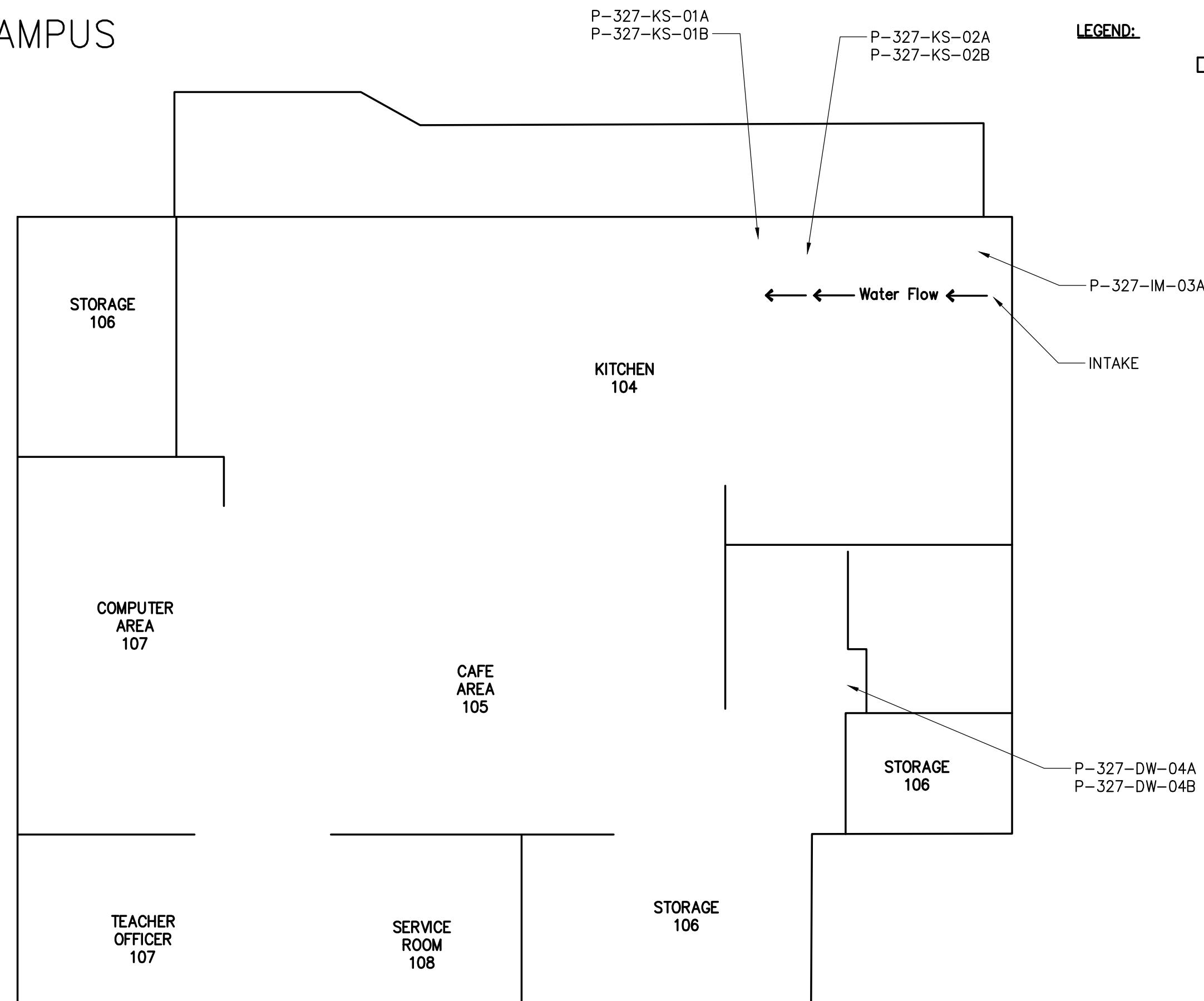
[] KS
IM
NS
EC
TL
DW
WC

SAMPLE ABOVE LEAD LIMIT
KITCHEN SINK
ICE MACHINE
NURSE'S SINK
HOME ECONOMICS SINK
TEACHER'S LOUNGE
DRINKING FOUNTAIN
WATER COOLER



DRAWING NOT TO SCALE

PARAMUS CAMPUS SOLAR HOUSE



LEGEND:

[Empty Box]	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER

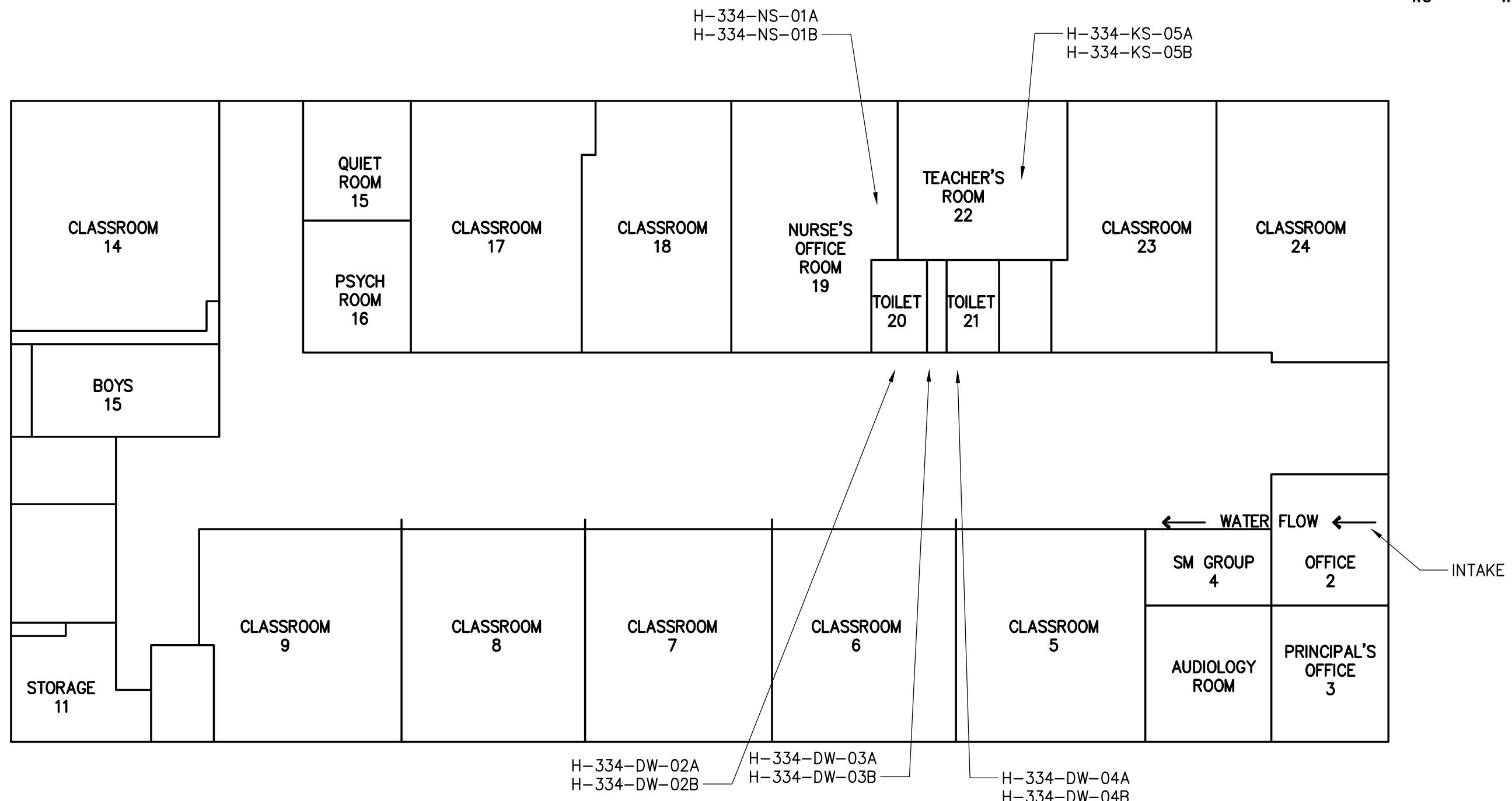
DRAWING NOT TO SCALE

HIP ST HACKENSACK

UNION STREET CAMPUS

LEGEND:

<input type="checkbox"/>	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER



DRAWING NOT TO SCALE

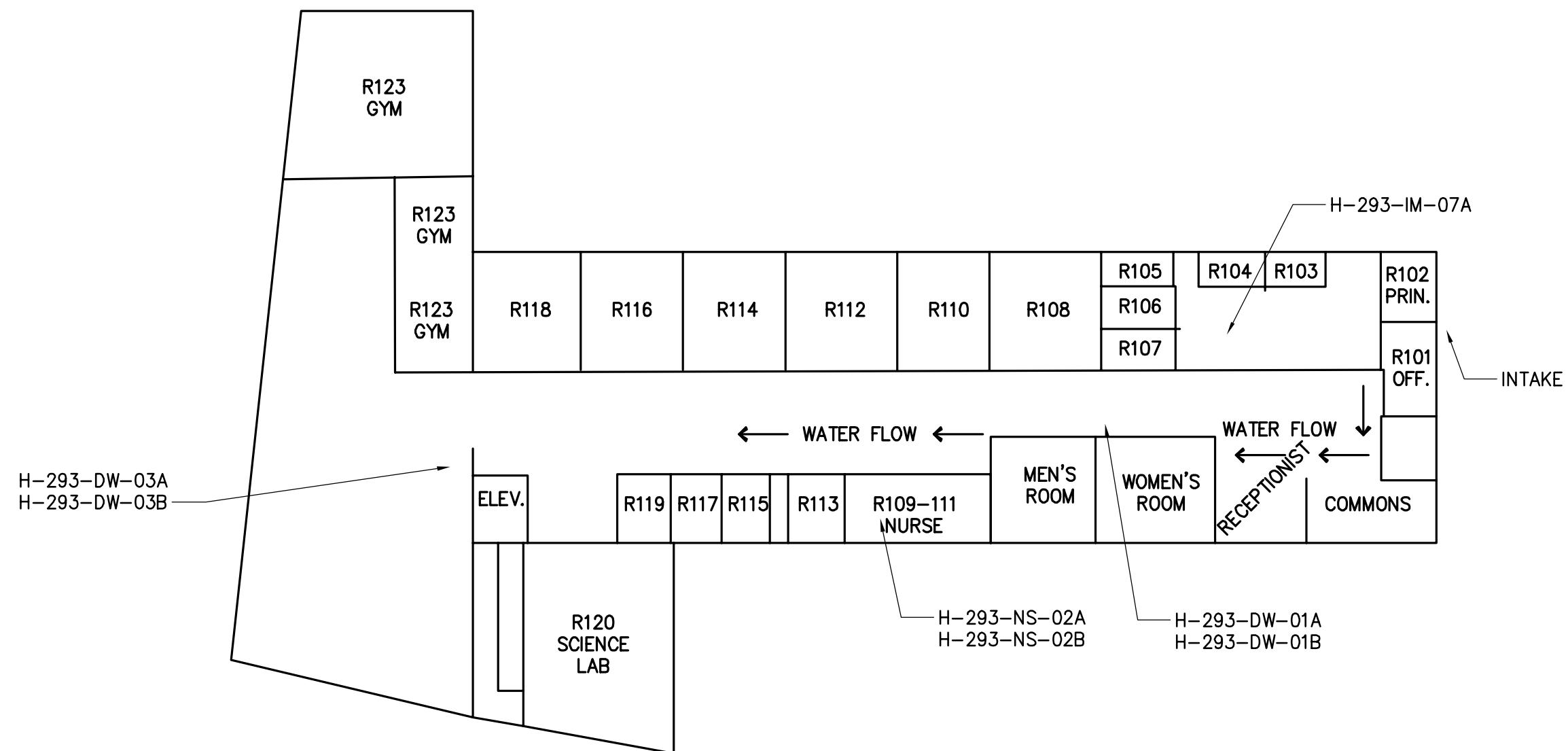
GATEWAY CAMPUS

1ST FLOOR

CREATED BY TOSSELLO 4/15/05
MODIFIED BY T. TOSI 6/24/12

LEGEND:

<input type="checkbox"/>	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER

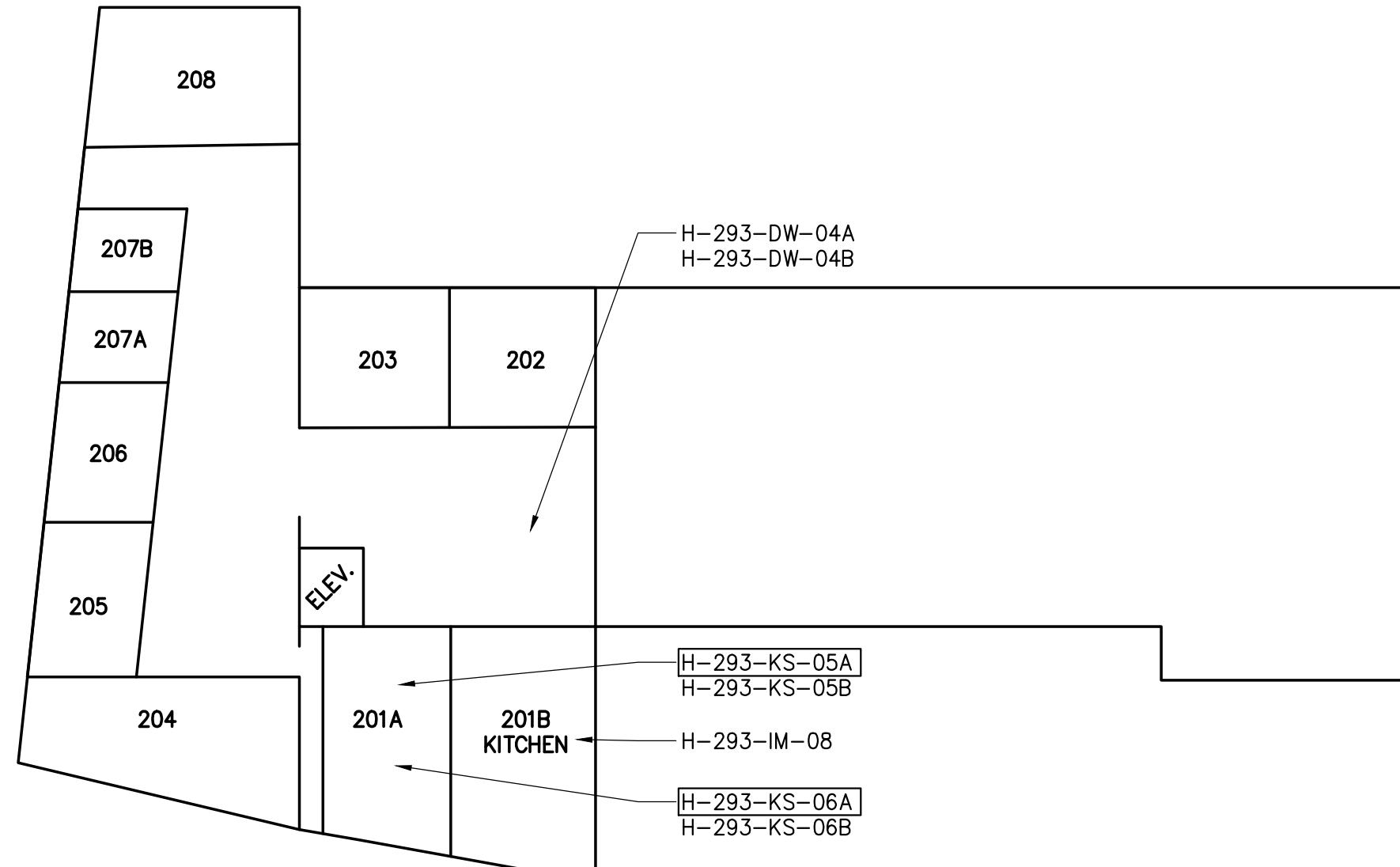


GATEWAY CAMPUS

2ND FLOOR

LEGEND:

<input type="checkbox"/>	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS SINK
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN
WC	WATER COOLER

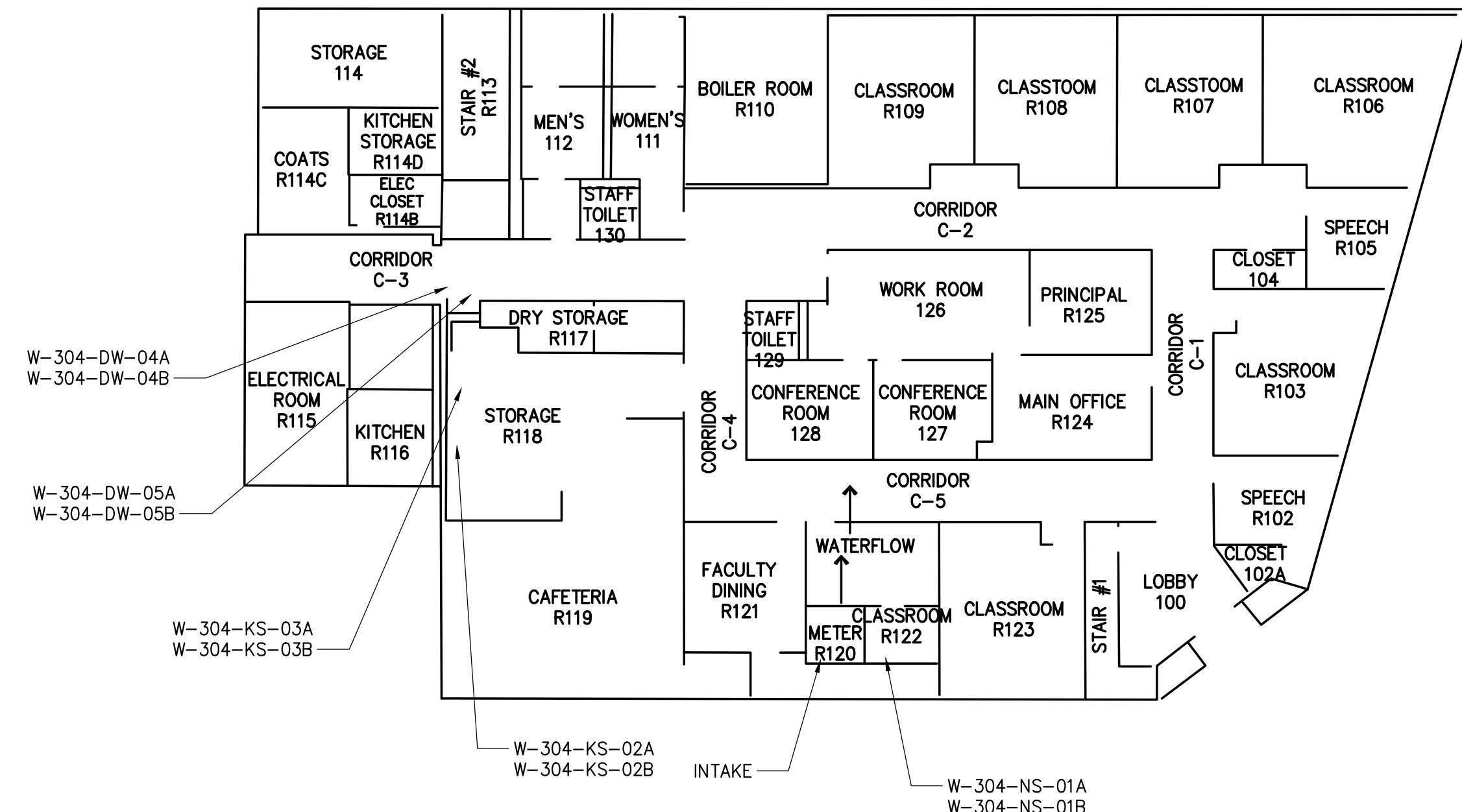


WOODRIDGE CAMPUS

1ST FLOOR

LEGEND:

	SAMPLE ABOVE LEAD LIMIT
	KITCHEN SINK
	ICE MACHINE
	NURSE'S SINK
	HOME ECONOMICS SINK
	TEACHER'S LOUNGE
	DRINKING FOUNTAIN
	WATER COOLER
	DRINKING FOUNTAIN
	COFFEE MACHINE



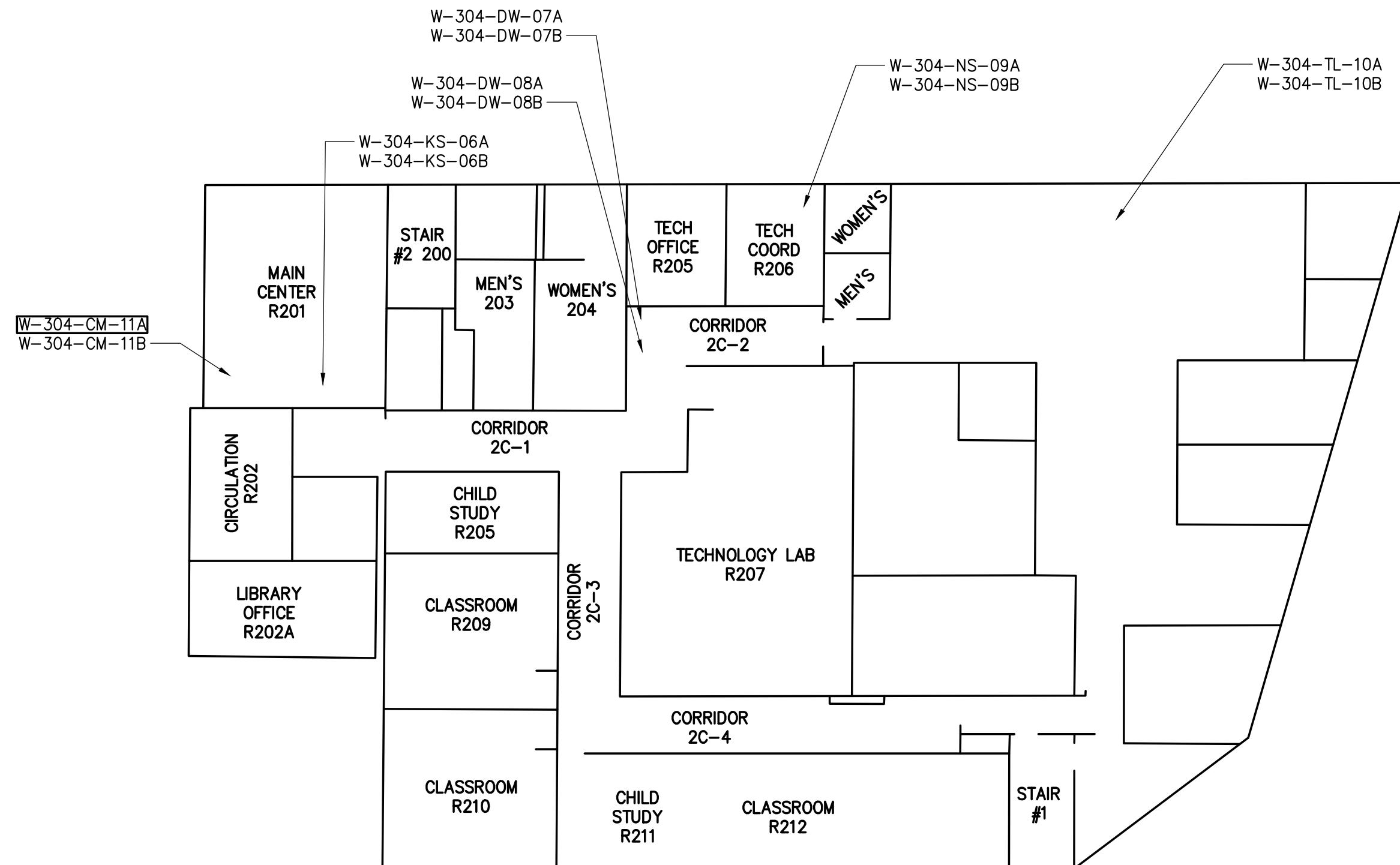
DRAWING NOT TO SCALE

WOODRIDGE CAMPUS

2ND FLOOR

LEGEND:

<input type="checkbox"/>	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
NS	NURSE'S SINK
CM	COFFEE MACHINE
TL	TEACHER'S LOUNGE
DW	DRINKING FOUNTAIN

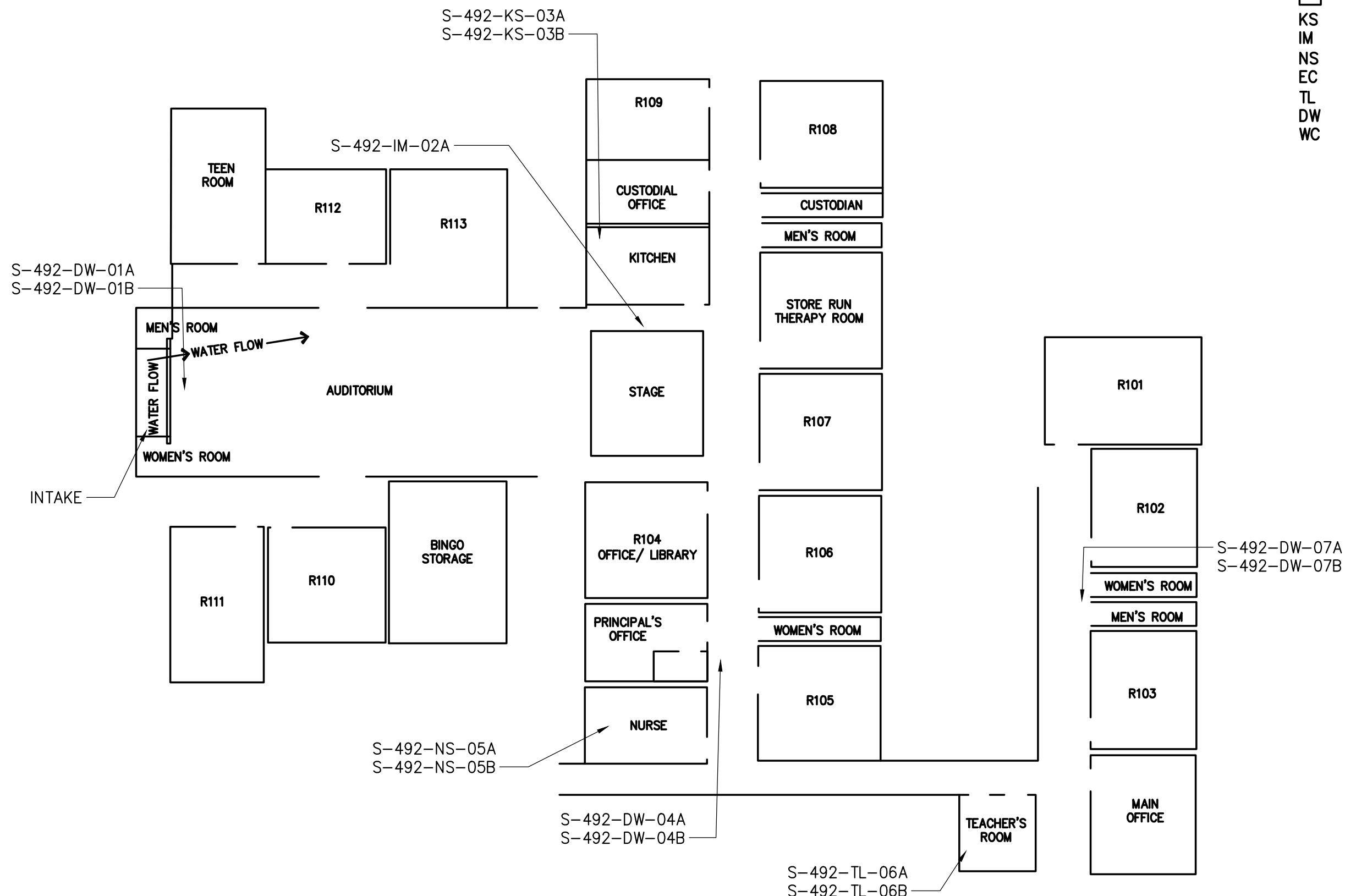


DRAWING NOT TO SCALE

ST. PHILIPS/BROWNSTONE

LEGEND:

<input type="checkbox"/>	SAMPLE ABOVE LEAD LIMIT
KS	KITCHEN SINK
IM	ICE MACHINE
NS	NURSE'S SINK
EC	HOME ECONOMICS
TL	TEACHER'S LOUNGE
DW	DRINKING WATER
WC	WATER COOLER



DRAWING NOT TO SCALE



APPENDIX B

LABORATORY REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-135907-1

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

6/29/2017 3:44:17 PM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

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results through

TotalAccess

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Ask
The
Expert

Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

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.
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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Job ID: 460-135907-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative 460-135907-1

Receipt

The samples were received on 6/22/2017 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.1° C and 2.4° 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 Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-DW-01A

Lab Sample ID: 460-135907-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.28	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW-02A

Lab Sample ID: 460-135907-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.19	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW-03A

Lab Sample ID: 460-135907-5

No Detections.

Client Sample ID: P-296-DW-04A

Lab Sample ID: 460-135907-7

No Detections.

Client Sample ID: P-296-TL-05A

Lab Sample ID: 460-135907-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.36	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-06A

Lab Sample ID: 460-135907-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.36	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-07A

Lab Sample ID: 460-135907-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.21	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW-08A

Lab Sample ID: 460-135907-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.29	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW-09A

Lab Sample ID: 460-135907-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.21	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-10A

Lab Sample ID: 460-135907-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.7	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-11A

Lab Sample ID: 460-135907-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.77	J	2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-TL-12A

Lab Sample ID: 460-135907-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.18	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-13A

Lab Sample ID: 460-135907-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.5		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-14A

Lab Sample ID: 460-135907-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.71	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-15A

Lab Sample ID: 460-135907-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.44	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-16A

Lab Sample ID: 460-135907-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.37	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-17A

Lab Sample ID: 460-135907-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.43	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW-18A

Lab Sample ID: 460-135907-35

No Detections.

Client Sample ID: P-296-DW-19A

Lab Sample ID: 460-135907-37

No Detections.

Client Sample ID: P-296-TL-20A

Lab Sample ID: 460-135907-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-21A

Lab Sample ID: 460-135907-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.62	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-EC-22A

Lab Sample ID: 460-135907-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.45	J	2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-DW-23A

Lab Sample ID: 460-135907-45

No Detections.

Client Sample ID: P-296-DW-24A

Lab Sample ID: 460-135907-47

No Detections.

Client Sample ID: P-296-NS-25A

Lab Sample ID: 460-135907-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.29	J	2.0	0.16	ug/L	1	-	200.8	Total/NA

Client Sample ID: P-296-NS-26A

Lab Sample ID: 460-135907-51

No Detections.

Client Sample ID: P-296-DW-27A

Lab Sample ID: 460-135907-53

No Detections.

Client Sample ID: P-296-DW-28A

Lab Sample ID: 460-135907-55

No Detections.

Client Sample ID: P-296-EC-29A

Lab Sample ID: 460-135907-57

No Detections.

Client Sample ID: P-296-EC-30A

Lab Sample ID: 460-135907-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.84	J	2.0	0.16	ug/L	1	-	200.8	Total/NA

Client Sample ID: P-296-EC-31A

Lab Sample ID: 460-135907-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.81	J	2.0	0.16	ug/L	1	-	200.8	Total/NA

Client Sample ID: P-296-EC-32A

Lab Sample ID: 460-135907-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.33	J	2.0	0.16	ug/L	1	-	200.8	Total/NA

Client Sample ID: P-296-EC-33A

Lab Sample ID: 460-135907-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.21	J	2.0	0.16	ug/L	1	-	200.8	Total/NA

Client Sample ID: P-296-EC-34A

Lab Sample ID: 460-135907-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.5	J	2.0	0.16	ug/L	1	-	200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-EC-35A

Lab Sample ID: 460-135907-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.4	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-EC-36A

Lab Sample ID: 460-135907-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.86	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-TL-37A

Lab Sample ID: 460-135907-73

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-DW-01A

Date Collected: 06/21/17 06:20
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.28	J	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:03	1

Client Sample ID: P-296-DW-02A

Date Collected: 06/21/17 06:22
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.19	J	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:09	1

Client Sample ID: P-296-DW-03A

Date Collected: 06/21/17 06:26
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:12	1

Client Sample ID: P-296-DW-04A

Date Collected: 06/21/17 06:29
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:14	1

Client Sample ID: P-296-TL-05A

Date Collected: 06/21/17 06:32
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.36	J	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:17	1

Client Sample ID: P-296-TL-06A

Date Collected: 06/21/17 06:36
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.36	J	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:28	1

Client Sample ID: P-296-TL-07A

Date Collected: 06/21/17 06:40
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.21	J	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 15:30	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-DW-08A

Date Collected: 06/21/17 06:44
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-15

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.29	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 15:33	1

Client Sample ID: P-296-DW-09A

Date Collected: 06/21/17 06:47
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-17

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.21	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 15:36	1

Client Sample ID: P-296-TL-10A

Date Collected: 06/21/17 06:50
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-19

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.7	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 15:39	1

Client Sample ID: P-296-TL-11A

Date Collected: 06/21/17 06:54
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-21

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.77	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 15:42	1

Client Sample ID: P-296-TL-12A

Date Collected: 06/21/17 06:58
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-23

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.18	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 15:48	1

Client Sample ID: P-296-TL-13A

Date Collected: 06/21/17 07:04
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-25

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.5		2.0	0.16	ug/L		06/26/17 13:55	06/27/17 11:56	1

Client Sample ID: P-296-TL-14A

Date Collected: 06/21/17 07:10
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-27

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.71	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 15:53	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-TL-15A

Date Collected: 06/21/17 07:13
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-29

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.44	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 16:02	1

Client Sample ID: P-296-TL-16A

Date Collected: 06/21/17 07:17
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-31

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.37	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 16:05	1

Client Sample ID: P-296-TL-17A

Date Collected: 06/21/17 07:21
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-33

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.43	J	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 16:08	1

Client Sample ID: P-296-DW-18A

Date Collected: 06/21/17 07:32
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-35

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 16:10	1

Client Sample ID: P-296-DW-19A

Date Collected: 06/21/17 07:34
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-37

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 13:55	06/26/17 16:13	1

Client Sample ID: P-296-TL-20A

Date Collected: 06/21/17 07:39
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-39

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.8		2.0	0.16	ug/L		06/26/17 13:57	06/26/17 16:16	1

Client Sample ID: P-296-TL-21A

Date Collected: 06/21/17 07:42
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-41

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.62	J	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 09:35	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-EC-22A

Lab Sample ID: 460-135907-43

Matrix: Water

Date Collected: 06/21/17 07:46
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.45	J	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 09:41	1

Client Sample ID: P-296-DW-23A

Lab Sample ID: 460-135907-45

Matrix: Water

Date Collected: 06/21/17 07:50
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 09:44	1

Client Sample ID: P-296-DW-24A

Lab Sample ID: 460-135907-47

Matrix: Water

Date Collected: 06/21/17 07:52
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 09:47	1

Client Sample ID: P-296-NS-25A

Lab Sample ID: 460-135907-49

Matrix: Water

Date Collected: 06/21/17 07:56
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.29	J	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 09:50	1

Client Sample ID: P-296-NS-26A

Lab Sample ID: 460-135907-51

Matrix: Water

Date Collected: 06/21/17 07:58
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 10:00	1

Client Sample ID: P-296-DW-27A

Lab Sample ID: 460-135907-53

Matrix: Water

Date Collected: 06/21/17 08:01
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 10:03	1

Client Sample ID: P-296-DW-28A

Lab Sample ID: 460-135907-55

Matrix: Water

Date Collected: 06/21/17 08:03
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 10:06	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-EC-29A

Lab Sample ID: 460-135907-57

Matrix: Water

Date Collected: 06/21/17 08:05
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:09	1

Client Sample ID: P-296-EC-30A

Lab Sample ID: 460-135907-59

Matrix: Water

Date Collected: 06/21/17 08:07
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.84	J	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:12	1

Client Sample ID: P-296-EC-31A

Lab Sample ID: 460-135907-61

Matrix: Water

Date Collected: 06/21/17 08:09
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.81	J	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:15	1

Client Sample ID: P-296-EC-32A

Lab Sample ID: 460-135907-63

Matrix: Water

Date Collected: 06/21/17 08:11
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.33	J	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:21	1

Client Sample ID: P-296-EC-33A

Lab Sample ID: 460-135907-65

Matrix: Water

Date Collected: 06/21/17 08:13
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.21	J	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:24	1

Client Sample ID: P-296-EC-34A

Lab Sample ID: 460-135907-67

Matrix: Water

Date Collected: 06/21/17 08:15
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.5	J	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:27	1

Client Sample ID: P-296-EC-35A

Lab Sample ID: 460-135907-69

Matrix: Water

Date Collected: 06/21/17 08:17
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.4	J	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 10:36	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-EC-36A

Date Collected: 06/21/17 08:19

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-71

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.86	J	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 10:39	1

Client Sample ID: P-296-TL-37A

Date Collected: 06/21/17 08:21

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-73

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:43	06/29/17 10:42	1

QC Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-445886/1-A

Matrix: Water

Analysis Batch: 445946

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445886

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/26/17 13:55	06/26/17 14:52	1

Lab Sample ID: LCS 460-445886/2-A

Matrix: Water

Analysis Batch: 445946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	5.00	5.18		ug/L	D	104	85 - 115

Lab Sample ID: 460-135907-1 MS

Matrix: Water

Analysis Batch: 445946

Client Sample ID: P-296-DW-01A

Prep Type: Total/NA

Prep Batch: 445886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	0.28	J	5.00	5.02		ug/L	D	95	70 - 130

Lab Sample ID: 460-135907-21 MS

Matrix: Water

Analysis Batch: 445946

Client Sample ID: P-296-TL-11A

Prep Type: Total/NA

Prep Batch: 445886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	0.77	J	5.00	5.59		ug/L	D	96	70 - 130

Lab Sample ID: 460-135907-1 DU

Matrix: Water

Analysis Batch: 445946

Client Sample ID: P-296-DW-01A

Prep Type: Total/NA

Prep Batch: 445886

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	0.28	J	0.270	J	ug/L	D	4	20

Lab Sample ID: MB 460-445894/1-A

Matrix: Water

Analysis Batch: 446664

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445894

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/26/17 14:43	06/29/17 09:23	1

Lab Sample ID: LCS 460-445894/2-A

Matrix: Water

Analysis Batch: 446664

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	5.00	5.52		ug/L	D	110	85 - 115

Lab Sample ID: 460-135907-41 MS

Matrix: Water

Analysis Batch: 446664

Client Sample ID: P-296-TL-21A

Prep Type: Total/NA

Prep Batch: 445894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	0.62	J	5.00	5.56		ug/L	D	99	70 - 130

TestAmerica Edison

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Lab Sample ID: 460-135907-61 MS

Matrix: Water

Analysis Batch: 446664

Client Sample ID: P-296-EC-31A

Prep Type: Total/NA

Prep Batch: 445894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.81	J	5.00	5.71		ug/L	98		70 - 130

Lab Sample ID: 460-135907-41 DU

Matrix: Water

Analysis Batch: 446664

Client Sample ID: P-296-TL-21A

Prep Type: Total/NA

Prep Batch: 445894

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	0.62	J	0.618	J	ug/L		0.2	20

Lab Sample ID: MB 460-445897/1-A

Matrix: Water

Analysis Batch: 446144

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445897

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/26/17 14:52	06/27/17 12:05	1

Lab Sample ID: LCS 460-445897/2-A

Matrix: Water

Analysis Batch: 446144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445897

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	5.28		ug/L	106		85 - 115

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Metals

Prep Batch: 445886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135907-1	P-296-DW-01A	Total/NA	Water	200	1
460-135907-3	P-296-DW-02A	Total/NA	Water	200	2
460-135907-5	P-296-DW-03A	Total/NA	Water	200	3
460-135907-7	P-296-DW-04A	Total/NA	Water	200	4
460-135907-9	P-296-TL-05A	Total/NA	Water	200	5
460-135907-11	P-296-TL-06A	Total/NA	Water	200	6
460-135907-13	P-296-TL-07A	Total/NA	Water	200	7
460-135907-15	P-296-DW-08A	Total/NA	Water	200	8
460-135907-17	P-296-DW-09A	Total/NA	Water	200	9
460-135907-19	P-296-TL-10A	Total/NA	Water	200	10
460-135907-21	P-296-TL-11A	Total/NA	Water	200	11
460-135907-23	P-296-TL-12A	Total/NA	Water	200	12
460-135907-25	P-296-TL-13A	Total/NA	Water	200	13
460-135907-27	P-296-TL-14A	Total/NA	Water	200	14
460-135907-29	P-296-TL-15A	Total/NA	Water	200	
460-135907-31	P-296-TL-16A	Total/NA	Water	200	
460-135907-33	P-296-TL-17A	Total/NA	Water	200	
460-135907-35	P-296-DW-18A	Total/NA	Water	200	
460-135907-37	P-296-DW-19A	Total/NA	Water	200	
460-135907-39	P-296-TL-20A	Total/NA	Water	200	
MB 460-445886/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445886/2-A	Lab Control Sample	Total/NA	Water	200	
460-135907-1 MS	P-296-DW-01A	Total/NA	Water	200	
460-135907-21 MS	P-296-TL-11A	Total/NA	Water	200	
460-135907-1 DU	P-296-DW-01A	Total/NA	Water	200	

Prep Batch: 445894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135907-41	P-296-TL-21A	Total/NA	Water	200	1
460-135907-43	P-296-EC-22A	Total/NA	Water	200	2
460-135907-45	P-296-DW-23A	Total/NA	Water	200	3
460-135907-47	P-296-DW-24A	Total/NA	Water	200	4
460-135907-49	P-296-NS-25A	Total/NA	Water	200	5
460-135907-51	P-296-NS-26A	Total/NA	Water	200	6
460-135907-53	P-296-DW-27A	Total/NA	Water	200	7
460-135907-55	P-296-DW-28A	Total/NA	Water	200	8
460-135907-57	P-296-EC-29A	Total/NA	Water	200	9
460-135907-59	P-296-EC-30A	Total/NA	Water	200	10
460-135907-61	P-296-EC-31A	Total/NA	Water	200	11
460-135907-63	P-296-EC-32A	Total/NA	Water	200	12
460-135907-65	P-296-EC-33A	Total/NA	Water	200	13
460-135907-67	P-296-EC-34A	Total/NA	Water	200	14
460-135907-69	P-296-EC-35A	Total/NA	Water	200	
460-135907-71	P-296-EC-36A	Total/NA	Water	200	
460-135907-73	P-296-TL-37A	Total/NA	Water	200	
MB 460-445894/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445894/2-A	Lab Control Sample	Total/NA	Water	200	
460-135907-41 MS	P-296-TL-21A	Total/NA	Water	200	
460-135907-61 MS	P-296-EC-31A	Total/NA	Water	200	
460-135907-41 DU	P-296-TL-21A	Total/NA	Water	200	

TestAmerica Edison

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Metals (Continued)

Prep Batch: 445897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-445897/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445897/2-A	Lab Control Sample	Total/NA	Water	200	

Analysis Batch: 445946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135907-1	P-296-DW-01A	Total/NA	Water	200.8	445886
460-135907-3	P-296-DW-02A	Total/NA	Water	200.8	445886
460-135907-5	P-296-DW-03A	Total/NA	Water	200.8	445886
460-135907-7	P-296-DW-04A	Total/NA	Water	200.8	445886
460-135907-9	P-296-TL-05A	Total/NA	Water	200.8	445886
460-135907-11	P-296-TL-06A	Total/NA	Water	200.8	445886
460-135907-13	P-296-TL-07A	Total/NA	Water	200.8	445886
460-135907-15	P-296-DW-08A	Total/NA	Water	200.8	445886
460-135907-17	P-296-DW-09A	Total/NA	Water	200.8	445886
460-135907-19	P-296-TL-10A	Total/NA	Water	200.8	445886
460-135907-21	P-296-TL-11A	Total/NA	Water	200.8	445886
460-135907-23	P-296-TL-12A	Total/NA	Water	200.8	445886
460-135907-27	P-296-TL-14A	Total/NA	Water	200.8	445886
460-135907-29	P-296-TL-15A	Total/NA	Water	200.8	445886
460-135907-31	P-296-TL-16A	Total/NA	Water	200.8	445886
460-135907-33	P-296-TL-17A	Total/NA	Water	200.8	445886
460-135907-35	P-296-DW-18A	Total/NA	Water	200.8	445886
460-135907-37	P-296-DW-19A	Total/NA	Water	200.8	445886
460-135907-39	P-296-TL-20A	Total/NA	Water	200.8	445886
MB 460-445886/1-A	Method Blank	Total/NA	Water	200.8	445886
LCS 460-445886/2-A	Lab Control Sample	Total/NA	Water	200.8	445886
460-135907-1 MS	P-296-DW-01A	Total/NA	Water	200.8	445886
460-135907-21 MS	P-296-TL-11A	Total/NA	Water	200.8	445886
460-135907-1 DU	P-296-DW-01A	Total/NA	Water	200.8	445886

Analysis Batch: 446144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135907-25	P-296-TL-13A	Total/NA	Water	200.8	445886
MB 460-445897/1-A	Method Blank	Total/NA	Water	200.8	445897
LCS 460-445897/2-A	Lab Control Sample	Total/NA	Water	200.8	445897

Analysis Batch: 446664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135907-41	P-296-TL-21A	Total/NA	Water	200.8	445894
460-135907-43	P-296-EC-22A	Total/NA	Water	200.8	445894
460-135907-45	P-296-DW-23A	Total/NA	Water	200.8	445894
460-135907-47	P-296-DW-24A	Total/NA	Water	200.8	445894
460-135907-49	P-296-NS-25A	Total/NA	Water	200.8	445894
460-135907-51	P-296-NS-26A	Total/NA	Water	200.8	445894
460-135907-53	P-296-DW-27A	Total/NA	Water	200.8	445894
460-135907-55	P-296-DW-28A	Total/NA	Water	200.8	445894
460-135907-57	P-296-EC-29A	Total/NA	Water	200.8	445894
460-135907-59	P-296-EC-30A	Total/NA	Water	200.8	445894
460-135907-61	P-296-EC-31A	Total/NA	Water	200.8	445894
460-135907-63	P-296-EC-32A	Total/NA	Water	200.8	445894
460-135907-65	P-296-EC-33A	Total/NA	Water	200.8	445894

TestAmerica Edison

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Metals (Continued)

Analysis Batch: 446664 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135907-67	P-296-EC-34A	Total/NA	Water	200.8	445894
460-135907-69	P-296-EC-35A	Total/NA	Water	200.8	445894
460-135907-71	P-296-EC-36A	Total/NA	Water	200.8	445894
460-135907-73	P-296-TL-37A	Total/NA	Water	200.8	445894
MB 460-445894/1-A	Method Blank	Total/NA	Water	200.8	445894
LCS 460-445894/2-A	Lab Control Sample	Total/NA	Water	200.8	445894
460-135907-41 MS	P-296-TL-21A	Total/NA	Water	200.8	445894
460-135907-61 MS	P-296-EC-31A	Total/NA	Water	200.8	445894
460-135907-41 DU	P-296-TL-21A	Total/NA	Water	200.8	445894

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-DW-01A

Date Collected: 06/21/17 06:20

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:03	MDC	TAL EDI

Client Sample ID: P-296-DW-02A

Date Collected: 06/21/17 06:22

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:09	MDC	TAL EDI

Client Sample ID: P-296-DW-03A

Date Collected: 06/21/17 06:26

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:12	MDC	TAL EDI

Client Sample ID: P-296-DW-04A

Date Collected: 06/21/17 06:29

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:14	MDC	TAL EDI

Client Sample ID: P-296-TL-05A

Date Collected: 06/21/17 06:32

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:17	MDC	TAL EDI

Client Sample ID: P-296-TL-06A

Date Collected: 06/21/17 06:36

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:28	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-TL-07A

Date Collected: 06/21/17 06:40
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:30	MDC	TAL EDI

Client Sample ID: P-296-DW-08A

Date Collected: 06/21/17 06:44
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:33	MDC	TAL EDI

Client Sample ID: P-296-DW-09A

Date Collected: 06/21/17 06:47
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:36	MDC	TAL EDI

Client Sample ID: P-296-TL-10A

Date Collected: 06/21/17 06:50
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:39	MDC	TAL EDI

Client Sample ID: P-296-TL-11A

Date Collected: 06/21/17 06:54
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:42	MDC	TAL EDI

Client Sample ID: P-296-TL-12A

Date Collected: 06/21/17 06:58
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:48	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-TL-13A

Date Collected: 06/21/17 07:04
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446144	06/27/17 11:56	MDC	TAL EDI

Client Sample ID: P-296-TL-14A

Date Collected: 06/21/17 07:10
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 15:53	MDC	TAL EDI

Client Sample ID: P-296-TL-15A

Date Collected: 06/21/17 07:13
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 16:02	MDC	TAL EDI

Client Sample ID: P-296-TL-16A

Date Collected: 06/21/17 07:17
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 16:05	MDC	TAL EDI

Client Sample ID: P-296-TL-17A

Date Collected: 06/21/17 07:21
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 16:08	MDC	TAL EDI

Client Sample ID: P-296-DW-18A

Date Collected: 06/21/17 07:32
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 16:10	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-DW-19A

Date Collected: 06/21/17 07:34
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:55	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 16:13	MDC	TAL EDI

Client Sample ID: P-296-TL-20A

Date Collected: 06/21/17 07:39
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445886	06/26/17 13:57	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445946	06/26/17 16:16	MDC	TAL EDI

Client Sample ID: P-296-TL-21A

Date Collected: 06/21/17 07:42
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-41

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 09:35	MDC	TAL EDI

Client Sample ID: P-296-EC-22A

Date Collected: 06/21/17 07:46
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 09:41	MDC	TAL EDI

Client Sample ID: P-296-DW-23A

Date Collected: 06/21/17 07:50
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 09:44	MDC	TAL EDI

Client Sample ID: P-296-DW-24A

Date Collected: 06/21/17 07:52
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-47

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 09:47	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-NS-25A

Date Collected: 06/21/17 07:56
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 09:50	MDC	TAL EDI

Client Sample ID: P-296-NS-26A

Date Collected: 06/21/17 07:58
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-51

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:00	MDC	TAL EDI

Client Sample ID: P-296-DW-27A

Date Collected: 06/21/17 08:01
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-53

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:03	MDC	TAL EDI

Client Sample ID: P-296-DW-28A

Date Collected: 06/21/17 08:03
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:06	MDC	TAL EDI

Client Sample ID: P-296-EC-29A

Date Collected: 06/21/17 08:05
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-57

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:09	MDC	TAL EDI

Client Sample ID: P-296-EC-30A

Date Collected: 06/21/17 08:07
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-59

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:12	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-EC-31A

Date Collected: 06/21/17 08:09
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-61

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:15	MDC	TAL EDI

Client Sample ID: P-296-EC-32A

Date Collected: 06/21/17 08:11
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-63

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:21	MDC	TAL EDI

Client Sample ID: P-296-EC-33A

Date Collected: 06/21/17 08:13
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-65

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:24	MDC	TAL EDI

Client Sample ID: P-296-EC-34A

Date Collected: 06/21/17 08:15
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-67

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:27	MDC	TAL EDI

Client Sample ID: P-296-EC-35A

Date Collected: 06/21/17 08:17
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-69

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:36	MDC	TAL EDI

Client Sample ID: P-296-EC-36A

Date Collected: 06/21/17 08:19
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-71

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:39	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Client Sample ID: P-296-TL-37A

Date Collected: 06/21/17 08:21

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135907-73

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445894	06/26/17 14:43	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446664	06/29/17 10:42	MDC	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

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Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135907-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
460-135907-1	P-296-DW-01A	Water	06/21/17 06:20	06/22/17 12:00	1
460-135907-3	P-296-DW-02A	Water	06/21/17 06:22	06/22/17 12:00	2
460-135907-5	P-296-DW-03A	Water	06/21/17 06:26	06/22/17 12:00	3
460-135907-7	P-296-DW-04A	Water	06/21/17 06:29	06/22/17 12:00	4
460-135907-9	P-296-TL-05A	Water	06/21/17 06:32	06/22/17 12:00	5
460-135907-11	P-296-TL-06A	Water	06/21/17 06:36	06/22/17 12:00	6
460-135907-13	P-296-TL-07A	Water	06/21/17 06:40	06/22/17 12:00	7
460-135907-15	P-296-DW-08A	Water	06/21/17 06:44	06/22/17 12:00	8
460-135907-17	P-296-DW-09A	Water	06/21/17 06:47	06/22/17 12:00	9
460-135907-19	P-296-TL-10A	Water	06/21/17 06:50	06/22/17 12:00	10
460-135907-21	P-296-TL-11A	Water	06/21/17 06:54	06/22/17 12:00	11
460-135907-23	P-296-TL-12A	Water	06/21/17 06:58	06/22/17 12:00	12
460-135907-25	P-296-TL-13A	Water	06/21/17 07:04	06/22/17 12:00	13
460-135907-27	P-296-TL-14A	Water	06/21/17 07:10	06/22/17 12:00	14
460-135907-29	P-296-TL-15A	Water	06/21/17 07:13	06/22/17 12:00	
460-135907-31	P-296-TL-16A	Water	06/21/17 07:17	06/22/17 12:00	
460-135907-33	P-296-TL-17A	Water	06/21/17 07:21	06/22/17 12:00	
460-135907-35	P-296-DW-18A	Water	06/21/17 07:32	06/22/17 12:00	
460-135907-37	P-296-DW-19A	Water	06/21/17 07:34	06/22/17 12:00	
460-135907-39	P-296-TL-20A	Water	06/21/17 07:39	06/22/17 12:00	
460-135907-41	P-296-TL-21A	Water	06/21/17 07:42	06/22/17 12:00	
460-135907-43	P-296-EC-22A	Water	06/21/17 07:46	06/22/17 12:00	
460-135907-45	P-296-DW-23A	Water	06/21/17 07:50	06/22/17 12:00	
460-135907-47	P-296-DW-24A	Water	06/21/17 07:52	06/22/17 12:00	
460-135907-49	P-296-NS-25A	Water	06/21/17 07:56	06/22/17 12:00	
460-135907-51	P-296-NS-26A	Water	06/21/17 07:58	06/22/17 12:00	
460-135907-53	P-296-DW-27A	Water	06/21/17 08:01	06/22/17 12:00	
460-135907-55	P-296-DW-28A	Water	06/21/17 08:03	06/22/17 12:00	
460-135907-57	P-296-EC-29A	Water	06/21/17 08:05	06/22/17 12:00	
460-135907-59	P-296-EC-30A	Water	06/21/17 08:07	06/22/17 12:00	
460-135907-61	P-296-EC-31A	Water	06/21/17 08:09	06/22/17 12:00	
460-135907-63	P-296-EC-32A	Water	06/21/17 08:11	06/22/17 12:00	
460-135907-65	P-296-EC-33A	Water	06/21/17 08:13	06/22/17 12:00	
460-135907-67	P-296-EC-34A	Water	06/21/17 08:15	06/22/17 12:00	
460-135907-69	P-296-EC-35A	Water	06/21/17 08:17	06/22/17 12:00	
460-135907-71	P-296-EC-36A	Water	06/21/17 08:19	06/22/17 12:00	
460-135907-73	P-296-TL-37A	Water	06/21/17 08:21	06/22/17 12:00	

TestAmerica Edison

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

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

Chain of Custody Record

TestAmerica
TESTING • ANALYSIS • ENVIRONMENTAL • TRAINING

TESTING • ANALYSIS • ENVIRONMENTAL • TRAINING
TESTING • ANALYSIS • ENVIRONMENTAL • TRAINING
6/29/2017
Client Information

Client Contact:

Ms. R. Rogina Carmilli

Company:

CHA Inc

Address:

111 Winners Circle PO BOX 5269

City:

Albany

State, Zip:

NY, 12205-0269

Phone:

518-453-4500 ext 45669

Email:

rcarmilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

RUSH

Sample Identification

Due Date Requested:

TAT Requested (days):

Sample Date

Sample Time

Sample Type

(e=comp, G=grab)

Preservation Code:

Batch No.

Matrix

(water, seawater, oil/water, ash)

Storage, Shaking, Agitator

Refrigerate, Freeze

Incubate

Dilute

Filter

Centrifuge

Decant

Strain

Decolorize

Decompose

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

Lead

200.8 - ICP Metals Single Element



Analysis Requested

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

M - Hexane

N - None

O - AsNaO2

P - Na2CO4S

Q - Na2S2O3

R - Na2SO4

S - H2SO4

T - TSP Dodecahydrate

U - Acetone

V - MCAA

W - PH 4-5

Z - other(specify)

Total Number of containers

Special Instructions/Note:

Hold ALL Samples

Page 30 of 44

Possible Hazard Identification

 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological Return To Client Disposal By Lab Archive For

Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Received by:

Company:

Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Company:

Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Company:

Date/Time:

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Date/Time:

Company:

Relinquished by:

Date/Time:

Company:

Received by:

Company:

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817

Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

Client Information		Sampler		Carrier Tracking No(s):																																																																									
Client Contact: Ms. Regina Camilli		Phone:		Lab PM: E-Mail: judy.stone@testamericainc.com																																																																									
Company: CHA Inc				Page # of <u>2</u> of <u>4</u>																																																																									
Analysis Requested																																																																													
Address: 111 Winners Circle PO BOX 5269 Cty: Albany		Due Date Requested: 5 Day		TAT Requested (days):																																																																									
State, Zip: NY, 12205-0269		PO #: 31521-1000 44200		WO #: 4569																																																																									
Phone: 518-450-4500		Project #: 46020240		Email: rcamilli@chacompanies.com																																																																									
Project Name: Bergen County, NJ		SSOW#:		Site:																																																																									
<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, G=waste/wall, A=air)</th> <th>Total Number of containers</th> </tr> </thead> <tbody> <tr><td>P-296-TL-068</td><td>6/21/2017</td><td>6:37</td><td>G</td><td>Water</td><td>12</td></tr> <tr><td>P-296-TL-07A</td><td></td><td>6:40</td><td>G</td><td>Water</td><td>13</td></tr> <tr><td>P-296-TL-07B</td><td></td><td>6:41</td><td>G</td><td>Water</td><td>14</td></tr> <tr><td>P-296-DW-08A</td><td></td><td>6:44</td><td>G</td><td>Water</td><td>15</td></tr> <tr><td>P-296-DW-08B</td><td></td><td>6:45</td><td>G</td><td>Water</td><td>16</td></tr> <tr><td>P-296-DW-09A</td><td></td><td>6:47</td><td>G</td><td>Water</td><td>17</td></tr> <tr><td>P-296-DW-09B</td><td></td><td>6:48</td><td>G</td><td>Water</td><td>18</td></tr> <tr><td>P-296-TL-10A</td><td></td><td>6:50</td><td>G</td><td>Water</td><td>19</td></tr> <tr><td>P-296-TL-10B</td><td></td><td>6:51</td><td>G</td><td>Water</td><td>20</td></tr> <tr><td>P-296-TL-11A</td><td></td><td>6:54</td><td>G</td><td>Water</td><td>21</td></tr> <tr><td>P-296-TL-11B</td><td></td><td>6:55</td><td>G</td><td>Water</td><td>22</td></tr> </tbody> </table>						Sample Identification	Sample Date	Sample Time	Sample Type (C=comp., G=grab)	Matrix (W=water, S=solid, G=waste/wall, A=air)	Total Number of containers	P-296-TL-068	6/21/2017	6:37	G	Water	12	P-296-TL-07A		6:40	G	Water	13	P-296-TL-07B		6:41	G	Water	14	P-296-DW-08A		6:44	G	Water	15	P-296-DW-08B		6:45	G	Water	16	P-296-DW-09A		6:47	G	Water	17	P-296-DW-09B		6:48	G	Water	18	P-296-TL-10A		6:50	G	Water	19	P-296-TL-10B		6:51	G	Water	20	P-296-TL-11A		6:54	G	Water	21	P-296-TL-11B		6:55	G	Water	22
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp., G=grab)	Matrix (W=water, S=solid, G=waste/wall, A=air)	Total Number of containers																																																																								
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<p>Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/></p> <p>lead</p> <p>200.8 - ICP Metals Single Element</p> <p>Hold ALL Samples</p> <p>Special Instructions/Note:</p> <p>Preservation Codes:</p> <ul style="list-style-type: none"> 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 - Na2O4S Q - Na2SCN3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify) _____ 																																																																													
<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>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>Deliverable Requested: I, II, III, IV, Other (specify)</p> <p>Empty Kit Relinquished by:</p> <p>Relinquished by: <u>John Neck</u> Date/Time: <u>6-21-17 1244</u> Company: <u>CHA</u> Received by: <u>Tim Koden</u> Date/Time: <u>6-21-17 1244</u> Company: <u>CHA</u></p> <p>Relinquished by: <u>Karen</u> Date/Time: <u>6-21-17 1800</u> Company: <u>CHA</u> Received by: <u>JaFen</u> Date/Time: <u>6-21-17 1800</u> Company: <u>CHA</u></p> <p>Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: _____</p> <p>Δ Yes Δ No</p> <p>Cooler Temperature(s) °C and Other Remarks: _____</p>																																																																													

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

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

Chain of Custody Record
TestAmerica
TEST LEADER IN ENVIRONMENTAL, IT & INDUSTRIAL

Client Information	Sampler:	Lab PM:	Carrier Tracking No(s)	O/C No:
Client Contact:	Stone, Judy L	E-Mail:		460-85426-53442-1
Ms. Regina Camilli		judy.stone@testamericainc.com		Page <u>3</u> of <u>44</u>
Company: CHA Inc				Job #:

 Address:
 111 Winners Circle PO BOX 5269

 City:
 Albany

 State, Zip:
 NY, 12205-0269

 Phone:
 518-453-4500 ext 4569

 Email:
 rcamilli@chacompanies.com

 Project Name:
 Bergen County, NJ

 Site:

6/29/2017

Page 32 of 44

 Due Date Requested:
5 day

 TAT Requested (days):

 PO#:
 31521-1000-44200

 WO#:

 Project#:
 46020240

 SSOW#:

Analysis Requested	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)		
	X	Lead		
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, S=solid, B=biological, G=grab)	Matrix (W=water, S=solvent, O=soil/waste, A=air)
P - 296 - TL - 12 A	6/20/2017	658	G	Water
P - 296 - TL - 12 B		659		Water
P - 296 - TL - 13 A		764		Water
P - 296 - TL - 13 B		765		Water
P - 296 - TL - 14 A		710		Water
P - 296 - TL - 14 B		711		Water
P - 296 - TL - 15 A		713		Water
P - 296 - TL - 15 B		714		Water
P - 296 - TL - 16 A		717		Water
P - 296 - TL - 16 B		718		Water
P - 296 - TL - 17 A		720		Water

Total Number of containers

Special Instructions>Note:

Hold ALL 24

Samples 26

27

28

29

30

31

32

33

Other:

 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
 M - Hexane
 N - None
 O - AsNaCl2
 P - NaO4S
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 U - Acetone
 V - MCMA
 W - pH 4.5
 Z - other (specify)

Preservation Codes:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

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					
Special Instructions/QC Requirements:						
Date:	Received by:	Method of Shipment:	Date:	Received by:	Method of Shipment:	Date:
6/24/2017 1244	TIA KODAK	6/31/17 1244	6/24/2017 1820	TIA	6/24/2017 1000	6/24/2017 1000
Date/time:	Company:	Date/time:	Company:	Date/time:	Company:	Date/time:
Reinstituted by:	Receiving by:	Reinstituted by:	Receiving by:	Reinstituted by:	Receiving by:	Reinstituted by:
<i>John Mack</i>	<i>J. Mack</i>	<i>John Mack</i>	<i>J. Mack</i>	<i>John Mack</i>	<i>J. Mack</i>	<i>John Mack</i>
Date/time:	Company:	Date/time:	Company:	Date/time:	Company:	Date/time:
Customary Seats Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:				
△ Yes	△ No					

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

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

Chain of Custody Record

TestAmerica
TESTING FOR ENVIRONMENTAL TRADING

Client Information

Client Contact:	Ms. Rogina Camilli
Company:	CHA Inc.
Address:	111 Winners Circle PO BOX 5269

Sampler: Lab PM:
Stone, Judy L
E-Mail: judy.stone@testamericainc.com

Carrier Tracking No(s):
460-85426-53442.1
Page: 4 of 7
Job #: 35057
6/29/2017

Phone: (732) 458-4569
Email: rcamilli@chacompanies.com
Project Name: Bergen County, NJ
Site:

Analysis Requested

Due Date Requested:	TAT Requested (days): 5 Day
PO#:	31521-1000-44200
WO#:	
Project #:	46020240
SSOW#:	

Sample Identification

Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (water, soil, oil, tissue, etc.)	Preservation Code:
6/21/2017	722	G	Water	X
	732		Water	X
	733		Water	X
	734		Water	X
	735		Water	X
	739		Water	X
	740		Water	X
	742		Water	X
	743		Water	X
	744		Water	X
	747		Water	X

Field Filtered Sample (Yes or No):
Perform MS/MSD (Yes or No):
200.8 - ICP Metals Single Element **lead**

Total Number of containers

Special Instructions/Note:
Hold ALL Samples

Date/Time: 6-21-17 1244 Company: TV
Received by: **Judith Stone** Date/Time: 6-21-17 1800 Company: TV
Received by: **Judith Stone** Date/Time: 6-21-17 1800 Company: TV

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radicological

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

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

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by: **Lathia Miller** Date/Time: 6/21/2017 1244 Company: TV
Relinquished by: **Lathia Miller** Date/Time: 6/21/17 1800 Company: TV

Custody Seals Intact: Yes No Custody Seal No.: Cooler Temperature(s), °C and Other Remarks:

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

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817

Phone (732) 549-3900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica
LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab P.M.
Client Contact:	Stone, Judy L	Carrier Tracking No(s):
Ms. Rogina Camilli	E-Mail:	460-854-26-53442.1
Company: CHA Inc	Phone:	Page:
Address: 111 Winters Circle PO BOX 5269	TAT Requested (days):	Page <u>5</u> of <u>44</u>

City: Albany	Due Date Requested:
State, Zip: NY, 12205-0269	TAT Requested (days):
Phone: 518-453-4569	PO#:
Email: rcamilli@chacompanies.com	WO#:
Project Name: Bergen County, NJ	Project #:
Site:	SSQW#:

Analysis Requested

Preservation Codes:

A - HCl	M - Hexane
B - NaOH	N - None
C - 2% Acetate	O - Acetate
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2SiO3
G - Ammonia	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

Total Number of containers

Special Instructions/Note:

Page 34 of 44

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Brewster, Soil, sand, On-waste, air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)
P-296-DW-23A	6/21/2017	7:50	G	Water	X	Lead
P-296-DW-23B		7:51		Water		
P-296-DW-24A		7:52		Water		
P-296-DW-24B		7:53		Water		
P-296-NS-25A		7:56		Water		
P-296-NS-25B		7:57		Water		
P-296-NS-26A		7:58		Water		
P-296-NS-26B		7:59		Water		
P-296-DW-27A		8:01		Water		
P-296-DW-27B		8:02		Water		
P-296-DW-28A		✓	8:03	✓	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:

Method of Shipment:

Received by: <u>Tim Kolder</u>	Date/Time: 6-31-17 1044	Company: TA
Received by: <u>Via FedEx</u>	Date/Time: 6/29/17 1800	Company: TA
Received by: <u>Via FedEx</u>	Date/Time: 6/29/17 1241	Company: TA

Cooler Temperature(s) °C and Other Remarks:

Relinquished by: <u>Tim Kolder</u>	Date/Time: 6-31-17 1800	Company: TA
Relinquished by: <u>Non-Hazard</u>	Date/Time: 6-31-17 1241	Company: TA
Deliverable Requested: I, II, III, IV, Other (specify):	Date:	Time:
Empty Kit Relinquished by:	Date:	Time:
Relinquished by: <u>Non-Hazard</u>	Date/Time: 6-31-17 1241	Company: TA
Custody Seals Intact:	Custody Seal No.:	
Δ Yes	Δ No	

6/29/2017

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

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

111 WINNERS CIRCLE, PO BOX 5269, NEW YORK, NY 10016

Client Information

Client Contact:	Sampler:	Lab PM:	Carrier Tracking No(s):
Ms. Rogina Camilli	Stone, Judy L	E-Mail:	judy.stone@testamericanainc.com
Company:	Phone:	Job #:	135957

Address:

111 Winners Circle PO BOX 5269

City:

Albany

State, Zip:

NY, 12205-0269

Phone:

518-453-4556 ext 45609

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Analysis Requested

Due Date Requested:	TAT Requested (days):
5 days	31521.1000.44200
WO #:	Project #:
	46020240
SSOW#:	

Sample Identification

Sample Date: Sample Time: Sample Type (C=Comp, G=Grab) Preservation Code:

Matrix (W=water, S=solid, O=water+oil, G=grain), Brinell No, ARI#

Field Filtered Sample (Yes or No):

Perform MS/MSD (Yes or No):

200.8 - ICP Metals Single Element

lead

Preservation Codes:

A - HCl M - Hexane
B - NaOH N - None
C - Zn Acetate O - AsNaO2
D - Nutric Acid P - Na2O5
E - NaHSO4 Q - Na2SO3
F - MeOH R - Na2S2O3
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)

Total Number of containers:

Special Instructions/Note:

Hold ALL Samples

Return To Client Disposal By Lab Archive For Months

Possible Hazard Identification:

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Return To Client Disposal By Lab Archive For Months

Special Instructions/QC Requirements:

Method of Shipment:

Date: Time: Received by:

Date/Time: Received by:

Reimbursement by: **John Weller**

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

Company:
C-HA Inc

Address:
111 Winners Circle PO BOX 5269

City:
Albany

State, Zip:
NY, 12205-0269

Phone:
518-453-4500 ext 4569

Email:
rcamilli@chacompanies.com

Project Name:
Bergen County, NJ

Site:
Sampler:
Stone, Judy L

Lab PM:
E-Mail:
judy.stone@testamericaninc.com

Phone:
Job #:
135951

Carrier Tracking No(s):
GOC No:
460-85426-53442.1

Page:
Page 7 of 44

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:
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na22O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4.5
Z - other (specify)

6/29/2017

Analysis Requested**Special Instructions/Note:****Sample Disposal:** (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client
 Disposal By Lab
 Archive For _____ Months

Page 36 of 44

TAT Requested (days):
5 Day

Field Filtered, Sample (Yes or No):
Perform MS/MS/ICP (Yes or No):
200.8 - ICP Metals Single Element
lead
Total Number of containers:
1 (4)
1 Hold ALL (48)
1 "B" (48)
1 Samples (70)
1 71
1 72
1 73
1 74

Method of Shipment:
Date: 6/21/2017 Time: 12:44 Company: C-HA Received by: K.D.
Received by: C. Wafelko Date/Time: 6/21/17 12:44 Company: TA
Received by: Date/Time: 6/21/17 12:44 Company: TA
Received by: Date/Time: 6/21/17 12:44 Company: TA

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Special Instructions/QC Requirements:
Empty Kit Relinquished by:
Relinquished by: _____

Date: _____ **Time:** _____ **Method of Shipment:**
Date/Time: 6/21/17 12:44 Company: C-HA Received by: K.D.
Received by: C. Wafelko Date/Time: 6/21/17 12:44 Company: TA
Received by: Date/Time: 6/21/17 12:44 Company: TA
Received by: Date/Time: 6/21/17 12:44 Company: TA

Custody Seals Intact: Custody Seal No.: _____
 Yes No

Cooler Temperature(s) °C and Other Remarks:

Job Number:

Number of Coolers:

- 1 -

1

Number of Coolers:		IR Gun #:	
		8	
Cooler Temperatures			
		RAW	CORRECTED
Cooler #1:	1.1	°C	1.1 °C
Cooler #2:	2.4	°C	2.4 °C
Cooler #3:	3.0	°C	3.0 °C
Cooler #4:		°C	
Cooler #5:		°C	
Cooler #6:		°C	
Cooler #7:		°C	
Cooler #8:		°C	
Cooler #9:		°C	

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Volume of Preservative used (ml)

Expiration Date

*** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.**

EDS-WI-038, Rev 4, 06/09/2014

Initials: CJ

Date: 6/22/17

TestAmerica Edison
Receipt Temperature and pH Log

Job Number:

135907

Number of Coolers:

6

IR Gun #:

8

TALS Sample Number	Cooler Temperatures											
	Raw			Corrected			Raw			Corrected		
Cooler #1	°C	°C	Cooler #4	°C	°C	Cooler #7	°C	°C	Cooler #10	°C	°C	
Cooler #2	°C	°C	Cooler #5	°C	°C	Cooler #8	°C	°C	Cooler #9	°C	°C	
Cooler #3	°C	°C	Cooler #6	°C	°C	Cooler #11	°C	°C	Cooler #12	°C	°C	
1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
6	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
7	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
8	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
9	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
10	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
11	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
12	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
13	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Volume of Preservative used (ml):

Preservative Name/Conc.:

Lot # of Preservative(s):

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Expiration Date:

1
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14

TestAmerica Edison Receipt Temperature and pH Log

Page 7 of 1

Job Number:

135907

Number of Coolers	IR Gun #	Cooler Temperatures	Raw												Corrected											
			C				F				C				F				C				F			
Cooler #1	°C	°C	°C	°C	Cooler #4	°C	°C	°C	°C	Cooler #7	°C	°C	°C	°C	Cooler #10	°C	°C	°C	°C	Cooler #13	°C	°C	°C	°C		
Cooler #2	°C	°C	°C	°C	Cooler #5	°C	°C	°C	°C	Cooler #8	°C	°C	°C	°C	Cooler #11	°C	°C	°C	°C	Cooler #14	°C	°C	°C	°C		
Cooler #3	°C	°C	°C	°C	Cooler #6	°C	°C	°C	°C	Cooler #9	°C	°C	°C	°C	Cooler #12	°C	°C	°C	°C	Cooler #15	°C	°C	°C	°C		
TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrite (pH<2)	Metals * (pH<2)	Hardness (pH<2)	Pest (pH>5.9)	EPH or OAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH<2)	Total Phos (pH<2)	Other (pH>12)	Other (pH<2)											
14					<2																					
15					<2																					
16					<2																					
17					<2																					
18					<2																					
19					<2																					
20					<2																					
21					<2																					
22					<2																					
23					<2																					
24					<2																					
25					<2																					
26					<2																					

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

 Page 2 of 2

Job Number:

13507Number of Coolers: 1IR Gun # 2

TALS Sample Number	Cooler Temperatures																											
	Cooler #1			Cooler #4			Cooler #7			Cooler #2			Cooler #5			Cooler #8			Cooler #3			Cooler #6			Cooler #9			
	RAW	corrected		RAW	corrected		RAW	corrected		RAW	corrected		RAW	corrected		RAW	corrected		RAW	corrected		RAW	corrected		RAW	corrected		
27	(pH<2)	(pH<2)	(pH>2)	(pH<2)	(pH<2)	(pH>2)	(pH<2)	(pH>9)	(pH<2)	(pH>2)	(pH<2)	(pH>9)	(pH<2)	(pH>2)	(pH<2)	(pH>9)	(pH<2)	(pH>2)	(pH<2)	(pH>2)	(pH<2)	(pH>2)	(pH<2)	(pH>2)	(pH<2)	(pH>2)		
28																												
29																												
30																												
31																												
32																												
33																												
34																												
35																												
36																												
37																												
38																												
39																												

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

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TestAmerica Edison
Receipt Temperature and pH Log

Page 1 of 1

Job Number:

135107

Number of Coolers:

2

IR Gun #:

8

TALS Sample Number	Cooler Temperatures																									
	Raw			Corrected			Raw			Corrected			Raw			Corrected			Raw			Corrected				
Cooler #1	°C	°F	Cooler #4	°C	°F	Cooler #7	°C	°F	Cooler #2	°C	°F	Cooler #5	°C	°F	Cooler #8	°C	°F	Cooler #3	°C	°F	Cooler #6	°C	°F	Cooler #9	°C	°F
40																										
41																										
42																										
43																										
44																										
45																										
46																										
47																										
48																										
49																										
50																										
51																										

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

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TestAmerica Edison
Receipt Temperature and pH Log

Page 5 of _____

Job Number:

135907

Number of Coolers:

9

IR Gun #:

X

TALS Sample Number	Cooler Temperatures											
	RAW			CORRECTED			RAW			CORRECTED		
Cooler #1: 4°C	Cooler #2: 4°C	Cooler #3: 4°C	Cooler #4: 4°C	Cooler #5: 4°C	Cooler #6: 4°C	Cooler #7: 4°C	Cooler #8: 4°C	Cooler #9: 4°C	Cooler #10: 4°C	Cooler #11: 4°C	Cooler #12: 4°C	
52												
54												
55												
56												
57												
58												
59												
60												
61												
62												
63												
64												
65												

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

1
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14
TestAmerica Edison
Receipt Temperature and pH Log
Page 1 of 1

Job Number:

135907

Number of Coolers:

2

IR Gun #:

Q**Cooler Temperatures**

	RAW		CORRECTED		RAW		CORRECTED		RAW		CORRECTED		RAW		CORRECTED	
	Cooler #1	°C	Cooler #2	°C	Cooler #3	°C	Cooler #4	°C	Cooler #5	°C	Cooler #6	°C	Cooler #7	°C	Cooler #8	°C
TALS Sample Number																
(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH>5.9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH<2)	(pH>12)	(pH<2)	
64																
65																
66																
67																
68																
69																
70																
71																
72																
73																
74																

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Volume of Preservative used (ml):

Expiration Date:

Preservative Name/Conc.:

Lot # of Preservative(s):

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 460-135907-1

Login Number: 135907

List Source: TestAmerica Edison

List Number: 1

Creator: Wisnewski, Kelly R

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	CS#848689, CS#848688
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	1.1°, 2.4°C, IR#8
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
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: 480-120131-1

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli

Judy Stone

Authorized for release by:

6/30/2017 7:50:27 PM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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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 Schools

TestAmerica Job ID: 480-120131-1

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.
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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Job ID: 480-120131-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-120131-1

Receipt

The samples were received on 6/24/2017 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 0.1° C, 0.2° C, 0.2° C, 0.3° C, 0.3° C and 0.4° 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 Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-KS49A

Lab Sample ID: 480-120131-1

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

Client Sample ID: P-296-KS50A

Lab Sample ID: 480-120131-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.30	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-KS51A

Lab Sample ID: 480-120131-5

No Detections.

Client Sample ID: P-296-KS52A

Lab Sample ID: 480-120131-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.58	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-IM53A

Lab Sample ID: 480-120131-9

No Detections.

Client Sample ID: P-296-DW54A

Lab Sample ID: 480-120131-10

No Detections.

Client Sample ID: P-296-EC38A

Lab Sample ID: 480-120131-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.46	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-NS39A

Lab Sample ID: 480-120131-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.52	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW40A

Lab Sample ID: 480-120131-16

No Detections.

Client Sample ID: P-296-DW41A

Lab Sample ID: 480-120131-18

No Detections.

Client Sample ID: P-296-EC-42A

Lab Sample ID: 480-120131-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.29	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-EC-43A

Lab Sample ID: 480-120131-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.52	J	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 Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-TL44A

Lab Sample ID: 480-120131-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.28	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW45A

Lab Sample ID: 480-120131-26

No Detections.

Client Sample ID: P-296-DW46A

Lab Sample ID: 480-120131-28

No Detections.

Client Sample ID: P-296-KS47A

Lab Sample ID: 480-120131-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.22	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-KS48A

Lab Sample ID: 480-120131-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.22	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-DW55A

Lab Sample ID: 480-120131-34

No Detections.

Client Sample ID: P-296-TL56A

Lab Sample ID: 480-120131-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.70	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-293-DW01A

Lab Sample ID: 480-120131-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.47	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-293-NS02A

Lab Sample ID: 480-120131-40

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: H-293-DW03A

Lab Sample ID: 480-120131-42

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

Client Sample ID: H-293-DW04A

Lab Sample ID: 480-120131-44

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-KS49A

Date Collected: 06/23/17 06:41
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.50	J	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 01:53	1

Client Sample ID: P-296-KS50A

Date Collected: 06/23/17 06:43
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.30	J	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 01:55	1

Client Sample ID: P-296-KS51A

Date Collected: 06/23/17 06:45
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-5

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		06/26/17 15:05	06/29/17 01:58	1

Client Sample ID: P-296-KS52A

Date Collected: 06/23/17 06:47
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.58	J	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 02:01	1

Client Sample ID: P-296-IM53A

Date Collected: 06/23/17 06:49
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-9

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		06/28/17 12:35	06/30/17 11:27	1

Client Sample ID: P-296-DW54A

Date Collected: 06/23/17 06:52
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-10

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		06/26/17 15:05	06/29/17 02:06	1

Client Sample ID: P-296-EC38A

Date Collected: 06/23/17 06:13
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.46	J	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 02:15	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-NS39A

Date Collected: 06/23/17 06:17
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-14

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.52	J	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 02:18	1

Client Sample ID: P-296-DW40A

Date Collected: 06/23/17 06:19
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-16

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		06/26/17 15:05	06/29/17 02:27	1

Client Sample ID: P-296-DW41A

Date Collected: 06/23/17 06:22
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-18

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		06/26/17 15:05	06/29/17 02:30	1

Client Sample ID: P-296-EC-42A

Date Collected: 06/23/17 06:24
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-20

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.29	J	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 02:32	1

Client Sample ID: P-296-EC-43A

Date Collected: 06/23/17 06:26
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-22

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.52	J	1.0	0.17	ug/L		06/26/17 14:50	06/28/17 22:47	1

Client Sample ID: P-296-TL44A

Date Collected: 06/23/17 06:29
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-24

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.28	J	1.0	0.17	ug/L		06/26/17 14:50	06/28/17 22:49	1

Client Sample ID: P-296-DW45A

Date Collected: 06/23/17 06:32
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-26

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		06/26/17 14:50	06/28/17 23:07	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-DW46A

Lab Sample ID: 480-120131-28

Matrix: Water

Date Collected: 06/23/17 06:34
Date Received: 06/24/17 02:30

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	06/26/17 14:50	06/28/17 23:10	1

Client Sample ID: P-296-KS47A

Lab Sample ID: 480-120131-30

Matrix: Water

Date Collected: 06/23/17 06:36
Date Received: 06/24/17 02:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.22	J	1.0	0.17	ug/L	D	06/26/17 14:50	06/28/17 23:13	1

Client Sample ID: P-296-KS48A

Lab Sample ID: 480-120131-32

Matrix: Water

Date Collected: 06/23/17 06:39
Date Received: 06/24/17 02:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.22	J	1.0	0.17	ug/L	D	06/26/17 14:50	06/28/17 23:15	1

Client Sample ID: P-296-DW55A

Lab Sample ID: 480-120131-34

Matrix: Water

Date Collected: 06/23/17 06:55
Date Received: 06/24/17 02:30

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	06/26/17 14:50	06/28/17 23:18	1

Client Sample ID: P-296-TL56A

Lab Sample ID: 480-120131-36

Matrix: Water

Date Collected: 06/23/17 06:57
Date Received: 06/24/17 02:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.70	J	1.0	0.17	ug/L	D	06/26/17 14:50	06/28/17 23:21	1

Client Sample ID: H-293-DW01A

Lab Sample ID: 480-120131-38

Matrix: Water

Date Collected: 06/23/17 07:24
Date Received: 06/24/17 02:30

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.47	J	1.0	0.17	ug/L	D	06/26/17 14:50	06/28/17 23:24	1

Client Sample ID: H-293-NS02A

Lab Sample ID: 480-120131-40

Matrix: Water

Date Collected: 06/23/17 07:26
Date Received: 06/24/17 02:30

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	D	06/26/17 14:50	06/28/17 23:27	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: H-293-DW03A

Date Collected: 06/23/17 07:29

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-42

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.0		1.0	0.17	ug/L		06/26/17 14:50	06/28/17 23:36	1

Client Sample ID: H-293-DW04A

Date Collected: 06/23/17 07:34

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-44

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		06/26/17 14:50	06/28/17 23:39	1

QC Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-364010/1-A

Matrix: Water

Analysis Batch: 364700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 364010

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		06/26/17 14:50	06/28/17 22:41	1

Lab Sample ID: LCS 480-364010/2-A

Matrix: Water

Analysis Batch: 364700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 364010

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead	20.0		21.48		ug/L		107	85 - 115	

Lab Sample ID: 480-120131-24 MS

Matrix: Water

Analysis Batch: 364700

Client Sample ID: P-296-TL44A

Prep Type: Total/NA

Prep Batch: 364010

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	0.28	J	20.0	20.86		ug/L		103	70 - 130	

Lab Sample ID: 480-120131-24 MSD

Matrix: Water

Analysis Batch: 364700

Client Sample ID: P-296-TL44A

Prep Type: Total/NA

Prep Batch: 364010

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier									
Lead	0.28	J	20.0	21.02		ug/L		104	70 - 130	1	20

Lab Sample ID: MB 480-364011/1-A

Matrix: Water

Analysis Batch: 364701

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 364011

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		06/26/17 15:05	06/29/17 01:18	1

Lab Sample ID: LCS 480-364011/2-A

Matrix: Water

Analysis Batch: 364701

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 364011

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead	20.0		21.44		ug/L		107	85 - 115	

Lab Sample ID: 480-120131-10 MS

Matrix: Water

Analysis Batch: 364701

Client Sample ID: P-296-DW54A

Prep Type: Total/NA

Prep Batch: 364011

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	0.17	U	20.0	20.54		ug/L		103	70 - 130	

Lab Sample ID: 480-120131-10 MSD

Matrix: Water

Analysis Batch: 364701

Client Sample ID: P-296-DW54A

Prep Type: Total/NA

Prep Batch: 364011

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier									
Lead	0.17	U	20.0	20.49		ug/L		102	70 - 130	0	20

TestAmerica Buffalo

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Lab Sample ID: MB 480-364452/1-A
Matrix: Water
Analysis Batch: 365006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 364452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		06/28/17 12:35	06/30/17 11:16	1

Lab Sample ID: LCS 480-364452/2-A
Matrix: Water
Analysis Batch: 365006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 364452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	20.0	20.16		ug/L	101	85 - 115	

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Metals

Prep Batch: 364010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-22	P-296-EC-43A	Total/NA	Water	200 Series	1
480-120131-24	P-296-TL44A	Total/NA	Water	200 Series	2
480-120131-26	P-296-DW45A	Total/NA	Water	200 Series	3
480-120131-28	P-296-DW46A	Total/NA	Water	200 Series	4
480-120131-30	P-296-KS47A	Total/NA	Water	200 Series	5
480-120131-32	P-296-KS48A	Total/NA	Water	200 Series	6
480-120131-34	P-296-DW55A	Total/NA	Water	200 Series	7
480-120131-36	P-296-TL56A	Total/NA	Water	200 Series	8
480-120131-38	H-293-DW01A	Total/NA	Water	200 Series	9
480-120131-40	H-293-NS02A	Total/NA	Water	200 Series	10
480-120131-42	H-293-DW03A	Total/NA	Water	200 Series	11
480-120131-44	H-293-DW04A	Total/NA	Water	200 Series	12
MB 480-364010/1-A	Method Blank	Total/NA	Water	200 Series	13
LCS 480-364010/2-A	Lab Control Sample	Total/NA	Water	200 Series	14
480-120131-24 MS	P-296-TL44A	Total/NA	Water	200 Series	
480-120131-24 MSD	P-296-TL44A	Total/NA	Water	200 Series	

Prep Batch: 364011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-1	P-296-KS49A	Total/NA	Water	200 Series	1
480-120131-3	P-296-KS50A	Total/NA	Water	200 Series	2
480-120131-5	P-296-KS51A	Total/NA	Water	200 Series	3
480-120131-7	P-296-KS52A	Total/NA	Water	200 Series	4
480-120131-10	P-296-DW54A	Total/NA	Water	200 Series	5
480-120131-12	P-296-EC38A	Total/NA	Water	200 Series	6
480-120131-14	P-296-NS39A	Total/NA	Water	200 Series	7
480-120131-16	P-296-DW40A	Total/NA	Water	200 Series	8
480-120131-18	P-296-DW41A	Total/NA	Water	200 Series	9
480-120131-20	P-296-EC-42A	Total/NA	Water	200 Series	10
MB 480-364011/1-A	Method Blank	Total/NA	Water	200 Series	11
LCS 480-364011/2-A	Lab Control Sample	Total/NA	Water	200 Series	12
480-120131-10 MS	P-296-DW54A	Total/NA	Water	200 Series	13
480-120131-10 MSD	P-296-DW54A	Total/NA	Water	200 Series	14

Prep Batch: 364452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-9	P-296-IM53A	Total/NA	Water	200.8	1
MB 480-364452/1-A	Method Blank	Total/NA	Water	200.8	2
LCS 480-364452/2-A	Lab Control Sample	Total/NA	Water	200.8	3

Analysis Batch: 364700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-22	P-296-EC-43A	Total/NA	Water	200.8	364010
480-120131-24	P-296-TL44A	Total/NA	Water	200.8	364010
480-120131-26	P-296-DW45A	Total/NA	Water	200.8	364010
480-120131-28	P-296-DW46A	Total/NA	Water	200.8	364010
480-120131-30	P-296-KS47A	Total/NA	Water	200.8	364010
480-120131-32	P-296-KS48A	Total/NA	Water	200.8	364010
480-120131-34	P-296-DW55A	Total/NA	Water	200.8	364010
480-120131-36	P-296-TL56A	Total/NA	Water	200.8	364010
480-120131-38	H-293-DW01A	Total/NA	Water	200.8	364010

TestAmerica Buffalo

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Metals (Continued)

Analysis Batch: 364700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-40	H-293-NS02A	Total/NA	Water	200.8	364010
480-120131-42	H-293-DW03A	Total/NA	Water	200.8	364010
480-120131-44	H-293-DW04A	Total/NA	Water	200.8	364010
MB 480-364010/1-A	Method Blank	Total/NA	Water	200.8	364010
LCS 480-364010/2-A	Lab Control Sample	Total/NA	Water	200.8	364010
480-120131-24 MS	P-296-TL44A	Total/NA	Water	200.8	364010
480-120131-24 MSD	P-296-TL44A	Total/NA	Water	200.8	364010

Analysis Batch: 364701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-1	P-296-KS49A	Total/NA	Water	200.8	364011
480-120131-3	P-296-KS50A	Total/NA	Water	200.8	364011
480-120131-5	P-296-KS51A	Total/NA	Water	200.8	364011
480-120131-7	P-296-KS52A	Total/NA	Water	200.8	364011
480-120131-10	P-296-DW54A	Total/NA	Water	200.8	364011
480-120131-12	P-296-EC38A	Total/NA	Water	200.8	364011
480-120131-14	P-296-NS39A	Total/NA	Water	200.8	364011
480-120131-16	P-296-DW40A	Total/NA	Water	200.8	364011
480-120131-18	P-296-DW41A	Total/NA	Water	200.8	364011
480-120131-20	P-296-EC42A	Total/NA	Water	200.8	364011
MB 480-364011/1-A	Method Blank	Total/NA	Water	200.8	364011
LCS 480-364011/2-A	Lab Control Sample	Total/NA	Water	200.8	364011
480-120131-10 MS	P-296-DW54A	Total/NA	Water	200.8	364011
480-120131-10 MSD	P-296-DW54A	Total/NA	Water	200.8	364011

Analysis Batch: 365006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120131-9	P-296-IM53A	Total/NA	Water	200.8	364452
MB 480-364452/1-A	Method Blank	Total/NA	Water	200.8	364452
LCS 480-364452/2-A	Lab Control Sample	Total/NA	Water	200.8	364452

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-KS49A

Date Collected: 06/23/17 06:41

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 01:53	JRK	TAL BUF

Client Sample ID: P-296-KS50A

Date Collected: 06/23/17 06:43

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 01:55	JRK	TAL BUF

Client Sample ID: P-296-KS51A

Date Collected: 06/23/17 06:45

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 01:58	JRK	TAL BUF

Client Sample ID: P-296-KS52A

Date Collected: 06/23/17 06:47

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:01	JRK	TAL BUF

Client Sample ID: P-296-IM53A

Date Collected: 06/23/17 06:49

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			364452	06/28/17 12:35	MJW	TAL BUF
Total/NA	Analysis	200.8		1	365006	06/30/17 11:27	JRK	TAL BUF

Client Sample ID: P-296-DW54A

Date Collected: 06/23/17 06:52

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:06	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-EC38A

Date Collected: 06/23/17 06:13
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:15	JRK	TAL BUF

Client Sample ID: P-296-NS39A

Date Collected: 06/23/17 06:17
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:18	JRK	TAL BUF

Client Sample ID: P-296-DW40A

Date Collected: 06/23/17 06:19
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:27	JRK	TAL BUF

Client Sample ID: P-296-DW41A

Date Collected: 06/23/17 06:22
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:30	JRK	TAL BUF

Client Sample ID: P-296-EC-42A

Date Collected: 06/23/17 06:24
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364011	06/26/17 15:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364701	06/29/17 02:32	JRK	TAL BUF

Client Sample ID: P-296-EC-43A

Date Collected: 06/23/17 06:26
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:47	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-TL44A

Date Collected: 06/23/17 06:29
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:49	JRK	TAL BUF

Client Sample ID: P-296-DW45A

Date Collected: 06/23/17 06:32
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:07	JRK	TAL BUF

Client Sample ID: P-296-DW46A

Date Collected: 06/23/17 06:34
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:10	JRK	TAL BUF

Client Sample ID: P-296-KS47A

Date Collected: 06/23/17 06:36
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:13	JRK	TAL BUF

Client Sample ID: P-296-KS48A

Date Collected: 06/23/17 06:39
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:15	JRK	TAL BUF

Client Sample ID: P-296-DW55A

Date Collected: 06/23/17 06:55
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:18	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Client Sample ID: P-296-TL56A

Date Collected: 06/23/17 06:57
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:21	JRK	TAL BUF

Client Sample ID: H-293-DW01A

Date Collected: 06/23/17 07:24
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:24	JRK	TAL BUF

Client Sample ID: H-293-NS02A

Date Collected: 06/23/17 07:26
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:27	JRK	TAL BUF

Client Sample ID: H-293-DW03A

Date Collected: 06/23/17 07:29
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-42

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:36	JRK	TAL BUF

Client Sample ID: H-293-DW04A

Date Collected: 06/23/17 07:34
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120131-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:39	JRK	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

Laboratory: TestAmerica Buffalo

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

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

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Buffalo

Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120131-1

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 Schools

TestAmerica Job ID: 480-120131-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-120131-1	P-296-KS49A	Water	06/23/17 06:41	06/24/17 02:30	1
480-120131-3	P-296-KS50A	Water	06/23/17 06:43	06/24/17 02:30	2
480-120131-5	P-296-KS51A	Water	06/23/17 06:45	06/24/17 02:30	3
480-120131-7	P-296-KS52A	Water	06/23/17 06:47	06/24/17 02:30	4
480-120131-9	P-296-IM53A	Water	06/23/17 06:49	06/24/17 02:30	5
480-120131-10	P-296-DW54A	Water	06/23/17 06:52	06/24/17 02:30	6
480-120131-12	P-296-EC38A	Water	06/23/17 06:13	06/24/17 02:30	7
480-120131-14	P-296-NS39A	Water	06/23/17 06:17	06/24/17 02:30	8
480-120131-16	P-296-DW40A	Water	06/23/17 06:19	06/24/17 02:30	9
480-120131-18	P-296-DW41A	Water	06/23/17 06:22	06/24/17 02:30	10
480-120131-20	P-296-EC-42A	Water	06/23/17 06:24	06/24/17 02:30	11
480-120131-22	P-296-EC-43A	Water	06/23/17 06:26	06/24/17 02:30	12
480-120131-24	P-296-TL44A	Water	06/23/17 06:29	06/24/17 02:30	13
480-120131-26	P-296-DW45A	Water	06/23/17 06:32	06/24/17 02:30	14
480-120131-28	P-296-DW46A	Water	06/23/17 06:34	06/24/17 02:30	
480-120131-30	P-296-KS47A	Water	06/23/17 06:36	06/24/17 02:30	
480-120131-32	P-296-KS48A	Water	06/23/17 06:39	06/24/17 02:30	
480-120131-34	P-296-DW55A	Water	06/23/17 06:55	06/24/17 02:30	
480-120131-36	P-296-TL56A	Water	06/23/17 06:57	06/24/17 02:30	
480-120131-38	H-293-DW01A	Water	06/23/17 07:24	06/24/17 02:30	
480-120131-40	H-293-NS02A	Water	06/23/17 07:26	06/24/17 02:30	
480-120131-42	H-293-DW03A	Water	06/23/17 07:29	06/24/17 02:30	
480-120131-44	H-293-DW04A	Water	06/23/17 07:34	06/24/17 02:30	

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[®]



Sampler:
Stone, Judy L.
Phone:
judy.stone@testamericainc.com
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:

Analysis Requests

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Preservation Code:	D	Field Filtered Sample (Yes or No)	Perform MS/MS (Yes or No)	200.8 - ICP Metals Single Element	Total Number of Contaminants	Preservation Codes:	
P-296 - K5 49A	6/23/2014	0641	G	Water	X							A - HCl
P-296 - K5 49B		0642	G	Water								B - NaOH
V 11 K5 50A		0643	G	Water								C - Zn Acetate
V 11 K5 50B		0644	G	Water								D - Nitric Acid
V 11 K5 51A		0645	G	Water								E - NaHSO4
V 11 K5 51B		0646	G	Water								F - MeOH
V 11 K5 52A		0647	G	Water								G - Ammonium
V 11 K5 52B		0648	G	Water								H - Ascorbic Acid
V 11 IM 53A		0649	G	Water								I - Ice
V 11 DW 54A		0650	G	Water								J - DI Water
V 11 DW 54B		0653	G	Water								K - EDTA
3 Samples												L - EDA
Hold all												M - Hexane
Total Number of Contaminants												N - None
Special Instructions/Note:												O - Ash/AsO2
												P - Na2O4S
												Q - Na2SO3
												R - Na2S2O3
												S - H2SO4
												T - TSP Dodecylamine
												U - Acetone
												V - MCAA
												W - pH 4-5
												Z - other (specify)
Other:												Other:

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TestAmerica Edison

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Edison, NJ 08817
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact:

Mrs. 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:	Lab PM	Carrier Tracking No(s):	COC No
Phone:	Stone, Judy L	Date:	460-85619-53442-2
E-Mail:	judy.stone@testamericainc.com	Page:	Page 2 of 11

Analysis Requested				
Preservation Codes:				
A - HCl	M - Hexane			
B - NaOH	N - None			
C - Zn Acetate	O - AsNaO2			
D - Nitric Acid	P - Na2O4S			
E - NaHSO4	Q - Na2S2O3			
F - MeOH	R - Na2S2O3			
G - Anchitor	S - H2SO4			
H - Ascorbic Acid	T - TSP Dodecanydrate			
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				

Analysis Requested				
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix
			(C=comp, G=grab)	(W=water, S=solid, Q=wasteoil, B=tissue, A=Air)
			Preservation Code:	
1	06/23/2017	08:13	G	Water
2	06/23/2017	08:14	G	Water
3	06/23/2017	08:17	G	Water
4	06/23/2017	08:18	G	Water
5	06/23/2017	08:19	G	Water
6	06/23/2017	08:20	G	Water
7	06/23/2017	08:22	G	Water
8	06/23/2017	08:23	G	Water
9	06/23/2017	08:24	G	Water
10	06/23/2017	08:25	G	Water
11	06/23/2017	08:26	G	Water
12	06/23/2017	08:27	G	Water
13	06/23/2017	08:28	G	Water
14	06/23/2017	08:29	G	Water
15	06/23/2017	08:30	G	Water
16	06/23/2017	08:31	G	Water
17	06/23/2017	08:32	G	Water
18	06/23/2017	08:33	G	Water
19	06/23/2017	08:34	G	Water
20	06/23/2017	08:35	G	Water
21	06/23/2017	08:36	G	Water
22	06/23/2017	08:37	G	Water
23	06/23/2017	08:38	G	Water
24	06/23/2017	08:39	G	Water
25	06/23/2017	08:40	G	Water
26	06/23/2017	08:41	G	Water
27	06/23/2017	08:42	G	Water
28	06/23/2017	08:43	G	Water
29	06/23/2017	08:44	G	Water
30	06/23/2017	08:45	G	Water
31	06/23/2017	08:46	G	Water
32	06/23/2017	08:47	G	Water
33	06/23/2017	08:48	G	Water
34	06/23/2017	08:49	G	Water
35	06/23/2017	08:50	G	Water
36	06/23/2017	08:51	G	Water
37	06/23/2017	08:52	G	Water
38	06/23/2017	08:53	G	Water
39	06/23/2017	08:54	G	Water
40	06/23/2017	08:55	G	Water
41	06/23/2017	08:56	G	Water
42	06/23/2017	08:57	G	Water
43	06/23/2017	08:58	G	Water
44	06/23/2017	08:59	G	Water
45	06/23/2017	08:50	G	Water
46	06/23/2017	08:51	G	Water
47	06/23/2017	08:52	G	Water
48	06/23/2017	08:53	G	Water
49	06/23/2017	08:54	G	Water
50	06/23/2017	08:55	G	Water
51	06/23/2017	08:56	G	Water
52	06/23/2017	08:57	G	Water
53	06/23/2017	08:58	G	Water
54	06/23/2017	08:59	G	Water
55	06/23/2017	09:00	G	Water
56	06/23/2017	09:01	G	Water
57	06/23/2017	09:02	G	Water
58	06/23/2017	09:03	G	Water
59	06/23/2017	09:04	G	Water
60	06/23/2017	09:05	G	Water
61	06/23/2017	09:06	G	Water
62	06/23/2017	09:07	G	Water
63	06/23/2017	09:08	G	Water
64	06/23/2017	09:09	G	Water
65	06/23/2017	09:10	G	Water
66	06/23/2017	09:11	G	Water
67	06/23/2017	09:12	G	Water
68	06/23/2017	09:13	G	Water
69	06/23/2017	09:14	G	Water
70	06/23/2017	09:15	G	Water
71	06/23/2017	09:16	G	Water
72	06/23/2017	09:17	G	Water
73	06/23/2017	09:18	G	Water
74	06/23/2017	09:19	G	Water
75	06/23/2017	09:20	G	Water
76	06/23/2017	09:21	G	Water
77	06/23/2017	09:22	G	Water
78	06/23/2017	09:23	G	Water
79	06/23/2017	09:24	G	Water
80	06/23/2017	09:25	G	Water
81	06/23/2017	09:26	G	Water
82	06/23/2017	09:27	G	Water
83	06/23/2017	09:28	G	Water
84	06/23/2017	09:29	G	Water
85	06/23/2017	09:30	G	Water
86	06/23/2017	09:31	G	Water
87	06/23/2017	09:32	G	Water
88	06/23/2017	09:33	G	Water
89	06/23/2017	09:34	G	Water
90	06/23/2017	09:35	G	Water
91	06/23/2017	09:36	G	Water
92	06/23/2017	09:37	G	Water
93	06/23/2017	09:38	G	Water
94	06/23/2017	09:39	G	Water
95	06/23/2017	09:40	G	Water
96	06/23/2017	09:41	G	Water
97	06/23/2017	09:42	G	Water
98	06/23/2017	09:43	G	Water
99	06/23/2017	09:44	G	Water
100	06/23/2017	09:45	G	Water
101	06/23/2017	09:46	G	Water
102	06/23/2017	09:47	G	Water
103	06/23/2017	09:48	G	Water
104	06/23/2017	09:49	G	Water
105	06/23/2017	09:50	G	Water
106	06/23/2017	09:51	G	Water
107	06/23/2017	09:52	G	Water
108	06/23/2017	09:53	G	Water
109	06/23/2017	09:54	G	Water
110	06/23/2017	09:55	G	Water
111	06/23/2017	09:56	G	Water
112	06/23/2017	09:57	G	Water
113	06/23/2017	09:58	G	Water
114	06/23/2017	09:59	G	Water
115	06/23/2017	09:50	G	Water
116	06/23/2017	09:51	G	Water
117	06/23/2017	09:52	G	Water
118	06/23/2017	09:53	G	Water
119	06/23/2017	09:54	G	Water
120	06/23/2017	09:55	G	Water
121	06/23/2017	09:56	G	Water
122	06/23/2017	09:57	G	Water
123	06/23/2017	09:58	G	Water
124	06/23/2017	09:59	G	Water
125	06/23/2017	10:00	G	Water
126	06/23/2017	10:01	G	Water
127	06/23/2017	10:02	G	Water
128	06/23/2017	10:03	G	Water
129	06/23/2017	10:04	G	Water
130	06/23/2017	10:05	G	Water
131	06/23/2017	10:06	G	Water
132	06/23/2017	10:07	G	Water
133	06/23/2017	10:08	G	Water
134	06/23/2017	10:09	G	Water
135	06/23/2017	10:10	G	Water
136	06/23/2017	10:11	G	Water
137	06/23/2017	10:12	G	Water
138	06/23/2017	10:13	G	Water
139	06/23/2017	10:14	G	Water
140	06/23/2017	10:15	G	Water
141	06/23/2017	10:16	G	Water
142	06/23/2017	10:17	G	Water
143	06/23/2017	10:18	G	Water
144	06/23/2017	10:19	G	Water
145	06/23/2017	10:20	G	Water
146	06/23/2017	10:21	G	Water
147	06/23/2017	10:22	G	Water
148	06/23/2017	10:23	G	Water
149	06/23/2017	10:24	G	Water
150	06/23/2017	10:25	G	Water
151	06/23/2017	10:26	G	Water
152	06/23/2017	10:27	G	Water
153	06/23/2017	10:28	G	Water
154	06/23/2017	10:29	G	Water
155	06/23/2017	10:30	G	Water
156	06/23/2017	10:31	G	Water
157	06/23/2017	10:32	G	Water
158	06/23/2017	10:33	G	Water
159	06/23/2017	10:34	G	Water
160	06/23/2017	10:35	G	Water
161	06/23/2017	10:36	G	Water
162	06/23/2017	10:37	G	Water
163	06/23/2017	10:38	G	Water
164	06/23/2017	10:39	G	Water
165	06/23/2017	10:40	G	Water
166	06/23/2017	10:41	G	Water
167	06/23/2017	10:42	G	Water
168	06/23/2017	10:43	G	Water
169	06/23/2017	10:44	G	Water
170	06/23/2017	10:45	G	Water
171	06/23/2017	10:46	G	Water
172	06/23/2017	10:47	G	Water
173	06/23/2017	10:48	G	Water
174	06/23/2017	10:49	G	Water
175	06/23/2017	10:50	G	Water
176	06/23/2017	10:51	G	Water
177	06/23/2017	10:52	G	Water
178	06/23/2017	10:53	G	Water
179	06/23/2017	10:54	G	Water
180	06/23/2017	10:55	G	Water
181	06/23/2017	10:56	G	Water
182	06/23/2017	10:57	G	Water
183	06/23/2017	10:58	G	Water
184	06/23/2017	10:59	G	Water
185	06/23/2017	11:00	G	Water
186	06/23/2017	11:01	G	Water
187	06/23/2017	11:02	G	Water
188	06/23/2017	11:03	G	Water
189	06/23/2017	11:04	G	Water
190	06/23/2017	11:05	G	Water
191	06/23/2017	11:06	G	Water
192	06/23/2017	11:07	G	Water
193	06/23/2017	11:08	G	Water
194	06/23/2017	11:09	G	Water
195	06/23/2017	11:10	G</	

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 Contact:
Ms. Regina Camilli
Company:
CHA Inc

Carrier Tracking No(s):
COC No:
450-056-19-53442-3
Page:
Page 3 of 11

Client Information		Sampler: Phone:	Lab PM: Stone, Judy L. E-Mail: judy.stone@testamericainc.com	Carrier Tracking No(s): COC No: 450-056-19-53442-3 Page: Page 3 of 11
Analysis Requested				
Due Date Requested:		Preservation Codes:		
TAT Requested (days): <i>5 days</i>		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 M - Hexane N - None O - ASNaO2 P - Na2OAS Q - Na2S03 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:		
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:		Total Number of containers: 200.8 - ICP Metals Single Element Performer MS/MSD (Yes or No)		
Field Filtered Sample Yes or No)				
SSOW#:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab) Matrix (W=water, S=solid, O=waste oil, B=tissue, A=Air)
P-201 - 6043B		6/23/2017	0627	G Water X
P-206 TL44A		0629		Water
P-206 TL44B		0630		Water
P-206 DW 45A		0632		Water
P-206 DW 45B		0633		Water
P-206 DW 46A		0634		Water
P-206 DW 46B		0635		Water
P-206 K547A		0636		Water
P-206 K547B		0637		Water
P-206 K548A		0638		Water
P-206 K548B		0640		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		Date:	Time:	Method of Shipment:
Deliverable Requested: I, II, III, IV, Other (specify)		Date:	Time:	
Empty Kit Relinquished by: <i>Tina Mech</i>		Date/Time: 6/23/17 17:30	Received by: <i>Tina Mech</i>	Date/Time: 6/23/17 17:30 Company
Relinquished by: <i>Tina Mech</i>		Date/Time: 6/23/17 18:00	Received by: <i>Tina Mech</i>	Date/Time: 6/24/17 02:00 Company
Relinquished by: <i>Tina Mech</i>		Date/Time: 6/23/17 18:00	Received by: <i>Tina Mech</i>	Date/Time: 6/24/17 02:00 Company
Custody Seals intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <i>#1</i>	Special Instructions/QC Requirements: <i>Hold all samples</i>	
			Special Instructions/ Other Remarks: <i>Cooler Temperature(s) °C and Other Remarks:</i>	

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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

Page 5 of 11

Client Information

Client Contact:	Mrs. Regina Camilli
Company:	CH-A 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:	

Sampler:	Lab PM	Carrier Tracking No(s):
Phone:	E-Mail:	COC No
	Judy stone@testamericainc.com	460-856-19-53442.5

Analysis Requested

Due Date Requested:	TAT Requested (days):	5 days
Address:	PO #:	31521-1000 44200
Phone:	W/O #:	
Email:	Project #:	46020240
Project Name:	SSOW#:	
Field Filtered Sample (Yes or No):		
200.8 - ICP Metals Single Element		
Performance MSD (yes or No):		
Field Filtered Sample (Yes or No):		
200.8 - ICP Metals Single Element		
Performance MSD (yes or No):		
Other:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, T=tissue, A=Air)	Preservation Code:
P-296 - DW 55A	07/23/2014	00:35	G	Water	X
v " DW 55B	06/26/		G	Water	
" TL 56A	06/27/		G	Water	
" 1, TL 56B	06/28/		G	Water	
H-293 DW01A	07/24		G	Water	
H-293 DW01B	07/25		G	Water	
1, NSD2A	07/26		G	Water	
1, NSD2B	07/28		G	Water	
1, DW03A	07/29		G	Water	
1, DW03B	07/30		G	Water	
1, DW04A	07/31		G	Water	

Possible Hazard Identification	Date:	Date:	Time:	Method of Shipment:
<input checked="" type="checkbox"/> Non-Hazard	6/23/2017	12:50	Company	Received by:
<input checked="" type="checkbox"/> Flammable	6/23/2017	18:20	Company	Received by:
<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:			
Empty Kit Relinquished by:	Date:	Date:	Time:	
<input checked="" type="checkbox"/>	John Wolf	John Wolf	12:50	Company
Relinquished by:	John Wolf	John Wolf	12:50	Company
Relinquished by:	John Wolf	John Wolf	02:30	Company
Relinquished by:	John Wolf	John Wolf	02:30	Company
Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:		
△ Yes	△ No	O.J #1		

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Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-120131-1

Login Number: 120131

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: 480-120131-1

Login Number: 120131

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 Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-135835-1

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

6/28/2017 6:57:35 PM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

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The
Expert

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www.testamericainc.com

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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 Schools

TestAmerica Job ID: 460-135835-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

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

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Job ID: 460-135835-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative 460-135835-1

Receipt

The samples were received on 6/22/2017 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 7.8° C.

Receipt Exceptions

Sample #7 COC reads P-333-DW-04A sample containers read P-333-DF-04A

Sample #8 COC reads P-333-DW-04B sample containers read P-333-DF-04B

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 Schools

TestAmerica Job ID: 460-135835-1

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

Lab Sample ID: 460-135835-1

No Detections.

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

Lab Sample ID: 460-135835-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.77	J	2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.36	J	2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.3		2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.6		2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	61.0		2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10.0		2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.3	J	2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-17

No Detections.

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

Lab Sample ID: 460-135835-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.9		2.0	0.16	ug/L	1		200.8	Total/NA

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

Lab Sample ID: 460-135835-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.9	J	2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-12A

Lab Sample ID: 460-135835-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.4		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-13A

Lab Sample ID: 460-135835-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.3		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-14A

Lab Sample ID: 460-135835-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	161		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-15A

Lab Sample ID: 460-135835-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-16A

Lab Sample ID: 460-135835-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.3		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-17A

Lab Sample ID: 460-135835-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.9		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-18A

Lab Sample ID: 460-135835-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	39.9		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-19A

Lab Sample ID: 460-135835-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.4		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-20A

Lab Sample ID: 460-135835-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20.4		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-21A

Lab Sample ID: 460-135835-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.2		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-22A

Lab Sample ID: 460-135835-42

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-22A (Continued)

Lab Sample ID: 460-135835-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.7		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-23A

Lab Sample ID: 460-135835-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.2		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-24A

Lab Sample ID: 460-135835-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.9		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-25A

Lab Sample ID: 460-135835-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	31.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-26A

Lab Sample ID: 460-135835-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.7		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-27A

Lab Sample ID: 460-135835-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-28A

Lab Sample ID: 460-135835-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.0		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-29A

Lab Sample ID: 460-135835-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.6		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-30A

Lab Sample ID: 460-135835-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.6		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-31A

Lab Sample ID: 460-135835-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22.5		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-32A

Lab Sample ID: 460-135835-62

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-32A (Continued)

Lab Sample ID: 460-135835-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	50.3		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-33A

Lab Sample ID: 460-135835-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.4		2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

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

Date Collected: 06/20/17 06:23
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 09:39	1

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

Date Collected: 06/20/17 06:30
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.77	J	2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 09:42	1

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

Date Collected: 06/20/17 06:34
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.36	J	2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 09:45	1

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

Date Collected: 06/20/17 06:38
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.3		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 09:48	1

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

Date Collected: 06/20/17 06:44
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.6		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 09:58	1

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

Date Collected: 06/20/17 06:48
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	61.0		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:01	1

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

Date Collected: 06/20/17 06:50
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10.0		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:04	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

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

Date Collected: 06/20/17 06:57
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-15

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3	J	2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:07	1

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

Date Collected: 06/20/17 07:02
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-17

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:10	1

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

Date Collected: 06/20/17 06:54
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-18

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.9		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:13	1

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

Date Collected: 06/20/17 07:07
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-20

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.9	J	2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:16	1

Client Sample ID: P-333-KS-12A

Date Collected: 06/20/17 07:11
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-22

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.4		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:22	1

Client Sample ID: P-333-KS-13A

Date Collected: 06/20/17 07:15
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-24

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.3		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:26	1

Client Sample ID: P-333-KS-14A

Date Collected: 06/20/17 07:19
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-26

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	161		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 10:35	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-15A
Date Collected: 06/20/17 07:22
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.8		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 10:53	1

Client Sample ID: P-333-KS-16A
Date Collected: 06/20/17 07:25
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-30
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.3		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 11:00	1

Client Sample ID: P-333-KS-17A
Date Collected: 06/20/17 07:28
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-32
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.9		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 11:03	1

Client Sample ID: P-333-KS-18A
Date Collected: 06/20/17 07:32
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-34
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	39.9		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 11:12	1

Client Sample ID: P-333-KS-19A
Date Collected: 06/20/17 07:35
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-36
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.4		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 11:15	1

Client Sample ID: P-333-KS-20A
Date Collected: 06/20/17 07:38
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-38
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20.4		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 11:18	1

Client Sample ID: P-333-KS-21A
Date Collected: 06/20/17 07:42
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-40
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.2		2.0	0.16	ug/L	D	06/23/17 10:10	06/28/17 11:21	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-22A
Date Collected: 06/20/17 07:51
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-42
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.7		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:24	1

Client Sample ID: P-333-KS-23A
Date Collected: 06/20/17 07:55
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-44
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.2		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:28	1

Client Sample ID: P-333-KS-24A
Date Collected: 06/20/17 07:59
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-46
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.9		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:31	1

Client Sample ID: P-333-KS-25A
Date Collected: 06/20/17 08:02
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-48
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	31.8		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:34	1

Client Sample ID: P-333-KS-26A
Date Collected: 06/20/17 08:06
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-50
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.7		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:40	1

Client Sample ID: P-333-KS-27A
Date Collected: 06/20/17 08:10
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-52
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:49	1

Client Sample ID: P-333-KS-28A
Date Collected: 06/20/17 08:13
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-54
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.0		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:52	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-29A

Lab Sample ID: 460-135835-56

Matrix: Water

Date Collected: 06/20/17 08:16
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.6		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:55	1

Client Sample ID: P-333-KS-30A

Lab Sample ID: 460-135835-58

Matrix: Water

Date Collected: 06/20/17 08:22
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.6		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 11:58	1

Client Sample ID: P-333-KS-31A

Lab Sample ID: 460-135835-60

Matrix: Water

Date Collected: 06/20/17 08:25
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22.5		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 12:01	1

Client Sample ID: P-333-KS-32A

Lab Sample ID: 460-135835-62

Matrix: Water

Date Collected: 06/20/17 08:27
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	50.3		2.0	0.16	ug/L		06/23/17 10:10	06/28/17 12:04	1

Client Sample ID: P-333-KS-33A

Lab Sample ID: 460-135835-64

Matrix: Water

Date Collected: 06/20/17 08:30
Date Received: 06/22/17 12:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.4		2.0	0.16	ug/L		06/23/17 10:12	06/28/17 12:07	1

QC Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-445378/1-A

Matrix: Water

Analysis Batch: 446372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445378

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.16	U	2.0	0.16	ug/L		06/23/17 10:04	06/28/17 09:21	1

Lab Sample ID: LCS 460-445378/2-A

Matrix: Water

Analysis Batch: 446372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445378

Analyte	Spike		LCS	LCS	Unit	D	%Rec	Limits	
	Added	Result	Qualifier	Unit	Dil Fac				
Lead	5.00	5.38		ug/L		108		85 - 115	

Lab Sample ID: 460-135835-20 MS

Matrix: Water

Analysis Batch: 446372

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

Prep Type: Total/NA

Prep Batch: 445378

Analyte	Sample		Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier		Added	Result	Qualifier				
Lead	1.9	J			5.00	6.96	ug/L	100	70 - 130	

Lab Sample ID: MB 460-445379/1-A

Matrix: Water

Analysis Batch: 446372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445379

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.16	U	2.0	0.16	ug/L		06/23/17 10:10	06/28/17 10:41	1

Lab Sample ID: LCS 460-445379/2-A

Matrix: Water

Analysis Batch: 446372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445379

Analyte	Spike		LCS	LCS	Unit	D	%Rec	Limits	
	Added	Result	Qualifier	Unit	Dil Fac				
Lead	5.00	5.24		ug/L		105		85 - 115	

Lab Sample ID: 460-135835-28 MS

Matrix: Water

Analysis Batch: 446372

Client Sample ID: P-333-KS-15A

Prep Type: Total/NA

Prep Batch: 445379

Analyte	Sample		Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier		Added	Result	Qualifier				
Lead	4.8				5.00	9.96	ug/L	103	70 - 130	

Lab Sample ID: 460-135835-48 MS

Matrix: Water

Analysis Batch: 446372

Client Sample ID: P-333-KS-25A

Prep Type: Total/NA

Prep Batch: 445379

Analyte	Sample		Spike	MS	MS	Unit	D	%Rec	Limits	
	Result	Qualifier		Added	Result	Qualifier				
Lead	31.8				5.00	36.71	4	99	70 - 130	

Lab Sample ID: 460-135835-28 DU

Matrix: Water

Analysis Batch: 446372

Client Sample ID: P-333-KS-15A

Prep Type: Total/NA

Prep Batch: 445379

Analyte	Sample		DU	DU	Unit	D		RPD	Limit
	Result	Qualifier		Added	Result	Qualifier			
Lead	4.8				4.82		ug/L	0.4	20

TestAmerica Edison

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

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TestAmerica Edison

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Metals

Prep Batch: 445378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135835-1	P-333-DW-01A	Total/NA	Water	200	5
460-135835-3	P-333-NS-02A	Total/NA	Water	200	6
460-135835-5	P-333-NS-03A	Total/NA	Water	200	7
460-135835-7	P-333-DW-04A	Total/NA	Water	200	8
460-135835-9	P-333-KS-05A	Total/NA	Water	200	9
460-135835-11	P-333-KS-06A	Total/NA	Water	200	10
460-135835-13	P-333-KS-07A	Total/NA	Water	200	11
460-135835-15	P-333-KS-09A	Total/NA	Water	200	12
460-135835-17	P-333-IM-10A	Total/NA	Water	200	13
460-135835-18	P-333-KS-08A	Total/NA	Water	200	14
460-135835-20	P-333-KS-11A	Total/NA	Water	200	
460-135835-22	P-333-KS-12A	Total/NA	Water	200	
460-135835-24	P-333-KS-13A	Total/NA	Water	200	
460-135835-26	P-333-KS-14A	Total/NA	Water	200	
MB 460-445378/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445378/2-A	Lab Control Sample	Total/NA	Water	200	
460-135835-20 MS	P-333-KS-11A	Total/NA	Water	200	

Prep Batch: 445379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135835-28	P-333-KS-15A	Total/NA	Water	200	14
460-135835-30	P-333-KS-16A	Total/NA	Water	200	
460-135835-32	P-333-KS-17A	Total/NA	Water	200	
460-135835-34	P-333-KS-18A	Total/NA	Water	200	
460-135835-36	P-333-KS-19A	Total/NA	Water	200	
460-135835-38	P-333-KS-20A	Total/NA	Water	200	
460-135835-40	P-333-KS-21A	Total/NA	Water	200	
460-135835-42	P-333-KS-22A	Total/NA	Water	200	
460-135835-44	P-333-KS-23A	Total/NA	Water	200	
460-135835-46	P-333-KS-24A	Total/NA	Water	200	
460-135835-48	P-333-KS-25A	Total/NA	Water	200	
460-135835-50	P-333-KS-26A	Total/NA	Water	200	
460-135835-52	P-333-KS-27A	Total/NA	Water	200	
460-135835-54	P-333-KS-28A	Total/NA	Water	200	
460-135835-56	P-333-KS-29A	Total/NA	Water	200	
460-135835-58	P-333-KS-30A	Total/NA	Water	200	
460-135835-60	P-333-KS-31A	Total/NA	Water	200	
460-135835-62	P-333-KS-32A	Total/NA	Water	200	
460-135835-64	P-333-KS-33A	Total/NA	Water	200	
MB 460-445379/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445379/2-A	Lab Control Sample	Total/NA	Water	200	
460-135835-28 MS	P-333-KS-15A	Total/NA	Water	200	
460-135835-48 MS	P-333-KS-25A	Total/NA	Water	200	
460-135835-28 DU	P-333-KS-15A	Total/NA	Water	200	

Analysis Batch: 446372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135835-1	P-333-DW-01A	Total/NA	Water	200.8	445378
460-135835-3	P-333-NS-02A	Total/NA	Water	200.8	445378
460-135835-5	P-333-NS-03A	Total/NA	Water	200.8	445378
460-135835-7	P-333-DW-04A	Total/NA	Water	200.8	445378

TestAmerica Edison

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Metals (Continued)

Analysis Batch: 446372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135835-9	P-333-KS-05A	Total/NA	Water	200.8	445378
460-135835-11	P-333-KS-06A	Total/NA	Water	200.8	445378
460-135835-13	P-333-KS-07A	Total/NA	Water	200.8	445378
460-135835-15	P-333-KS-09A	Total/NA	Water	200.8	445378
460-135835-17	P-333-IM-10A	Total/NA	Water	200.8	445378
460-135835-18	P-333-KS-08A	Total/NA	Water	200.8	445378
460-135835-20	P-333-KS-11A	Total/NA	Water	200.8	445378
460-135835-22	P-333-KS-12A	Total/NA	Water	200.8	445378
460-135835-24	P-333-KS-13A	Total/NA	Water	200.8	445378
460-135835-26	P-333-KS-14A	Total/NA	Water	200.8	445378
460-135835-28	P-333-KS-15A	Total/NA	Water	200.8	445379
460-135835-30	P-333-KS-16A	Total/NA	Water	200.8	445379
460-135835-32	P-333-KS-17A	Total/NA	Water	200.8	445379
460-135835-34	P-333-KS-18A	Total/NA	Water	200.8	445379
460-135835-36	P-333-KS-19A	Total/NA	Water	200.8	445379
460-135835-38	P-333-KS-20A	Total/NA	Water	200.8	445379
460-135835-40	P-333-KS-21A	Total/NA	Water	200.8	445379
460-135835-42	P-333-KS-22A	Total/NA	Water	200.8	445379
460-135835-44	P-333-KS-23A	Total/NA	Water	200.8	445379
460-135835-46	P-333-KS-24A	Total/NA	Water	200.8	445379
460-135835-48	P-333-KS-25A	Total/NA	Water	200.8	445379
460-135835-50	P-333-KS-26A	Total/NA	Water	200.8	445379
460-135835-52	P-333-KS-27A	Total/NA	Water	200.8	445379
460-135835-54	P-333-KS-28A	Total/NA	Water	200.8	445379
460-135835-56	P-333-KS-29A	Total/NA	Water	200.8	445379
460-135835-58	P-333-KS-30A	Total/NA	Water	200.8	445379
460-135835-60	P-333-KS-31A	Total/NA	Water	200.8	445379
460-135835-62	P-333-KS-32A	Total/NA	Water	200.8	445379
460-135835-64	P-333-KS-33A	Total/NA	Water	200.8	445379
MB 460-445378/1-A	Method Blank	Total/NA	Water	200.8	445378
MB 460-445379/1-A	Method Blank	Total/NA	Water	200.8	445379
LCS 460-445378/2-A	Lab Control Sample	Total/NA	Water	200.8	445378
LCS 460-445379/2-A	Lab Control Sample	Total/NA	Water	200.8	445379
460-135835-20 MS	P-333-KS-11A	Total/NA	Water	200.8	445378
460-135835-28 MS	P-333-KS-15A	Total/NA	Water	200.8	445379
460-135835-48 MS	P-333-KS-25A	Total/NA	Water	200.8	445379
460-135835-28 DU	P-333-KS-15A	Total/NA	Water	200.8	445379

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

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

Date Collected: 06/20/17 06:23

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 09:39	MDC	TAL EDI

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

Date Collected: 06/20/17 06:30

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 09:42	MDC	TAL EDI

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

Date Collected: 06/20/17 06:34

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 09:45	MDC	TAL EDI

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

Date Collected: 06/20/17 06:38

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 09:48	MDC	TAL EDI

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

Date Collected: 06/20/17 06:44

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 09:58	MDC	TAL EDI

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

Date Collected: 06/20/17 06:48

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:01	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

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

Date Collected: 06/20/17 06:50
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:04	MDC	TAL EDI

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

Date Collected: 06/20/17 06:57
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:07	MDC	TAL EDI

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

Date Collected: 06/20/17 07:02
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:10	MDC	TAL EDI

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

Date Collected: 06/20/17 06:54
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:13	MDC	TAL EDI

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

Date Collected: 06/20/17 07:07
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:16	MDC	TAL EDI

Client Sample ID: P-333-KS-12A

Date Collected: 06/20/17 07:11
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:22	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-13A

Date Collected: 06/20/17 07:15
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:26	MDC	TAL EDI

Client Sample ID: P-333-KS-14A

Date Collected: 06/20/17 07:19
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:35	MDC	TAL EDI

Client Sample ID: P-333-KS-15A

Date Collected: 06/20/17 07:22
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 10:53	MDC	TAL EDI

Client Sample ID: P-333-KS-16A

Date Collected: 06/20/17 07:25
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:00	MDC	TAL EDI

Client Sample ID: P-333-KS-17A

Date Collected: 06/20/17 07:28
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:03	MDC	TAL EDI

Client Sample ID: P-333-KS-18A

Date Collected: 06/20/17 07:32
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:12	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-19A

Date Collected: 06/20/17 07:35
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:15	MDC	TAL EDI

Client Sample ID: P-333-KS-20A

Date Collected: 06/20/17 07:38
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:18	MDC	TAL EDI

Client Sample ID: P-333-KS-21A

Date Collected: 06/20/17 07:42
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:21	MDC	TAL EDI

Client Sample ID: P-333-KS-22A

Date Collected: 06/20/17 07:51
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-42

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:24	MDC	TAL EDI

Client Sample ID: P-333-KS-23A

Date Collected: 06/20/17 07:55
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:28	MDC	TAL EDI

Client Sample ID: P-333-KS-24A

Date Collected: 06/20/17 07:59
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:31	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-25A

Date Collected: 06/20/17 08:02
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:34	MDC	TAL EDI

Client Sample ID: P-333-KS-26A

Date Collected: 06/20/17 08:06
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:40	MDC	TAL EDI

Client Sample ID: P-333-KS-27A

Date Collected: 06/20/17 08:10
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-52

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:49	MDC	TAL EDI

Client Sample ID: P-333-KS-28A

Date Collected: 06/20/17 08:13
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-54

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:52	MDC	TAL EDI

Client Sample ID: P-333-KS-29A

Date Collected: 06/20/17 08:16
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-56

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:55	MDC	TAL EDI

Client Sample ID: P-333-KS-30A

Date Collected: 06/20/17 08:22
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-58

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 11:58	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Client Sample ID: P-333-KS-31A

Date Collected: 06/20/17 08:25

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-60

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 12:01	MDC	TAL EDI

Client Sample ID: P-333-KS-32A

Date Collected: 06/20/17 08:27

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-62

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:10	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 12:04	MDC	TAL EDI

Client Sample ID: P-333-KS-33A

Date Collected: 06/20/17 08:30

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-64

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445379	06/23/17 10:12	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 12:07	MDC	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

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Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-135835-1	P-333-DW-01A	Water	06/20/17 06:23	06/22/17 12:00
460-135835-3	P-333-NS-02A	Water	06/20/17 06:30	06/22/17 12:00
460-135835-5	P-333-NS-03A	Water	06/20/17 06:34	06/22/17 12:00
460-135835-7	P-333-DW-04A	Water	06/20/17 06:38	06/22/17 12:00
460-135835-9	P-333-KS-05A	Water	06/20/17 06:44	06/22/17 12:00
460-135835-11	P-333-KS-06A	Water	06/20/17 06:48	06/22/17 12:00
460-135835-13	P-333-KS-07A	Water	06/20/17 06:50	06/22/17 12:00
460-135835-15	P-333-KS-09A	Water	06/20/17 06:57	06/22/17 12:00
460-135835-17	P-333-IM-10A	Water	06/20/17 07:02	06/22/17 12:00
460-135835-18	P-333-KS-08A	Water	06/20/17 06:54	06/22/17 12:00
460-135835-20	P-333-KS-11A	Water	06/20/17 07:07	06/22/17 12:00
460-135835-22	P-333-KS-12A	Water	06/20/17 07:11	06/22/17 12:00
460-135835-24	P-333-KS-13A	Water	06/20/17 07:15	06/22/17 12:00
460-135835-26	P-333-KS-14A	Water	06/20/17 07:19	06/22/17 12:00
460-135835-28	P-333-KS-15A	Water	06/20/17 07:22	06/22/17 12:00
460-135835-30	P-333-KS-16A	Water	06/20/17 07:25	06/22/17 12:00
460-135835-32	P-333-KS-17A	Water	06/20/17 07:28	06/22/17 12:00
460-135835-34	P-333-KS-18A	Water	06/20/17 07:32	06/22/17 12:00
460-135835-36	P-333-KS-19A	Water	06/20/17 07:35	06/22/17 12:00
460-135835-38	P-333-KS-20A	Water	06/20/17 07:38	06/22/17 12:00
460-135835-40	P-333-KS-21A	Water	06/20/17 07:42	06/22/17 12:00
460-135835-42	P-333-KS-22A	Water	06/20/17 07:51	06/22/17 12:00
460-135835-44	P-333-KS-23A	Water	06/20/17 07:55	06/22/17 12:00
460-135835-46	P-333-KS-24A	Water	06/20/17 07:59	06/22/17 12:00
460-135835-48	P-333-KS-25A	Water	06/20/17 08:02	06/22/17 12:00
460-135835-50	P-333-KS-26A	Water	06/20/17 08:06	06/22/17 12:00
460-135835-52	P-333-KS-27A	Water	06/20/17 08:10	06/22/17 12:00
460-135835-54	P-333-KS-28A	Water	06/20/17 08:13	06/22/17 12:00
460-135835-56	P-333-KS-29A	Water	06/20/17 08:16	06/22/17 12:00
460-135835-58	P-333-KS-30A	Water	06/20/17 08:22	06/22/17 12:00
460-135835-60	P-333-KS-31A	Water	06/20/17 08:25	06/22/17 12:00
460-135835-62	P-333-KS-32A	Water	06/20/17 08:27	06/22/17 12:00
460-135835-64	P-333-KS-33A	Water	06/20/17 08:30	06/22/17 12:00

TestAmerica Edison

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

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Phone (732) 549-3900 Fax (732) 549-3679

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 ext 4569

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:



Lab P/M:	Stone, Judy L
E-Mail:	judy.stone@testamericainc.com

5-Day RUSH

THE LEADER IN ENVIRONMENTAL TESTING
COC No: 460-85426-53442-1
Page: Page 1 of 46

6/28/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Analysis Requested	
Due Date Requested:	
TAT Requested (days):	
<i>5 day</i>	
PO#:	31521.1000.44200
WO#:	
Project#:	46020240
SSO#:	

Sample Identification

Field

Filtered

Sample

(Yes or No)

MS/MSD

Perform

Yes or No

Lead

200.8 - ICP Metals Single Element

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

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:	Lab P/M: Stone, Judy L	Carrier Tracking No(s):	COC No: 460-85426-53442.1
Client Contact: Ms. Rogina Camilli	Phone:	E-Mail: judy.stone@testamericainc.com		Page: 3 of 44

Company:
CHA Inc
Address:
111 Wifiners Circle PO BOX 5269
City:
Albany
State Zip:
NY, 12205-0269
Phone:
518-453-4500 ext 4569
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#:

Job #:

126835

Analysis Requested

Preservation Codes:

- A - HCl
- B - NaOH
- C - Zn Acetate
- D - Asktao2
- E - Na2O4S
- F - MeOH
- G - Amchlor
- H - Ascorbic Acid
- I - Ice
- J - Di Water
- K - EDTA
- L - EDA
- M - Hexane
- N - None
- O - Na2SO3
- P - Na2SSO3
- R - Na2SS2O3
- S - H2SO4
- T - TSP Dodecylate
- U - Acetone
- V - MCAA
- W - pH 4.5
- Z - other (specify)

Other:

Total Number of containers

Special Instructions/Note:

Sample Identification

Sample Date:

Sample Time:

Sample Type (C=Comp, G=grab, S=solid, D=water, O=water, A=aqueous)

Preservation Code:

Matrix (Water, Solid, Oil, Aqueous)

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

200.8 - ICP Metals Single Element

lead

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Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Special Instructions/QC Requirements:

Return To Client

Disposal/By Lab

Archive For

Months

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Received by:

Date/Time:

Company:

Reinquished by:

Date/Time:

Company:

Custody Seals Intact: Custody Seal No.:

△ Yes

△ No

6/28/2017

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

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Phone (732) 549-9900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sample #: _____

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 ext 4569

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Lab PW:

Stone, Judy L

E-Mail:

judy.stone@testamericaninc.com

Carrier Tracking No(s):

OCN No: 460-85426-53442-1

Page: 4 of 46

Job #: 135836

Due Date Requested:

TAT Requested (days):

5 day

PO#:

31521.1000.44200

WO#:

46020240

Project#:

46020240

SSOW#:

Analysis Requested

Preservation Codes:

- A - HCl
- B - NaOH
- C - Zn Acetate
- D - Nitric Acid
- E - NaHSO4
- F - MeOH
- G - Ascorbic Acid
- H - Ammonium
- I - DI Water
- J - Acetone
- K - EDTA
- L - EDA
- M - Hexane
- N - None
- O - AsNaO2
- P - Na2O4S
- Q - Na2SO3
- R - Na2S2O3
- S - H2O4
- T - TSP Dodecylate
- U - MCAA
- V - pH 4.5
- Z - other (specify)

Site:

5 day

Sample Identification

Sample Date:

Sample Time:

Sample Type:

(C=Comp., G=grab,

B=Issue A/Air)

Matrix:

(W=water,

S=solvent,

O=asphalt,

G=glass)

Preservation Code:

D

Field Filtered:

Sample (Yes or No):

Filtered

Perform MS/MSD (Yes or No):

MSD

Perform ICP (Yes or No):

ICP

Perform 200.8 - ICP Metals Single Element

lead

Perform 200.8 - ICP Metals Multi Element

multi

Perform 200.8 - ICP Metals Trace Element

trace

Perform 200.8 - ICP Metals Speciation

speciation

Perform 200.8 - ICP Metals Dissolved Solids

dissolved

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

Return To Client

Disposal By Lab

Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: <i>John Mess</i>	Date/Time: <i>6/20/2017 1243</i>	Company: <i>CHYA</i>	Received by: <i>John Kelly</i>
Relinquished by: <i>John Kollings</i>	Date/Time: <i>6-20-17 1800</i>	Company: <i>TA</i>	Received by: <i>John Kelly</i>
Relinquished by:	Date/Time:	Company:	Received by:

Possible Hazard Identification:

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Radicological

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

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by: *John Mess*

Date/Time: *6/20/2017 1243*

Company: *CHYA*

Received by: *John Kelly*

Date/Time: *6-20-17 1243*

Company: *TA*

Received by: *John Kelly*

Date/Time:

Company:

Custody Seals Intact:

Yes

No

Custody Seal No.:

John Kelly

John Kelly

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

Chain of Custody Record

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

COC No: 460-85426-53442-1
Page: 5 of 44 6
Job #: 136885

6/28/2017

Client Information
Ms. Regina Camilli

Sampler: Judy Stone, Judy L
E-Mail: judy.stone@testamericainc.com

Carrier Tracking No(s):

COC No: 460-85426-53442-1
Page: 5 of 44 6
Job #: 136885

Address: 111 Winners Circle PO BOX 5269
City: Albany
State, Zip: NY, 12205-0269

Phone: 518-453-4569
Email: rcamilli@chacompanies.com
Project Name: Bergen County, NJ
Site:

Lab PW: Stone, Judy L
Date/Time: 6/20/2017 12:43
Company: TA
Received by: *Judy Stone*
Date/Time: 6/20/2017 12:43
Company: TA
Received by: *Judy Stone*
Date/Time: 6/20/2017 12:43
Company: TA

Carrier Tracking No(s):

COC No: 460-85426-53442-1
Page: 5 of 44 6
Job #: 136885

Due Date Requested:
TAT Requested (days):
5 day

PO #: 31521-1000-44200
WO #: 31521-1000-44200
Project #: 46020240
SSOW#:

Field Filtered Sample (Yes or No):
Perform MS/MSD (Yes or No):
200.8 - ICP Metals Single Element
lead

Preservation Codes:

Sample Identification

Sample Date: 6/20/2017
Sample Time: 7:56 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 7:59 AM
Preservation Code: D
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:00 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:02 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:03 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:06 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:10 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:11 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:13 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification

Sample Date: 6/20/2017
Sample Time: 8:14 AM
Preservation Code: G
Sample Type (C=comp, G=grab): Water

Matrix (Water, Suspended, On-water, Extract, Aqueous): Water

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Possible Hazard Identification

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

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

Empty Kit Relinquished by:

Melvin Meek
Relinquished by: *Tim Kroll*
Relinquished by: *Tim Kroll*

Customer Seats Intact: Yes No

Custody Seal No.: Yes No

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

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
Company:
CH2 Inc

Address:
111 Winners Circle PO BOX 5269

Sampler:

Lab P/M:
Stone, Judy L

Carrier Tracking No(s):

COC No:
460-85426-534421

Page:

Page 6

Job #:

136636

6

City:
Albany
State, Zip:
NY, 12205-0269
Phone:
518-453-4500 ext 45669
Email:
rcamilli@ch2companies.com
Project Name:
Bergen County, NJ
Site:

Due Date Requested:
5 day
TAT Requested (days):
PO#:
31521.1000.44200
WO#:
SSOW#:

Field Filtered Sample (Yes or No):
Perform MS/MSD (Yes or No):
200.8 - ICP Metals Single Element
lead

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:

M - Hexane
N - None
O - AstroO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
U - Acetone
V - MCAA
W - pH 4.5
Z - other (specify)

Total Number of containers:

Special Instructions/Note:
Hold ALL Samples

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp., S=soln, B=matrix, A=air)	Matrix (Water, Soil, Groundwater, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	200.8 - ICP Metals Single Element
P-333 - KS - 29A	6/26/2017	8:16	G	Water	X	D	lead
P-333 - KS - 29B		8:17	I	Water	/	/	
P-333 - KS - 30A		8:22	/	Water	/	/	
P-333 - KS - 30B		8:23	/	Water	/	/	
P-333 - KS - 31A		8:25	/	Water	/	/	
P-333 - KS - 31B		8:26	/	Water	/	/	
P-333 - KS - 32A		8:27	/	Water	/	/	
P-333 - KS - 32B		8:27	/	Water	/	/	
P-333 - KS - 33A		8:30	/	Water	/	/	
P-333 - KS - 33B		8:31	/	Water	/	/	

Possible Hazard Identification

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

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

Empty Kit Relinquished by:

Date: **6/26/2017** Time: **1243**

Method of Shipment:

Received by: **Judy Stone** Date/Time: **6/26/2017 1243** Company: **CH2 Inc**

Relinquished by:

Date/Time: **6/26/2017 1800** Company: **CH2 Inc**

Received by: **Judy Stone** Date/Time: **6/26/2017 1800** Company: **CH2 Inc**

Retrqnished by:
Tim Knapp

Date/Time: **6/26/2017 1800** Company: **CH2 Inc**

Received by: **Judy Stone** Date/Time: **6/26/2017 1800** Company: **CH2 Inc**

Custody Seals intact: Yes No

△ Yes ▲ No

TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number:

13C 83C

Number of Coolers:

1

IR Gun #:

2

TALS Sample Number	Cooler Temperatures																	
	Raw			Corrected			Raw			Corrected								
	Cooler #1	°C	Cooler #2	°C	Cooler #3	°C	Cooler #4	°C	Cooler #5	°C	Cooler #6	°C	Cooler #7	°C	Cooler #8	°C	Cooler #9	°C
1	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
2	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
3	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
5	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
6	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
7	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
8	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
9	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
10	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
12	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
13	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Sample No(s). adjusted:	If pH adjustments are required record the information below:											
	Preservative Name/Conc.:			Volume of Preservative used (ml):			Expiration Date:			Comments:		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

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TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number:

130835

Number of Coolers:

IR Gun #Cooler Temperatures

		IR Gun #		Cooler Temperatures			
		Raw	Corrected	Raw	Corrected	Raw	Corrected
		°C	°C	°C	°C	°C	°C
Cooler #1	14	14	14	Cooler #4	14	14	14
Cooler #2	14	14	14	Cooler #5	14	14	14
Cooler #3	14	14	14	Cooler #6	14	14	14
				Cooler #7	14	14	14
				Cooler #8	14	14	14

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate (pH<2)	Metals * (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH<2)	Total Phos (pH<2)	Other (pH<2)	Other (pH<2)
14	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
14	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
17	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
18	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
19	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
21	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
22	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
23	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
24	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
26	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

13C836

Number of Coolers:

IRGM#

TALS Sample Number	Cooler Temperatures												Raw or Corrected			
	Cooler #1	°C	°C	Cooler #4	°C	°C	Cooler #7	°C	°C	Cooler #10	°C	°C	Total Cyanide	Total Phos	Other	Other
37			<2													
38			<2													
39			<2													
36			<2													
35			<2													
34			<2													
33			<2													
32			<2													
31			<2													
30			<2													
29			<2													
28			<2													
27			<2													
26			<2													
25			<2													
24			<2													
23			<2													
22			<2													
21			<2													
20			<2													
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18			<2													
17			<2													
16			<2													
15			<2													
14			<2													
13			<2													
12			<2													
11			<2													
10			<2													
9			<2													
8			<2													
7			<2													
6			<2													
5			<2													
4			<2													
3			<2													
2			<2													
1			<2													

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
 *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

136836

Number of Coolers:

IR Gun #

Cooler Temperatures

TALS Sample Number	IR Gun #		Cooler Temperatures		IR Gun #		Cooler Temperatures		IR Gun #		Cooler Temperatures	
	RAW	CORRECTED	RAW	C	RAW	C	RAW	C	RAW	C	RAW	C
46			Cooler#1	°C	°C		Cooler#4	°C	°C	Cooler#7	°C	°C
47			Cooler#2	°C	°C		Cooler#5	°C	°C	Cooler#8	°C	°C
48			Cooler#3	°C	°C		Cooler#6	°C	°C	Cooler#9	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
46	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
47	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
48	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
49	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
51	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
52	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number:

BC83

Number of Coolers:

IR Gun #

Cooler Temperatures

RAW		CORRECTED		RAW		CORRECTED		RAW		CORRECTED	
Cooler #1:	7.8 °C	Cooler #4:	7.8 °C	Cooler #5:	°C	Cooler #7:	°C	Cooler #8:	°C	Cooler #9:	°C
IR Gun #	8	IR Gun #	8	IR Gun #	°C						
Cooler #3:	°C	Cooler #6:	°C	Cooler #2:	°C	Cooler #5:	°C	Cooler #8:	°C	Cooler #1:	°C
Cooler #3:	°C	Cooler #6:	°C	Cooler #2:	°C	Cooler #5:	°C	Cooler #8:	°C	Cooler #1:	°C

TALS Sample Number	Ammonia	COD	Nitrate	Metals *	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	TOC	Total Cyanide	Total Phos	Other	Other
63	(pH<2)	(pH<2)	(pH>2)	<2	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)	(pH<2)	
59				<2											
66				<2											
66				<2											
67				<2											
67				<2											
66				<2											
66				<2											
62				<2											
63				<2											
64				<2											
66				<2											

If pH adjustments are required record the information below:

Sample No(s), adjusted:

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 460-135835-1

Login Number: 135835

List Source: TestAmerica Edison

List Number: 1

Creator: Meyers, Gary

Question	Answer	Comment	
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A		1
The cooler's custody seal, if present, is intact.	True	848705	2
Sample custody seals, if present, are intact.	True		3
The cooler or samples do not appear to have been compromised or tampered with.	True		4
Samples were received on ice.	True		5
Cooler Temperature is acceptable.	False		6
Cooler Temperature is recorded.	True	7.8 ° C IR #8	7
COC is present.	True		8
COC is filled out in ink and legible.	True		9
COC is filled out with all pertinent information.	True		10
Is the Field Sampler's name present on COC?	True		11
There are no discrepancies between the containers received and the COC.	True		12
Samples are received within Holding Time (excluding tests with immediate HTs)	True		13
Sample containers have legible labels.	True		14
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	No analysis requiring residual chlorine check assigned.	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-135835-2

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

7/19/2017 10:52:45 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?

Ask
The
Expert

Visit us at:

www.testamericainc.com

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

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

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

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Definitions/Glossary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

Job ID: 460-135835-2

Laboratory: TestAmerica Edison

Narrative

Job Narrative 460-135835-2

Receipt

The samples were received on 6/22/2017 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 7.8° C.

Receipt Exceptions

The following samples were activated by the client on 7/6/17: P-333-KS-06B (460-135835-12), P-333-KS-14B (460-135835-27), P-333-KS-18B (460-135835-35), P-333-KS-20B (460-135835-39), P-333-KS-25B (460-135835-49), P-333-KS-31B (460-135835-61) and P-333-KS-32B (460-135835-63). These had originally been placed on hold pending results of the first draw samples.

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 Schools

TestAmerica Job ID: 460-135835-2

Client Sample ID: P-333-KS-06B**Lab Sample ID: 460-135835-12**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11.2		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-14B**Lab Sample ID: 460-135835-27**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.1		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-18B**Lab Sample ID: 460-135835-35**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-20B**Lab Sample ID: 460-135835-39**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.6		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-25B**Lab Sample ID: 460-135835-49**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.9		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-31B**Lab Sample ID: 460-135835-61**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-32B**Lab Sample ID: 460-135835-63**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.8		2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

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

Date Collected: 06/20/17 06:49
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11.2		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:10	1

Client Sample ID: P-333-KS-14B

Date Collected: 06/20/17 07:20
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-27

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.1		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:16	1

Client Sample ID: P-333-KS-18B

Date Collected: 06/20/17 07:33
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-35

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.8		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:20	1

Client Sample ID: P-333-KS-20B

Date Collected: 06/20/17 07:39
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-39

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.6		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:29	1

Client Sample ID: P-333-KS-25B

Date Collected: 06/20/17 08:03
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-49

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.9		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:32	1

Client Sample ID: P-333-KS-31B

Date Collected: 06/20/17 08:26
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-61

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:35	1

Client Sample ID: P-333-KS-32B

Date Collected: 06/20/17 08:28
Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-63

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.8		2.0	0.16	ug/L	D	07/11/17 09:15	07/13/17 13:38	1

TestAmerica Edison

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-448734/1-A

Matrix: Water

Analysis Batch: 449264

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 448734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		07/11/17 09:15	07/13/17 12:58	1

Lab Sample ID: LCS 460-448734/2-A

Matrix: Water

Analysis Batch: 449264

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 448734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	5.00	4.97		ug/L		99	85 - 115

Lab Sample ID: 460-135835-12 MS

Matrix: Water

Analysis Batch: 449264

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

Prep Type: Total/NA

Prep Batch: 448734

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	11.2		5.00	16.19		ug/L		99	70 - 130

Lab Sample ID: 460-135835-12 DU

Matrix: Water

Analysis Batch: 449264

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

Prep Type: Total/NA

Prep Batch: 448734

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	11.2		11.32		ug/L		0.9	20

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

Metals

Prep Batch: 448734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135835-12	P-333-KS-06B	Total/NA	Water	200	5
460-135835-27	P-333-KS-14B	Total/NA	Water	200	6
460-135835-35	P-333-KS-18B	Total/NA	Water	200	7
460-135835-39	P-333-KS-20B	Total/NA	Water	200	8
460-135835-49	P-333-KS-25B	Total/NA	Water	200	9
460-135835-61	P-333-KS-31B	Total/NA	Water	200	10
460-135835-63	P-333-KS-32B	Total/NA	Water	200	
MB 460-448734/1-A	Method Blank	Total/NA	Water	200	
LCS 460-448734/2-A	Lab Control Sample	Total/NA	Water	200	
460-135835-12 MS	P-333-KS-06B	Total/NA	Water	200	
460-135835-12 DU	P-333-KS-06B	Total/NA	Water	200	

Analysis Batch: 449264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135835-12	P-333-KS-06B	Total/NA	Water	200.8	448734
460-135835-27	P-333-KS-14B	Total/NA	Water	200.8	448734
460-135835-35	P-333-KS-18B	Total/NA	Water	200.8	448734
460-135835-39	P-333-KS-20B	Total/NA	Water	200.8	448734
460-135835-49	P-333-KS-25B	Total/NA	Water	200.8	448734
460-135835-61	P-333-KS-31B	Total/NA	Water	200.8	448734
460-135835-63	P-333-KS-32B	Total/NA	Water	200.8	448734
MB 460-448734/1-A	Method Blank	Total/NA	Water	200.8	448734
LCS 460-448734/2-A	Lab Control Sample	Total/NA	Water	200.8	448734
460-135835-12 MS	P-333-KS-06B	Total/NA	Water	200.8	448734
460-135835-12 DU	P-333-KS-06B	Total/NA	Water	200.8	448734

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

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

Lab Sample ID: 460-135835-12

Matrix: Water

Date Collected: 06/20/17 06:49

Date Received: 06/22/17 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:10	MDC	TAL EDI

Client Sample ID: P-333-KS-14B

Lab Sample ID: 460-135835-27

Matrix: Water

Date Collected: 06/20/17 07:20

Date Received: 06/22/17 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:16	MDC	TAL EDI

Client Sample ID: P-333-KS-18B

Lab Sample ID: 460-135835-35

Matrix: Water

Date Collected: 06/20/17 07:33

Date Received: 06/22/17 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:20	MDC	TAL EDI

Client Sample ID: P-333-KS-20B

Lab Sample ID: 460-135835-39

Matrix: Water

Date Collected: 06/20/17 07:39

Date Received: 06/22/17 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:29	MDC	TAL EDI

Client Sample ID: P-333-KS-25B

Lab Sample ID: 460-135835-49

Matrix: Water

Date Collected: 06/20/17 08:03

Date Received: 06/22/17 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:32	MDC	TAL EDI

Client Sample ID: P-333-KS-31B

Lab Sample ID: 460-135835-61

Matrix: Water

Date Collected: 06/20/17 08:26

Date Received: 06/22/17 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:35	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

Client Sample ID: P-333-KS-32B

Date Collected: 06/20/17 08:28

Date Received: 06/22/17 12:00

Lab Sample ID: 460-135835-63

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			448734	07/11/17 09:15	MDC	TAL EDI
Total/NA	Analysis	200.8		1	449264	07/13/17 13:38	MDC	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-18

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Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135835-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-135835-12	P-333-KS-06B	Water	06/20/17 06:49	06/22/17 12:00
460-135835-27	P-333-KS-14B	Water	06/20/17 07:20	06/22/17 12:00
460-135835-35	P-333-KS-18B	Water	06/20/17 07:33	06/22/17 12:00
460-135835-39	P-333-KS-20B	Water	06/20/17 07:39	06/22/17 12:00
460-135835-49	P-333-KS-25B	Water	06/20/17 08:03	06/22/17 12:00
460-135835-61	P-333-KS-31B	Water	06/20/17 08:26	06/22/17 12:00
460-135835-63	P-333-KS-32B	Water	06/20/17 08:28	06/22/17 12:00

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TestAmerica Edison

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

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

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 ext 4569

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

460-135835 Chain of Custody

SSO#:

Lab PM:

Stone, Judy L

E-Mail:

judy.stone@testamericainc.com

Job #:

136836

Due Date Requested:

TAT Requested (days):

5 day

PO#:

31521.1000.44200

WO#:

Project #:

46020240

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

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817

Phone (732) 549-9900 Fax (732) 549-3679

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

OOC No:
460-85426-53442.1

Page: 4 of 4

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 ext 4569

Email:

rcamilli@chacompanies.com

Project Name:

Bergen County, NJ

Site:

Lab PW:	Stone, Judy L
Carrier Tracking No(s):	
Phone:	
E-Mail:	judy.stone@testamericaninc.com

Preservation Codes:	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 - Na2S2O3
	G - Ascorbic Acid	S - H2O2
	H - Ammonium	T - TSP Dodecylate
	I - Iodine	U - Acetone
	J - DI Water	V - MCAA
	K - EDTA	W - pH 4.5
	L - EDA	Z - other (specify)

Other:

Job #:

135836

Analysis Requested

Due Date Requested:

TAT Requested (days):

5 day

PO#:

31521.1000.44200

WO#:

46020240

Project#:

46020240

SSOW#:

Field Filtered Sample (Yes or No):

Sample

Filtered

Sample

Yes

or No)

Perform MS/MSD (Yes or No):

lead

Perform ICP Metals Single Element

Total Number of containers:

1

Hold ALL

"B"

Samples

44

42

41

40

39

38

37

36

35

34

33

32

31

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28

27

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Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Radicological

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

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: John Mess Date/Time: 6/20/17 1243 Company: TPA Received by: John Kelly Date/Time: 6/20/17 1243 Company: TPA

Relinquished by: John Kollings Date/Time: 6/20/17 1800 Company: TPA Received by: John Kelly Date/Time: 6/20/17 1243 Company: TPA

Custody Seats Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817

Edison, NJ 08817
Phone (732) 549-3900 Fax (732) 549-3679

Client Information

Ms. Rogina Camilli

Company:
CHA Inc

Address:

Client Information		Lab PM: Stone, Judy L		Carrier Tracking No(s): GOC No: 460-65426-53442-1																																																																									
Client Contact: Ms. Regina Camilli		E-Mail: judy.stone@diestamericainc.com		Page: 5 of 46																																																																									
Company: CHA Inc		Phone:		Job #: 136635																																																																									
Address: 111 Winters Circle PO BOX 5269 Albany, NY, 12205-0269		Due Date Requested:		TAT Requested (days): 5 Day																																																																									
State, Zip:				PO #: 31221.1000.44200																																																																									
Phone: 518-453-4500 ext 4569				WO #:																																																																									
Email: rcamilli@chacompanies.com				Project #: 46020240																																																																									
Project Name: Bergen County, NJ Site:				SSOW#:																																																																									
Analysis Requested																																																																													
<table border="1"> <thead> <tr> <th colspan="2">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=oceanic), B=tissue, A=air)</th> </tr> </thead> <tbody> <tr><td>P-333-KS-23B</td><td>6/20/2017</td><td>7:56</td><td>G</td><td>Water</td><td>X</td></tr> <tr><td>P-333-KS-24A</td><td></td><td>7:59</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-24B</td><td></td><td>8:00</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-25A</td><td></td><td>8:02</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-25B</td><td></td><td>8:03</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-26A</td><td></td><td>8:06</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-26B</td><td></td><td>8:07</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-27A</td><td></td><td>8:10</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-27B</td><td></td><td>8:13</td><td>✓</td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-28A</td><td></td><td>8:14</td><td></td><td>Water</td><td>1</td></tr> <tr><td>P-333-KS-28B</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oceanic), B=tissue, A=air)	P-333-KS-23B	6/20/2017	7:56	G	Water	X	P-333-KS-24A		7:59		Water	1	P-333-KS-24B		8:00		Water	1	P-333-KS-25A		8:02		Water	1	P-333-KS-25B		8:03		Water	1	P-333-KS-26A		8:06		Water	1	P-333-KS-26B		8:07		Water	1	P-333-KS-27A		8:10		Water	1	P-333-KS-27B		8:13	✓	Water	1	P-333-KS-28A		8:14		Water	1	P-333-KS-28B					
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oceanic), B=tissue, A=air)																																																																								
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P-333-KS-24A		7:59		Water	1																																																																								
P-333-KS-24B		8:00		Water	1																																																																								
P-333-KS-25A		8:02		Water	1																																																																								
P-333-KS-25B		8:03		Water	1																																																																								
P-333-KS-26A		8:06		Water	1																																																																								
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P-333-KS-27A		8:10		Water	1																																																																								
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P-333-KS-28A		8:14		Water	1																																																																								
P-333-KS-28B																																																																													
<table border="1"> <thead> <tr> <th colspan="2">Field Filtered Sample (Yes or No)</th> <th colspan="2">Perform ICP/MS/MS/MSD (Yes or No)</th> <th colspan="2">Total Number of containers</th> </tr> </thead> <tbody> <tr><td colspan="2">Yes</td><td colspan="2">Yes</td><td colspan="2">1</td></tr> <tr><td colspan="2">No</td><td colspan="2">No</td><td colspan="2">Hold ALL</td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">B</td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">Samples</td></tr> </tbody> </table>						Field Filtered Sample (Yes or No)		Perform ICP/MS/MS/MSD (Yes or No)		Total Number of containers		Yes		Yes		1		No		No		Hold ALL						B						Samples																																											
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<p>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</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>Deliverable Requested: I, II, III, IV, Other (specify)</p> <p>Empty Kit Relinquished by: _____</p> <p>Date: _____ Time: _____ Received by: _____</p> <p>Date/Time: 6/20/2017 1243 Company: CHA Date/Time: 6-20-17 1243 Company: CHA</p> <p>Relinquished by: Jim Krollin Received by: Jim Krollin</p> <p>Date/Time: 6-20-17 1800 Company: CHA Received by: Jim Krollin Date/Time: 6-20-17 1800 Company: CHA</p> <p>Cooler Temperature(s) °C and Other Remarks:</p>																																																																													

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

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
Company:
CH2 Inc

Address:
111 Winners Circle PO BOX 5269

Sampler:
Phone:
Lab P/M:
Stone, Judy L
E-Mail:
judy.stone@testamericainc.com

Carrier Tracking No(s):
COC No:
460-85426-534421

Page:
Page 6
Job #:
136636

Due Date Requested:		TAT Requested (days):	
		<i>5 day</i>	
PO#:		WO#:	
31521.1000.44200		31521.1000.44200	
Email:		Project#:	
camilli@ch2companies.com		46020240	
Site:		SSOW#:	

Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)	
lead		200.8 - ICP Metals Single Element	

Preservation Codes:	
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 - Na2S2O3
G - Anchors	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:	

Total Number of containers	
1	

Special Instructions/Note:	
<i>Hold ALL Samples</i>	

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, S=soln, G=grab, B=matrix, A=air)	Matrix (V=water, S=soln, G=grab, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Preservation Codes:	Total Number of containers	Special Instructions/Note:
P-333-KS-29A	6/26/2017	8:16	G	Water	X	D	A - HCl	1	
P-333-KS-29B		8:17	I	Water	/		B - NaOH		
P-333-KS-30A		8:22		Water	/		C - Zn Acetate		
P-333-KS-30B		8:23		Water			D - Nitric Acid		
P-333-KS-31A		8:25		Water			E - NaHSO4		
P-333-KS-31B		8:26		Water			F - MeOH		
P-333-KS-32A		8:27		Water			G - Anchors		
P-333-KS-32B		8:27		Water			H - Ascorbic Acid		
P-333-KS-33A		8:30		Water			I - Ice		
P-333-KS-33B		8:31		Water			J - DI Water		
							K - EDTA		
							L - EDA		
							M - Hexane		
							N - None		
							O - AsNaO2		
							P - Na2O4S		
							Q - Na2SO3		
							R - Na2S2O3		
							S - H2SO4		
							T - TSP Dodecahydrate		
							U - Acetone		
							V - MCAA		
							W - pH 4.5		
							Z - other (specify)		
							Other:		

Possible Hazard Identification

Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Empty Kit Relinquished by:

Date: *6/26/2017* Time: *1243*

Method of Shipment:

Received By: *Judy Stone* Date/Time: *6/26/2017 1243* Company: *TestAmerica*

Received By: *Judy Stone* Date/Time: *6/26/2017 1243* Company: *TestAmerica*

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Received By: *Judy Stone* Date/Time: *6/26/2017 1243* Company: *TestAmerica*

Received By:

TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number:

13C 83C

Number of Coolers:

1

IR Gun #:

1

TALS Sample Number	Cooler Temperatures																	
	Raw			Corrected			Raw			Corrected								
	Cooler #1	°C	Cooler #2	°C	Cooler #3	°C	Cooler #4	°C	Cooler #5	°C	Cooler #6	°C	Cooler #7	°C	Cooler #8	°C	Cooler #9	°C
1	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
2	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
3	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
4	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
5	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
6	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
7	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
8	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
9	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
10	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
12	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
13	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	

Sample No(s). adjusted:	If pH adjustments are required record the information below:											
	Preservative Name/Conc.:			Volume of Preservative used (ml):			Expiration Date:			Comments:		
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number: 130835

Number of Coolers:

IR Gun #:

TALS Sample Number	Cooler Temperatures													
	Ammonia (pH<2)	COD (pH<2)	Nitrate (pH<2)	Metals * (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH<2)	Total Phos (pH<2)	Other (pH<2)
14			<2											
16			<2											
17			<2											
18			<2											
19			<2											
20			<2											
21			<2											
22			<2											
23			<2											
24			<2											
26			<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
 * Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

13C836

Number of Coolers:

IRGM#

TALS Sample Number	Cooler Temperatures												Raw or Corrected										
	Cooler #1 °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C	Cooler #5 °C	Cooler #6 °C	Cooler #7 °C	Cooler #8 °C	Cooler #9 °C	Ammonia (pH<2)	COD (pH<2)	Nitrate (pH<2)	Metals * (pH>2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
37				<2																			
38				<2																			
39				<2																			
30																							
31																							
32																							
33																							
34																							
35																							
36																							
37																							
38																							
39																							

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

136836

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED	
Cooler#1	°C	°C	Cooler#4	°C	°C	Cooler#7	°C	°C	
Cooler#2	°C	°C	Cooler#5	°C	°C	Cooler#8	°C	°C	
Cooler#3	°C	°C	Cooler#6	°C	°C	Cooler#9	°C	°C	

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH<2)	EPH or QAM (pH 5-9)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH<2)	Total Phos (pH>12)	Other (pH<2)	Other
46			<2												
47			<2												
48			<2												
49			<2												
50			<2												
51			<2												
52			<2												
53			<2												
54			<2												
55			<2												
56			<2												
57			<2												
58			<2												
59			<2												
60			<2												
61			<2												
62			<2												

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____

Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number:

BC83

Number of Coolers:

IR Gun #

Cooler Temperatures

RAW		CORRECTED		RAW		CORRECTED		RAW		CORRECTED	
Cooler #1:	7.8 °C	Cooler #4:	7.8 °C	Cooler #5:	°C	Cooler #7:	°C	Cooler #8:	°C	Cooler #9:	°C
IR Gun #	8	IR Gun #	8	IR Gun #	°C						
Cooler #3:	°C	Cooler #6:	°C	Cooler #2:	°C	Cooler #5:	°C	Cooler #8:	°C	Cooler #9:	°C

TALS Sample Number	Ammonia	COD	Nitrite	Metals *	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	TOC	Total Cyanide	Total Phos	Other	Other
63	(pH<2)	(pH<2)	(pH>2)	<2	(pH<2)	(pH 5-9)	(pH>2)	(pH<2)	(pH>9)	(pH<2)	(pH>2)	(pH<2)	(pH>12)	(pH<2)	
59				<2											
66				<2											
66				<2											
57				<2											
67				<2											
66				<2											
66				<2											
62				<2											
63				<2											
64				<2											
66				<2											

If pH adjustments are required record the information below:

Sample No(s), adjusted:

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 460-135835-2

Login Number: 135835

List Source: TestAmerica Edison

List Number: 1

Creator: Meyers, Gary

Question	Answer	Comment	
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A		1
The cooler's custody seal, if present, is intact.	True	848705	2
Sample custody seals, if present, are intact.	True		3
The cooler or samples do not appear to have been compromised or tampered with.	True		4
Samples were received on ice.	True		5
Cooler Temperature is acceptable.	False		6
Cooler Temperature is recorded.	True	7.8 ° C IR #8	7
COC is present.	True		8
COC is filled out in ink and legible.	True		9
COC is filled out with all pertinent information.	True		10
Is the Field Sampler's name present on COC?	True		11
There are no discrepancies between the containers received and the COC.	True		12
Samples are received within Holding Time (excluding tests with immediate HTs)	True		13
Sample containers have legible labels.	True		14
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	No analysis requiring residual chlorine check assigned.	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-135786-1

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

6/28/2017 6:49:13 PM

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 Schools

TestAmerica Job ID: 460-135786-1

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.
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 Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit

ML Minimum Level (Dioxin)

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

PQL Practical Quantitation Limit

QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)

TEQ Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Job ID: 460-135786-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative 460-135786-1

Receipt

The samples were received on 6/21/2017 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° 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 Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-DW-13A

Lab Sample ID: 460-135786-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-DW-14A

Lab Sample ID: 460-135786-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.98	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-DW-15A

Lab Sample ID: 460-135786-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.78	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-WC-16A

Lab Sample ID: 460-135786-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.67	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-DW-8A

Lab Sample ID: 460-135786-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.0		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-WC-9A

Lab Sample ID: 460-135786-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.94	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-NS-10A

Lab Sample ID: 460-135786-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.4		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-DW-11A

Lab Sample ID: 460-135786-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.3		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-TL-12A

Lab Sample ID: 460-135786-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.69	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-IM-1A

Lab Sample ID: 460-135786-20

No Detections.

Client Sample ID: P-355-DW-2A

Lab Sample ID: 460-135786-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.3		2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Detection Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-KS-3A

Lab Sample ID: 460-135786-23

No Detections.

Client Sample ID: P-355-KS-4A

Lab Sample ID: 460-135786-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.3	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-WC-5A

Lab Sample ID: 460-135786-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.94	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-DW-6A

Lab Sample ID: 460-135786-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-355-TL-7A

Lab Sample ID: 460-135786-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.2		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-327-KS-1A

Lab Sample ID: 460-135786-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.79	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-327-KS-2A

Lab Sample ID: 460-135786-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-327-IM-3A

Lab Sample ID: 460-135786-36

No Detections.

Client Sample ID: P-327-DW-4A

Lab Sample ID: 460-135786-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.33	J	2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: P-321-KS-1A

Lab Sample ID: 460-135786-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.7		2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-DW-13A

Date Collected: 06/20/17 07:05
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-2

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5		2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:08	1

Client Sample ID: P-355-DW-14A

Date Collected: 06/20/17 07:08
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-4

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.98	J	2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:02	1

Client Sample ID: P-355-DW-15A

Date Collected: 06/20/17 07:13
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-6

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.78	J	2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:11	1

Client Sample ID: P-355-WC-16A

Date Collected: 06/20/17 07:16
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-8

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.67	J	2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:14	1

Client Sample ID: P-355-DW-8A

Date Collected: 06/20/17 06:45
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.0		2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:17	1

Client Sample ID: P-355-WC-9A

Date Collected: 06/20/17 06:48
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.94	J	2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:27	1

Client Sample ID: P-355-NS-10A

Date Collected: 06/20/17 06:52
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-15

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.4		2.0	0.16	ug/L		06/23/17 09:56	06/23/17 13:30	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-DW-11A

Lab Sample ID: 460-135786-17

Matrix: Water

Date Collected: 06/20/17 06:54
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.3		2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:33	1

Client Sample ID: P-355-TL-12A

Lab Sample ID: 460-135786-19

Matrix: Water

Date Collected: 06/20/17 07:03
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.69	J	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:36	1

Client Sample ID: P-355-IM-1A

Lab Sample ID: 460-135786-20

Matrix: Water

Date Collected: 06/20/17 06:10
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:39	1

Client Sample ID: P-355-DW-2A

Lab Sample ID: 460-135786-21

Matrix: Water

Date Collected: 06/20/17 06:14
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.3		2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:42	1

Client Sample ID: P-355-KS-3A

Lab Sample ID: 460-135786-23

Matrix: Water

Date Collected: 06/20/17 06:23
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:45	1

Client Sample ID: P-355-KS-4A

Lab Sample ID: 460-135786-25

Matrix: Water

Date Collected: 06/20/17 06:27
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3	J	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:51	1

Client Sample ID: P-355-WC-5A

Lab Sample ID: 460-135786-27

Matrix: Water

Date Collected: 06/20/17 06:29
Date Received: 06/21/17 15:00

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.94	J	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 13:54	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-DW-6A

Date Collected: 06/20/17 06:31
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-29

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	J	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 14:03	1

Client Sample ID: P-355-TL-7A

Date Collected: 06/20/17 06:37
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-31

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.2		2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 14:06	1

Client Sample ID: P-327-KS-1A

Date Collected: 06/20/17 07:36
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-32

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.79	J	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 14:10	1

Client Sample ID: P-327-KS-2A

Date Collected: 06/20/17 07:39
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-34

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.8		2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 14:13	1

Client Sample ID: P-327-IM-3A

Date Collected: 06/20/17 07:41
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-36

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 14:16	1

Client Sample ID: P-327-DW-4A

Date Collected: 06/20/17 07:44
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-37

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.33	J	2.0	0.16	ug/L	D	06/23/17 09:56	06/23/17 14:19	1

Client Sample ID: P-321-KS-1A

Date Collected: 06/20/17 07:53
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-39

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.7		2.0	0.16	ug/L	D	06/23/17 10:04	06/28/17 09:33	1

TestAmerica Edison

QC Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-445377/1-A

Matrix: Water

Analysis Batch: 445460

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445377

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.16	U	2.0	0.16	ug/L		06/23/17 09:56	06/23/17 12:50	1

Lab Sample ID: LCS 460-445377/2-A

Matrix: Water

Analysis Batch: 445460

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445377

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added							
Lead		5.00	4.95		ug/L		99	85 - 115

Lab Sample ID: 460-135786-4 MS

Matrix: Water

Analysis Batch: 445460

Client Sample ID: P-355-DW-14A

Prep Type: Total/NA

Prep Batch: 445377

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier							
Lead	0.98	J	5.00	6.11		ug/L		102	70 - 130

Lab Sample ID: 460-135786-23 MS

Matrix: Water

Analysis Batch: 445460

Client Sample ID: P-355-KS-3A

Prep Type: Total/NA

Prep Batch: 445377

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier							
Lead	0.16	U	5.00	5.35		ug/L		107	70 - 130

Lab Sample ID: 460-135786-4 DU

Matrix: Water

Analysis Batch: 445460

Client Sample ID: P-355-DW-14A

Prep Type: Total/NA

Prep Batch: 445377

Analyte	Sample		DU Result	DU Qualifier	Unit	D	RPD	Limit
	Result	Qualifier						
Lead	0.98	J	1.01	J	ug/L		3	20

Lab Sample ID: MB 460-445378/1-A

Matrix: Water

Analysis Batch: 446372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 445378

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.16	U	2.0	0.16	ug/L		06/23/17 10:04	06/28/17 09:21	1

Lab Sample ID: LCS 460-445378/2-A

Matrix: Water

Analysis Batch: 446372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 445378

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added							
Lead		5.00	5.38		ug/L		108	85 - 115

Lab Sample ID: 460-135786-39 MS

Matrix: Water

Analysis Batch: 446372

Client Sample ID: P-321-KS-1A

Prep Type: Total/NA

Prep Batch: 445378

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier							
Lead	2.7		5.00	7.69		ug/L		100	70 - 130

TestAmerica Edison

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Lab Sample ID: 460-135786-39 DU

Matrix: Water

Analysis Batch: 446372

Client Sample ID: P-321-KS-1A

Prep Type: Total/NA

Prep Batch: 445378

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Lead	2.7		2.69		ug/L		0.7	20

1

2

3

4

5

6

7

8

9

10

11

12

13

14

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Metals

Prep Batch: 445377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135786-2	P-355-DW-13A	Total/NA	Water	200	5
460-135786-4	P-355-DW-14A	Total/NA	Water	200	6
460-135786-6	P-355-DW-15A	Total/NA	Water	200	7
460-135786-8	P-355-WC-16A	Total/NA	Water	200	8
460-135786-11	P-355-DW-8A	Total/NA	Water	200	9
460-135786-13	P-355-WC-9A	Total/NA	Water	200	10
460-135786-15	P-355-NS-10A	Total/NA	Water	200	11
460-135786-17	P-355-DW-11A	Total/NA	Water	200	12
460-135786-19	P-355-TL-12A	Total/NA	Water	200	13
460-135786-20	P-355-IM-1A	Total/NA	Water	200	14
460-135786-21	P-355-DW-2A	Total/NA	Water	200	
460-135786-23	P-355-KS-3A	Total/NA	Water	200	
460-135786-25	P-355-KS-4A	Total/NA	Water	200	
460-135786-27	P-355-WC-5A	Total/NA	Water	200	
460-135786-29	P-355-DW-6A	Total/NA	Water	200	
460-135786-31	P-355-TL-7A	Total/NA	Water	200	
460-135786-32	P-327-KS-1A	Total/NA	Water	200	
460-135786-34	P-327-KS-2A	Total/NA	Water	200	
460-135786-36	P-327-IM-3A	Total/NA	Water	200	
460-135786-37	P-327-DW-4A	Total/NA	Water	200	
MB 460-445377/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445377/2-A	Lab Control Sample	Total/NA	Water	200	
460-135786-4 MS	P-355-DW-14A	Total/NA	Water	200	
460-135786-23 MS	P-355-KS-3A	Total/NA	Water	200	
460-135786-4 DU	P-355-DW-14A	Total/NA	Water	200	

Prep Batch: 445378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135786-39	P-321-KS-1A	Total/NA	Water	200	
MB 460-445378/1-A	Method Blank	Total/NA	Water	200	
LCS 460-445378/2-A	Lab Control Sample	Total/NA	Water	200	
460-135786-39 MS	P-321-KS-1A	Total/NA	Water	200	
460-135786-39 DU	P-321-KS-1A	Total/NA	Water	200	

Analysis Batch: 445460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135786-2	P-355-DW-13A	Total/NA	Water	200.8	445377
460-135786-4	P-355-DW-14A	Total/NA	Water	200.8	445377
460-135786-6	P-355-DW-15A	Total/NA	Water	200.8	445377
460-135786-8	P-355-WC-16A	Total/NA	Water	200.8	445377
460-135786-11	P-355-DW-8A	Total/NA	Water	200.8	445377
460-135786-13	P-355-WC-9A	Total/NA	Water	200.8	445377
460-135786-15	P-355-NS-10A	Total/NA	Water	200.8	445377
460-135786-17	P-355-DW-11A	Total/NA	Water	200.8	445377
460-135786-19	P-355-TL-12A	Total/NA	Water	200.8	445377
460-135786-20	P-355-IM-1A	Total/NA	Water	200.8	445377
460-135786-21	P-355-DW-2A	Total/NA	Water	200.8	445377
460-135786-23	P-355-KS-3A	Total/NA	Water	200.8	445377
460-135786-25	P-355-KS-4A	Total/NA	Water	200.8	445377
460-135786-27	P-355-WC-5A	Total/NA	Water	200.8	445377
460-135786-29	P-355-DW-6A	Total/NA	Water	200.8	445377

TestAmerica Edison

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Metals (Continued)

Analysis Batch: 445460 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135786-31	P-355-TL-7A	Total/NA	Water	200.8	445377
460-135786-32	P-327-KS-1A	Total/NA	Water	200.8	445377
460-135786-34	P-327-KS-2A	Total/NA	Water	200.8	445377
460-135786-36	P-327-IM-3A	Total/NA	Water	200.8	445377
460-135786-37	P-327-DW-4A	Total/NA	Water	200.8	445377
MB 460-445377/1-A	Method Blank	Total/NA	Water	200.8	445377
LCS 460-445377/2-A	Lab Control Sample	Total/NA	Water	200.8	445377
460-135786-4 MS	P-355-DW-14A	Total/NA	Water	200.8	445377
460-135786-23 MS	P-355-KS-3A	Total/NA	Water	200.8	445377
460-135786-4 DU	P-355-DW-14A	Total/NA	Water	200.8	445377

Analysis Batch: 446372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-135786-39	P-321-KS-1A	Total/NA	Water	200.8	445378
MB 460-445378/1-A	Method Blank	Total/NA	Water	200.8	445378
LCS 460-445378/2-A	Lab Control Sample	Total/NA	Water	200.8	445378
460-135786-39 MS	P-321-KS-1A	Total/NA	Water	200.8	445378
460-135786-39 DU	P-321-KS-1A	Total/NA	Water	200.8	445378

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-DW-13A

Date Collected: 06/20/17 07:05

Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:08	MDC	TAL EDI

Client Sample ID: P-355-DW-14A

Date Collected: 06/20/17 07:08

Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:02	MDC	TAL EDI

Client Sample ID: P-355-DW-15A

Date Collected: 06/20/17 07:13

Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:11	MDC	TAL EDI

Client Sample ID: P-355-WC-16A

Date Collected: 06/20/17 07:16

Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:14	MDC	TAL EDI

Client Sample ID: P-355-DW-8A

Date Collected: 06/20/17 06:45

Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:17	MDC	TAL EDI

Client Sample ID: P-355-WC-9A

Date Collected: 06/20/17 06:48

Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:27	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-NS-10A

Date Collected: 06/20/17 06:52
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:30	MDC	TAL EDI

Client Sample ID: P-355-DW-11A

Date Collected: 06/20/17 06:54
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:33	MDC	TAL EDI

Client Sample ID: P-355-TL-12A

Date Collected: 06/20/17 07:03
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:36	MDC	TAL EDI

Client Sample ID: P-355-IM-1A

Date Collected: 06/20/17 06:10
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:39	MDC	TAL EDI

Client Sample ID: P-355-DW-2A

Date Collected: 06/20/17 06:14
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:42	MDC	TAL EDI

Client Sample ID: P-355-KS-3A

Date Collected: 06/20/17 06:23
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:45	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-355-KS-4A

Date Collected: 06/20/17 06:27
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:51	MDC	TAL EDI

Client Sample ID: P-355-WC-5A

Date Collected: 06/20/17 06:29
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 13:54	MDC	TAL EDI

Client Sample ID: P-355-DW-6A

Date Collected: 06/20/17 06:31
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 14:03	MDC	TAL EDI

Client Sample ID: P-355-TL-7A

Date Collected: 06/20/17 06:37
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 14:06	MDC	TAL EDI

Client Sample ID: P-327-KS-1A

Date Collected: 06/20/17 07:36
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 14:10	MDC	TAL EDI

Client Sample ID: P-327-KS-2A

Date Collected: 06/20/17 07:39
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 14:13	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Client Sample ID: P-327-IM-3A

Date Collected: 06/20/17 07:41
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 14:16	MDC	TAL EDI

Client Sample ID: P-327-DW-4A

Date Collected: 06/20/17 07:44
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445377	06/23/17 09:56	MDC	TAL EDI
Total/NA	Analysis	200.8		1	445460	06/23/17 14:19	MDC	TAL EDI

Client Sample ID: P-321-KS-1A

Date Collected: 06/20/17 07:53
Date Received: 06/21/17 15:00

Lab Sample ID: 460-135786-39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			445378	06/23/17 10:04	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446372	06/28/17 09:33	MDC	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

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Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-135786-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-135786-2	P-355-DW-13A	Water	06/20/17 07:05	06/21/17 15:00
460-135786-4	P-355-DW-14A	Water	06/20/17 07:08	06/21/17 15:00
460-135786-6	P-355-DW-15A	Water	06/20/17 07:13	06/21/17 15:00
460-135786-8	P-355-WC-16A	Water	06/20/17 07:16	06/21/17 15:00
460-135786-11	P-355-DW-8A	Water	06/20/17 06:45	06/21/17 15:00
460-135786-13	P-355-WC-9A	Water	06/20/17 06:48	06/21/17 15:00
460-135786-15	P-355-NS-10A	Water	06/20/17 06:52	06/21/17 15:00
460-135786-17	P-355-DW-11A	Water	06/20/17 06:54	06/21/17 15:00
460-135786-19	P-355-TL-12A	Water	06/20/17 07:03	06/21/17 15:00
460-135786-20	P-355-IM-1A	Water	06/20/17 06:10	06/21/17 15:00
460-135786-21	P-355-DW-2A	Water	06/20/17 06:14	06/21/17 15:00
460-135786-23	P-355-KS-3A	Water	06/20/17 06:23	06/21/17 15:00
460-135786-25	P-355-KS-4A	Water	06/20/17 06:27	06/21/17 15:00
460-135786-27	P-355-WC-5A	Water	06/20/17 06:29	06/21/17 15:00
460-135786-29	P-355-DW-6A	Water	06/20/17 06:31	06/21/17 15:00
460-135786-31	P-355-TL-7A	Water	06/20/17 06:37	06/21/17 15:00
460-135786-32	P-327-KS-1A	Water	06/20/17 07:36	06/21/17 15:00
460-135786-34	P-327-KS-2A	Water	06/20/17 07:39	06/21/17 15:00
460-135786-36	P-327-IM-3A	Water	06/20/17 07:41	06/21/17 15:00
460-135786-37	P-327-DW-4A	Water	06/20/17 07:44	06/21/17 15:00
460-135786-39	P-321-KS-1A	Water	06/20/17 07:53	06/21/17 15:00

TestAmerica Edison

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TestAmerica

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 4

**5-Day
RUSH**

Durham Road
Jersey 08817

549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice)
Karen Amill

Company
CHA Consulting

Address
III winners circle

City
Alden NY

State
12005

Phone
(518)453-4561

Fax
ramill@chaconsulting.com

Samplers Name (Printed)
K. Merrick

P. O. #
31581

Analysis Turnaround Time
Standard Rush Charges Authorized For:
1 Week 2 Week Other Hold

ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)					
No. of	Date	Time	Matrix	Cont.	Sample Numbers
1	6/20/17	7:04	DW	1	X 1 HOLD
2		7:05		1	2 HOLD
3		7:06		1	3 HOLD
4		7:08		1	4 HOLD
5		7:09		1	5 HOLD
6		7:13		1	6 HOLD
7		7:14		1	7 HOLD
8		7:16		1	8 HOLD
9		7:17		1	9 HOLD
-					-

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH

Soil:
4

Water:
4

6 = Other _____, 7 = Other _____

Special Instructions Hold all "B" Samples

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Wally West	CHA	6/20/17 1243	Tim Krollman	TA
Relinquished by	Company	Date / Time	Received by	Company
Tim Krollman	TA	6-20-17 1:18pm	Tim Krollman	TA
Relinquished by	Company	Date / Time	Received by	Company
Relinquished by	Company	Date / Time	Received by	Company
Relinquished by	Company	Date / Time	Received by	Company

1)		6/20/17 1243	1)		6-20-17 1243
2)		6-20-17 1:18pm	2)		6-20-17 1:18pm
3)			3)		6-20-17 1:18pm
4)			4)		6-20-17 1:18pm
Laboratory Certifications:	Nev	460-135786 Chain of Custody			

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 2 of 4

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

Name (for report and invoice) Karen Camilli Company CHP CREDITORS CIRCLE Address Albany NY 12205 City State Phone (518)453-4569 Fax camilli@chpcircle.com	Sampler's Name (Printed) R. Hemick	Site Project Identification Bergen County Schools			
P. O. # 31521	State (Location of site): NY: <input type="checkbox"/> NY: <input checked="" type="checkbox"/> Other: <input type="checkbox"/>	Regulatory Program: <input type="checkbox"/>			
Analysis Turnaround Time Standard <input type="checkbox"/> 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input checked="" type="checkbox"/> Hold		ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)			
		Lead (200.8)			
Sample Identification	Date 6/26/17	Time 6:38 AM	Matrix Dro	No. or Cont. 1	Sample Numbers 16 HOLD
P-355-TL-7B	6/26/17	6:45		1	"
P-355-DL-8A	6/26/17	6:46		1	12 HOLD
P-355-DL-8B	6/26/17	6:46		1	13
P-355-WC-9A	6/26/17	6:48		1	14 HOLD
P-355-WC-9B	6/26/17	6:49		1	"
P-355-NS-10A	6/26/17	6:52		1	15 HOLD
P-355-NS-10B	6/26/17	6:53		1	"
P-355-DL-11A	6/26/17	6:54		1	17
P-355-DL-11B	6/26/17	6:55		1	18 HOLD
P-355-TL-12A	6/26/17	7:03		1	19
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____, 7 = Other _____		Soil: 4	Water: 4		
Special Instructions HOLD all "11B" SAMPLES					
Relinquished by Karen Melt	Company CHP	Date / Time 6/26/17 1243	Received by Tim Krollman	Company TA	Water Metals Filtered (Yes/No)? 6-20-17 1243
Relinquished by Tim Krollman	Company TA	Date / Time 6-20-17 1800	Received by Patricia Murphy	Company TM	6-20-17 1800
Relinquished by 3)	Company	Date / Time	Received by 3)	Company	
Relinquished by 4)	Company	Date / Time 4)	Received by	Company	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (IPH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

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Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes No

TestAmerica

136766

6/28/2017

TAL-4124 (1007)

CHP CrossHOB
III winners Circle
Project Name and Location (State)
Albany NY 12205
Beacon Central Schools
Contract Purchase Order/Quote No.

Project Manager Jody Stone Date 01/25/17 Chain of Custody Number 247870
 Telephone Number (Area Code)/Fax Number (518) 453-4569 Lab Number 3 or 4
 Site Contact Roger Camillo Carrier/Mailbill Number _____
 Analysis (Attach list if more space is needed)

Sample I.D. No. and Description
(Containers for each sample may be combined on one line)

Date 6/20/17 Time 6:10 Matrix _____
 Air Aqueous Sed. Soil
 Unpres. H2SO4 HNO3 HCl
 NaOH ZnAc/
 NaOH

Lead (200.8)

Special Instructions/
Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix	Containers & Preservatives	Special Instructions/ Conditions of Receipt
P-355-IM-1A	6/20/17	6:10	X	Q	20
P-355-DW-2A		6:14		1	21
P-355-DW-2B		6:15		1	22 HOLD
P-355-HS-3A		6:23		1	23
P-355-HS-3B		6:24		1	24 HOLD
P-355-HS-4A		6:27		1	25 HOLD
P-355-HS-4B		6:28		1	26 HOLD
P-355-WC-5A		6:29		1	27
P-355-WC-5B		6:30		1	28 HOLD
P-355-DW-6A		6:31		1	29
P-355-DW-6B		6:32		1	30 HOLD
P-355-TL-7A	✓	6:37	✓	1	31
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison A <input type="checkbox"/> Unknown <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months _____ (A fee may be assessed if samples are retained)					
Turn Around Time Required <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 7 Days <input type="checkbox"/> 14 Days <input type="checkbox"/> 21 Days <input checked="" type="checkbox"/> Other <u>5 Days</u> AC Requirements (Specify)					
1. Relinquished By <u>Kelly Meek - CHP</u> Date <u>6/20/17</u> Time <u>1243</u> 2. Relinquished By <u>Tina Knoellmeyer</u> Date <u>6/20/17</u> Time <u>1800</u> 3. Relinquished By <u>John Mays</u> Date _____ Time _____					
Comments _____					

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 4 of 4

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

ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)						
Sample Identification		Date	Time	Matrix	No. of Cont.	Sample Numbers
P-327 - KS - 1A		6/20/17	7:36	DW	1	32
P-327 - KS - 1B			7:37		1	33
P-327 - KS - 2A			7:39		1	34
P-327 - KS - 2B			7:40		1	35
P-327 - IN - 3A			7:41		2	36
P-327 - IN - 4A			7:44		1	37
P-327 - IN - 4B			7:45		1	38
P-321 - KS - 1A		6/20/17	7:53	DW	1	39
P-321 - KS - 1B			7:54		1	40
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:				HOLD
		Water:	4			
Water Metals Filtered (Yes/No)?						
Relinquished by	Company	Date / Time	Received by	Company		
<u>Karen West</u>	<u>CH2</u>	<u>6/20/17 1243</u>	<u>Tim Kroll</u>	<u>TA</u>	<u>6-20-17 1243</u>	
Relinquished by	Company	Date / Time	Received by	Company		
<u>Tim Kroll</u>	<u>TA</u>	<u>6-20-17 1243</u>	<u>Tim Kroll</u>	<u>TA</u>	<u>6/21/17</u>	
Relinquished by	Company	Date / Time	Received by	Company		
<u></u>	<u></u>	<u>3)</u>	<u></u>	<u>K-60</u>		
Relinquished by	Company	Date / Time	Received by	Company		
<u></u>	<u></u>	<u>4)</u>	<u></u>	<u></u>		

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

135 766

Number of Coolers: 1 IR Gun # 18

Number of Coolers:		IR Gun #	
Cooler #1:	2-a °C	Cooler #4:	2-a °C
Cooler #2:	2-a °C	Cooler #5:	2-a °C
Cooler #3:	2-a °C	Cooler #6:	2-a °C
Cooler #7:	2-a °C	Cooler #8:	2-a °C
Cooler #9:	2-a °C	Cooler #10:	2-a °C

TALS Sample Number	Cooler Temperatures											
	RAW			CORRECTED			RAW			CORRECTED		
Ammonia	COD	Nitrate	Metals	Hardness	Pest	QAM	Phenols	Sulfide	TKN	TOC	Cyanide	Total Phos
1	(pH<2)	(pH<2)	<2	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)
2			<2									
3			<2									
4			<2									
5			<2									
6			<2									
7			<2									
8			<2									
9			<2									
10			<2									
11			<2									
12			<2									
13			<2									

If pH adjustments are required record the information below:												
Sample No(s). adjusted:												
Preservative Name/Conc.:												
Lot # of Preservative(s):												
Expiration Date:												

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page _____ of _____

Job Number:

136766

Number of Coolers:

IR Gun # _____

Cooler Temperatures

Cools Sample Number	Raw		Corrected		Cools Sample Number	Raw		Corrected		Cools Sample Number	Raw		Corrected	
	°C	°F	°C	°F		°C	°F	°C	°F		°C	°F	°C	°F
Cooler#1	14	57	14	57	Cooler#4	14	57	14	57	Cooler#7	14	57	14	57
Cooler#2	14	57	14	57	Cooler#5	14	57	14	57	Cooler#8	14	57	14	57
Cooler#3	14	57	14	57	Cooler#6	14	57	14	57	Cooler#9	14	57	14	57

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrite (pH<2)	Metals * (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH<12)	Total Phos (pH<2)	Other Other
14			<2											
15			<2											
16			<2											
17			<2											
18			<2											
19			<2											
20			<2											
21			<2											
22			<2											
23			<2											
24			<2											
25			<2											
26			<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

136766

Number of Coolers:

IR Gun#

Number of Coolers:

Cooler Temperatures

TALS Sample Number	Raw			Corrected			Raw			Corrected			Raw			Corrected		
	Cooler #1 °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C	Cooler #5 °C	Cooler #6 °C	Cooler #7 °C	Cooler #8 °C	Cooler #9 °C	Cooler #10 °C	Cooler #11 °C	Cooler #12 °C	Cooler #13 °C	Cooler #14 °C	Cooler #15 °C	Cooler #16 °C		
37	(pH<2)	(pH<2)	(pH<2)	<2	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH>9)	(pH<2)								
38				<2														
39				<2														
3a				<2														
31				<2														
32				<2														
33				<2														
34				<2														
35				<2														
36				<2														
37				<2														

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.*** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Expiration Date:

____/____/____

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 460-135786-1

Login Number: 135786

List Source: TestAmerica Edison

List Number: 1

Creator: Meyers, Gary

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	848707
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	2.0 ° C IR #8
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	No analysis requiring residual chlorine check assigned.

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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: 480-120132-1

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle
PO BOX 5269
Albany, New York 12205-0269

Attn: Ms. Rogina Camilli

Judy Stone

Authorized for release by:

6/30/2017 11:30:39 AM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

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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 Schools

TestAmerica Job ID: 480-120132-1

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.
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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Job ID: 480-120132-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-120132-1

Receipt

The samples were received on 6/24/2017 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 0.1° C, 0.2° C, 0.2° C, 0.3° C, 0.3° C and 0.4° 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 Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: H-293-KS05A **Lab Sample ID: 480-120132-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	25.5		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-293-KS06A **Lab Sample ID: 480-120132-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	99.2		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-334-NS01A **Lab Sample ID: 480-120132-6**

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: H-334-DW02A **Lab Sample ID: 480-120132-8**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.20	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-334-DW03A **Lab Sample ID: 480-120132-10**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.33	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-334-DW04A **Lab Sample ID: 480-120132-12**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.82	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-334-KS05A **Lab Sample ID: 480-120132-14**

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: S-492-DW01A **Lab Sample ID: 480-120132-16**

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

Client Sample ID: S-492-IM02A **Lab Sample ID: 480-120132-18**

No Detections.

Client Sample ID: S-492-KS03A **Lab Sample ID: 480-120132-19**

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: S-492-DW-04A **Lab Sample ID: 480-120132-21**

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: S-492-NS05A

Lab Sample ID: 480-120132-23

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

Client Sample ID: S-492-TL06A

Lab Sample ID: 480-120132-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.57	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: S-492-DW07A

Lab Sample ID: 480-120132-27

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: G-27-KS01A

Lab Sample ID: 480-120132-29

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

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: H-293-KS05A **Lab Sample ID: 480-120132-2**

Date Collected: 06/23/17 07:36

Date Received: 06/24/17 02:30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	25.5		1.0	0.17	ug/L		06/26/17 14:50	06/28/17 23:41	1

Client Sample ID: H-293-KS06A **Lab Sample ID: 480-120132-4**

Date Collected: 06/23/17 07:38

Date Received: 06/24/17 02:30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	99.2		1.0	0.17	ug/L		06/26/17 14:50	06/28/17 23:44	1

Client Sample ID: H-334-NS01A **Lab Sample ID: 480-120132-6**

Date Collected: 06/23/17 07:55

Date Received: 06/24/17 02:30

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		06/26/17 14:50	06/28/17 23:47	1

Client Sample ID: H-334-DW02A **Lab Sample ID: 480-120132-8**

Date Collected: 06/23/17 07:57

Date Received: 06/24/17 02:30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	J	1.0	0.17	ug/L		06/26/17 14:50	06/28/17 23:50	1

Client Sample ID: H-334-DW03A **Lab Sample ID: 480-120132-10**

Date Collected: 06/23/17 07:59

Date Received: 06/24/17 02:30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.33	J	1.0	0.17	ug/L		06/26/17 14:35	06/28/17 21:33	1

Client Sample ID: H-334-DW04A **Lab Sample ID: 480-120132-12**

Date Collected: 06/23/17 08:01

Date Received: 06/24/17 02:30

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.82	J	1.0	0.17	ug/L		06/26/17 14:35	06/28/17 21:36	1

Client Sample ID: H-334-KS05A **Lab Sample ID: 480-120132-14**

Date Collected: 06/23/17 08:03

Date Received: 06/24/17 02:30

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		06/26/17 14:35	06/28/17 21:38	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: S-492-DW01A

Date Collected: 06/23/17 08:40
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-16

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.50	J	1.0	0.17	ug/L		06/26/17 14:35	06/28/17 21:56	1

Client Sample ID: S-492-IM02A

Date Collected: 06/23/17 08:42
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-18

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		06/26/17 14:35	06/28/17 21:59	1

Client Sample ID: S-492-KS03A

Date Collected: 06/23/17 08:44
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-19

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		06/26/17 14:35	06/28/17 22:02	1

Client Sample ID: S-492-DW-04A

Date Collected: 06/23/17 08:48
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-21

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		06/26/17 14:35	06/28/17 22:04	1

Client Sample ID: S-492-NS05A

Date Collected: 06/23/17 08:51
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-23

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3		1.0	0.17	ug/L		06/26/17 14:35	06/28/17 22:07	1

Client Sample ID: S-492-TL06A

Date Collected: 06/23/17 08:55
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-25

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.57	J	1.0	0.17	ug/L		06/26/17 14:35	06/28/17 22:10	1

Client Sample ID: S-492-DW07A

Date Collected: 06/23/17 08:58
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-27

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		06/26/17 14:35	06/28/17 22:13	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: G-27-KS01A
Date Collected: 06/23/17 09:51
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-29
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		06/26/17 14:35	06/28/17 22:15	1

QC Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-364009/1-A

Matrix: Water

Analysis Batch: 364700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 364009

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		06/26/17 14:35	06/28/17 21:27	1

Lab Sample ID: LCS 480-364009/2-A

Matrix: Water

Analysis Batch: 364700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 364009

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead		20.0	21.18		ug/L		106	85 - 115	

Lab Sample ID: 480-120132-14 MS

Matrix: Water

Analysis Batch: 364700

Client Sample ID: H-334-KS05A

Prep Type: Total/NA

Prep Batch: 364009

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	1.2		20.0	21.79		ug/L		103	70 - 130	

Lab Sample ID: 480-120132-14 MSD

Matrix: Water

Analysis Batch: 364700

Client Sample ID: H-334-KS05A

Prep Type: Total/NA

Prep Batch: 364009

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD
	Result	Qualifier								
Lead	1.2		20.0	21.18		ug/L		100	70 - 130	3

Lab Sample ID: MB 480-364010/1-A

Matrix: Water

Analysis Batch: 364700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 364010

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.17	U	1.0	0.17	ug/L		06/26/17 14:50	06/28/17 22:41	1

Lab Sample ID: LCS 480-364010/2-A

Matrix: Water

Analysis Batch: 364700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 364010

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Lead		20.0	21.48		ug/L		107	85 - 115	

Lab Sample ID: 480-120132-8 MS

Matrix: Water

Analysis Batch: 364700

Client Sample ID: H-334-DW02A

Prep Type: Total/NA

Prep Batch: 364010

Analyte	Sample		Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier								
Lead	0.20	J	20.0	20.48		ug/L		101	70 - 130	

Lab Sample ID: 480-120132-8 MSD

Matrix: Water

Analysis Batch: 364700

Client Sample ID: H-334-DW02A

Prep Type: Total/NA

Prep Batch: 364010

Analyte	Sample		Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD
	Result	Qualifier								
Lead	0.20	J	20.0	20.83		ug/L		103	70 - 130	2

TestAmerica Buffalo

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

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QC Association Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Metals

Prep Batch: 364009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120132-10	H-334-DW03A	Total/NA	Water	200 Series	5
480-120132-12	H-334-DW04A	Total/NA	Water	200 Series	5
480-120132-14	H-334-KS05A	Total/NA	Water	200 Series	5
480-120132-16	S-492-DW01A	Total/NA	Water	200 Series	6
480-120132-18	S-492-IM02A	Total/NA	Water	200 Series	6
480-120132-19	S-492-KS03A	Total/NA	Water	200 Series	6
480-120132-21	S-492-DW-04A	Total/NA	Water	200 Series	7
480-120132-23	S-492-NS05A	Total/NA	Water	200 Series	7
480-120132-25	S-492-TL06A	Total/NA	Water	200 Series	7
480-120132-27	S-492-DW07A	Total/NA	Water	200 Series	8
480-120132-29	G-27-KS01A	Total/NA	Water	200 Series	8
MB 480-364009/1-A	Method Blank	Total/NA	Water	200 Series	10
LCS 480-364009/2-A	Lab Control Sample	Total/NA	Water	200 Series	11
480-120132-14 MS	H-334-KS05A	Total/NA	Water	200 Series	11
480-120132-14 MSD	H-334-KS05A	Total/NA	Water	200 Series	12

Prep Batch: 364010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120132-2	H-293-KS05A	Total/NA	Water	200 Series	13
480-120132-4	H-293-KS06A	Total/NA	Water	200 Series	13
480-120132-6	H-334-NS01A	Total/NA	Water	200 Series	14
480-120132-8	H-334-DW02A	Total/NA	Water	200 Series	14
MB 480-364010/1-A	Method Blank	Total/NA	Water	200 Series	14
LCS 480-364010/2-A	Lab Control Sample	Total/NA	Water	200 Series	14
480-120132-8 MS	H-334-DW02A	Total/NA	Water	200 Series	14
480-120132-8 MSD	H-334-DW02A	Total/NA	Water	200 Series	14

Analysis Batch: 364700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120132-2	H-293-KS05A	Total/NA	Water	200.8	364010
480-120132-4	H-293-KS06A	Total/NA	Water	200.8	364010
480-120132-6	H-334-NS01A	Total/NA	Water	200.8	364010
480-120132-8	H-334-DW02A	Total/NA	Water	200.8	364010
480-120132-10	H-334-DW03A	Total/NA	Water	200.8	364009
480-120132-12	H-334-DW04A	Total/NA	Water	200.8	364009
480-120132-14	H-334-KS05A	Total/NA	Water	200.8	364009
480-120132-16	S-492-DW01A	Total/NA	Water	200.8	364009
480-120132-18	S-492-IM02A	Total/NA	Water	200.8	364009
480-120132-19	S-492-KS03A	Total/NA	Water	200.8	364009
480-120132-21	S-492-DW-04A	Total/NA	Water	200.8	364009
480-120132-23	S-492-NS05A	Total/NA	Water	200.8	364009
480-120132-25	S-492-TL06A	Total/NA	Water	200.8	364009
480-120132-27	S-492-DW07A	Total/NA	Water	200.8	364009
480-120132-29	G-27-KS01A	Total/NA	Water	200.8	364009
MB 480-364009/1-A	Method Blank	Total/NA	Water	200.8	364009
MB 480-364010/1-A	Method Blank	Total/NA	Water	200.8	364010
LCS 480-364009/2-A	Lab Control Sample	Total/NA	Water	200.8	364009
LCS 480-364010/2-A	Lab Control Sample	Total/NA	Water	200.8	364010
480-120132-8 MS	H-334-DW02A	Total/NA	Water	200.8	364010
480-120132-8 MSD	H-334-DW02A	Total/NA	Water	200.8	364010
480-120132-14 MS	H-334-KS05A	Total/NA	Water	200.8	364009

TestAmerica Buffalo

QC Association Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Metals (Continued)

Analysis Batch: 364700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120132-14 MSD	H-334-KS05A	Total/NA	Water	200.8	364009

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Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: H-293-KS05A

Date Collected: 06/23/17 07:36

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:41	JRK	TAL BUF

Client Sample ID: H-293-KS06A

Date Collected: 06/23/17 07:38

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:44	JRK	TAL BUF

Client Sample ID: H-334-NS01A

Date Collected: 06/23/17 07:55

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:47	JRK	TAL BUF

Client Sample ID: H-334-DW02A

Date Collected: 06/23/17 07:57

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364010	06/26/17 14:50	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 23:50	JRK	TAL BUF

Client Sample ID: H-334-DW03A

Date Collected: 06/23/17 07:59

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 21:33	JRK	TAL BUF

Client Sample ID: H-334-DW04A

Date Collected: 06/23/17 08:01

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 21:36	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: H-334-KS05A

Date Collected: 06/23/17 08:03
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 21:38	JRK	TAL BUF

Client Sample ID: S-492-DW01A

Date Collected: 06/23/17 08:40
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 21:56	JRK	TAL BUF

Client Sample ID: S-492-IM02A

Date Collected: 06/23/17 08:42
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 21:59	JRK	TAL BUF

Client Sample ID: S-492-KS03A

Date Collected: 06/23/17 08:44
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:02	JRK	TAL BUF

Client Sample ID: S-492-DW-04A

Date Collected: 06/23/17 08:48
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:04	JRK	TAL BUF

Client Sample ID: S-492-NS05A

Date Collected: 06/23/17 08:51
Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:07	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Client Sample ID: S-492-TL06A

Date Collected: 06/23/17 08:55

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:10	JRK	TAL BUF

Client Sample ID: S-492-DW07A

Date Collected: 06/23/17 08:58

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:13	JRK	TAL BUF

Client Sample ID: G-27-KS01A

Date Collected: 06/23/17 09:51

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			364009	06/26/17 14:35	EMB	TAL BUF
Total/NA	Analysis	200.8		1	364700	06/28/17 22:15	JRK	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

Laboratory: TestAmerica Buffalo

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

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

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-1

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 Schools

TestAmerica Job ID: 480-120132-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-120132-2	H-293-KS05A	Water	06/23/17 07:36	06/24/17 02:30
480-120132-4	H-293-KS06A	Water	06/23/17 07:38	06/24/17 02:30
480-120132-6	H-334-NS01A	Water	06/23/17 07:55	06/24/17 02:30
480-120132-8	H-334-DW02A	Water	06/23/17 07:57	06/24/17 02:30
480-120132-10	H-334-DW03A	Water	06/23/17 07:59	06/24/17 02:30
480-120132-12	H-334-DW04A	Water	06/23/17 08:01	06/24/17 02:30
480-120132-14	H-334-KS05A	Water	06/23/17 08:03	06/24/17 02:30
480-120132-16	S-492-DW01A	Water	06/23/17 08:40	06/24/17 02:30
480-120132-18	S-492-IM02A	Water	06/23/17 08:42	06/24/17 02:30
480-120132-19	S-492-KS03A	Water	06/23/17 08:44	06/24/17 02:30
480-120132-21	S-492-DW-04A	Water	06/23/17 08:48	06/24/17 02:30
480-120132-23	S-492-NS05A	Water	06/23/17 08:51	06/24/17 02:30
480-120132-25	S-492-TL06A	Water	06/23/17 08:55	06/24/17 02:30
480-120132-27	S-492-DW07A	Water	06/23/17 08:58	06/24/17 02:30
480-120132-29	G-27-KS01A	Water	06/23/17 09:51	06/24/17 02:30



Chain of Custody Record

1111 New Durham Road
Edison, NJ 08817
Phone: (732) 549-3800 Fax: (732) 549-2670

Chain of Custody Record

Phone (732) 549-3900 Fax (732) 549-3679

THE JOURNAL OF CLIMATE

Client Information		Sampler: Stone, Judy L.		Carrier Tracking No(s): COC No. 460-85619-53442.7																																																																																																																																																																																					
Client Contact: Ms. Regina Camilli Company: CHA Inc		Phone: E-Mail: judy.stone@testamericainc.com		Page: Page 7 of 11 Job #:																																																																																																																																																																																					
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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:

Mrs. Regina Camilli

Company:

CHA Inc

Address:

1111 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:
Phone:
Carrier Tracking No(s):

Lab PM:
E-Mail:

Stone, Judy L

judy.stone@testamerica.com

Analysis Requested

Due Date Requested:

TAT Requested (days):

Address:

City:

State/Zip:

Phone:

PO #:

VO #:

Project #:

SSOW#:

Field Filtered Sample (Yes or No)

Perform MS/MSD (Yes or No)

200.8 - ICP Metals Single Element

Other:

Preservation Codes:

Total Number of Containers:

Special Instructions/Note:

Matrix:

(w=water,

S=solid,

o=waste oil,

t=tissue, a=air)

Preservation Code:

D

Field/Filtration:

X

Perfomr Sample (Yes or No)

X

Sample Type:

C=comp,

G=grab,

B=tissue, A=air)

Sample Time:

Preservation Code:

Sample Date:

Preservation Code:

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-120132-1

Login Number: 120132

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: 480-120132-1

Login Number: 120132

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

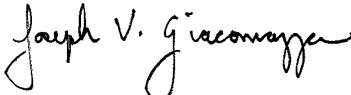
TestAmerica Job ID: 480-120132-2

Client Project/Site: Bergen County Schools

For:

CHA Inc
111 Winners Circle
PO BOX 5269
Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

7/12/2017 5:15:37 PM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868

judy.stone@testamericainc.com

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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 Schools

TestAmerica Job ID: 480-120132-2

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-2

Job ID: 480-120132-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-120132-2

Comments

No additional comments.

Receipt

The samples were received on 6/24/2017 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 0.1° C, 0.2° C, 0.2° C, 0.3° C, 0.3° C and 0.4° C.

Receipt Exceptions

The following samples were activated by the client on 7/6/17: H-293-KS05B (480-120132-3) and H-293-KS06B (480-120132-5).

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 Schools

TestAmerica Job ID: 480-120132-2

Client Sample ID: H-293-KS05B

Lab Sample ID: 480-120132-3

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

Client Sample ID: H-293-KS06B

Lab Sample ID: 480-120132-5

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

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-2

Client Sample ID: H-293-KS05B

Date Collected: 06/23/17 07:37

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-3

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		07/11/17 08:05	07/12/17 03:09	1

Client Sample ID: H-293-KS06B

Date Collected: 06/23/17 07:39

Date Received: 06/24/17 02:30

Lab Sample ID: 480-120132-5

Matrix: Water

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		07/11/17 08:05	07/12/17 03:14	1

QC Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-2

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-366184/1-A

Matrix: Water

Analysis Batch: 366581

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 366184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.17	U	1.0	0.17	ug/L		07/11/17 08:05	07/12/17 00:28	1

Lab Sample ID: LCS 480-366184/2-A

Matrix: Water

Analysis Batch: 366581

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 366184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	20.0	19.50		ug/L		97	85 - 115

QC Association Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-2

Metals

Prep Batch: 366184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120132-3	H-293-KS05B	Total/NA	Water	200.8	
480-120132-5	H-293-KS06B	Total/NA	Water	200.8	
MB 480-366184/1-A	Method Blank	Total/NA	Water	200.8	
LCS 480-366184/2-A	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 366581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120132-3	H-293-KS05B	Total/NA	Water	200.8	366184
480-120132-5	H-293-KS06B	Total/NA	Water	200.8	366184
MB 480-366184/1-A	Method Blank	Total/NA	Water	200.8	366184
LCS 480-366184/2-A	Lab Control Sample	Total/NA	Water	200.8	366184

Lab Chronicle

Client: CHA Inc

TestAmerica Job ID: 480-120132-2

Project/Site: Bergen County Schools

Client Sample ID: H-293-KS05B

Lab Sample ID: 480-120132-3

Date Collected: 06/23/17 07:37

Matrix: Water

Date Received: 06/24/17 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			366184	07/11/17 08:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	366581	07/12/17 03:09	JRK	TAL BUF

Client Sample ID: H-293-KS06B

Lab Sample ID: 480-120132-5

Date Collected: 06/23/17 07:39

Matrix: Water

Date Received: 06/24/17 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			366184	07/11/17 08:05	EMB	TAL BUF
Total/NA	Analysis	200.8		1	366581	07/12/17 03:14	JRK	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-2

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	NY455	06-30-18

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-18

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Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 480-120132-2

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 Schools

TestAmerica Job ID: 480-120132-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-120132-3	H-293-KS05B	Water	06/23/17 07:37	06/24/17 02:30
480-120132-5	H-293-KS06B	Water	06/23/17 07:39	06/24/17 02:30

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TestAmerica Edison

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

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING



Client Information		Sampler: Phone: Company: C-H-A Inc	Lab PM: Stone, Judy L E-Mail: judy.stone@testamericainc.com	C 480-120132 COC	COC No: 460-856-19-534426 Page: Page 6 of 11 Job #:																								
		Analysis Requested																											
		<p>Preservation Codes:</p> <table border="0"> <tr><td>M - Hexane</td><td>A - HCl</td></tr> <tr><td>N - None</td><td>B - NaOH</td></tr> <tr><td>O - AsNaO2</td><td>C - Zn Acetate</td></tr> <tr><td>P - Na2O4S</td><td>D - Nitric Acid</td></tr> <tr><td>Q - Na2SO3</td><td>E - NaHSO4</td></tr> <tr><td>R - Na2S2O3</td><td>F - MeOH</td></tr> <tr><td>S - H2SO4</td><td>G - Anchior</td></tr> <tr><td>T - TSP Dodecahydrate</td><td>H - Ascorbic Acid</td></tr> <tr><td>U - Acetone</td><td>I - Ice</td></tr> <tr><td>V - MCAA</td><td>J - DI Water</td></tr> <tr><td>W - pH 4-5</td><td>K - EDTA</td></tr> <tr><td>Z - other (specify)</td><td>L - EDA</td></tr> </table> <p>Other:</p>				M - Hexane	A - HCl	N - None	B - NaOH	O - AsNaO2	C - Zn Acetate	P - Na2O4S	D - Nitric Acid	Q - Na2SO3	E - NaHSO4	R - Na2S2O3	F - MeOH	S - H2SO4	G - Anchior	T - TSP Dodecahydrate	H - Ascorbic Acid	U - Acetone	I - Ice	V - MCAA	J - DI Water	W - pH 4-5	K - EDTA	Z - other (specify)	L - EDA
M - Hexane	A - HCl																												
N - None	B - NaOH																												
O - AsNaO2	C - Zn Acetate																												
P - Na2O4S	D - Nitric Acid																												
Q - Na2SO3	E - NaHSO4																												
R - Na2S2O3	F - MeOH																												
S - H2SO4	G - Anchior																												
T - TSP Dodecahydrate	H - Ascorbic Acid																												
U - Acetone	I - Ice																												
V - MCAA	J - DI Water																												
W - pH 4-5	K - EDTA																												
Z - other (specify)	L - EDA																												
		<p>Total Number of Contaminants:</p> <p>200.8 - ICP Metals Single Element</p> <p>Perfomr MS/MSD (yes or No):</p> <p>Field Filtered Sample (Yes or No):</p> <p>Field Sample (Yes or No):</p> <p>Project #: 46020240</p> <p>SSOW#:</p>																											
		<p>Special Instructions/Note:</p> <p><i>Hold All B1 Samples</i></p>																											
		Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste oil, T=tissue, A=Air)																							
					Preservation Code: <i>G</i>	D																							
		<i>H-293-DW04B</i>	<i>01/13/2017</i>	<i>04:35</i>	Water	X																							
		" " <i>KC05A</i>	<i>01/13/2017</i>	<i>04:36</i>	Water																								
		" " <i>KS05B</i>	<i>01/13/2017</i>	<i>07:37</i>	Water																								
		" " <i>KS06A</i>	<i>01/13/2017</i>	<i>07:38</i>	Water																								
		" " <i>KS06B</i>	<i>01/13/2017</i>	<i>07:39</i>	Water																								
		<i>H-334-N501K</i>	<i>01/13/2017</i>	<i>07:56</i>	Water																								
		" " <i>DW02A</i>	<i>01/13/2017</i>	<i>07:57</i>	Water																								
		" " <i>DW02B</i>	<i>01/13/2017</i>	<i>07:58</i>	Water																								
		" " <i>DW03A</i>	<i>01/13/2017</i>	<i>07:59</i>	Water																								
		" " <i>DW03B</i>	<i>01/13/2017</i>	<i>08:00</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>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>																							
		Empty Kit Relinquished by: <i>John Muller</i>	Date: <i>6/23/17</i>	Date: <i>1/15/17</i>	Time: <i>10:00 AM</i>	Method of Shipment: <i>Hand</i>																							
		Relinquished by: <i>John Muller</i>	Date/Time: <i>6/23/17</i>	Date/Time: <i>1/15/17</i>	Date/Time: <i>10:30 AM</i>	Company: <i>TA</i>																							
		Relinquished by: <i>John Muller</i>	Date/Time: <i>6/23/17</i>	Date/Time: <i>1/18/17</i>	Date/Time: <i>02:00 PM</i>	Company: <i>TA</i>																							
		Relinquished by: <i>John Muller</i>	Date/Time: <i>6/23/17</i>	Date/Time: <i>1/18/17</i>	Date/Time: <i>02:00 PM</i>	Company: <i>TA</i>																							
		Cooler Temperatures) °C and Other Remarks:				<i>0.1, 0.2 #1</i>																							
						<i>11/12/2017</i>																							

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Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-120132-2

Login Number: 120132

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: 480-120132-2

Login Number: 120132

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 Edison

777 New Durham Road

Edison, NJ 08817

Tel: (732)549-3900

TestAmerica Job ID: 460-136205-1

Client Project/Site: Bergen County Schools

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

6/30/2017 8:27:33 PM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

LINKS

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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 Schools

TestAmerica Job ID: 460-136205-1

Qualifiers

Metals

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

Glossary

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

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

Case Narrative

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Job ID: 460-136205-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative 460-136205-1

Receipt

The samples were received on 6/28/2017 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, the samples were not received in the original shipment. These samples were received on 6/29/17: Samples #17 and #18.

The container labels for the following samples did not match the information listed on the Chain-of-Custody (COC): W-304-DW-4A (460-136205-7) and W-304-DW-4B (460-136205-8). W-304-DW-4A - Sample time on COC is 6:20, but 6:21 on the container; W-304-DW-4B - Sample time on COC is 6:21, but 6:20 on the container. The client was notified and indicated that the times on the chain of custody should be used.

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 Schools

TestAmerica Job ID: 460-136205-1

Client Sample ID: W-304-NS-1A

Lab Sample ID: 460-136205-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-2A

Lab Sample ID: 460-136205-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.0		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-KS-3A

Lab Sample ID: 460-136205-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.7		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-DW-4A

Lab Sample ID: 460-136205-7

No Detections.

Client Sample ID: W-304-DW-5A

Lab Sample ID: 460-136205-9

No Detections.

Client Sample ID: W-304-KS-6A

Lab Sample ID: 460-136205-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.9		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-DW-7A

Lab Sample ID: 460-136205-13

No Detections.

Client Sample ID: W-304-DW-8A

Lab Sample ID: 460-136205-15

No Detections.

Client Sample ID: W-304-NS-9A

Lab Sample ID: 460-136205-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.9		2.0	0.16	ug/L	1		200.8	Total/NA

Client Sample ID: W-304-TL-10A

Lab Sample ID: 460-136205-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.4		2.0	0.16	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Client Sample ID: W-304-NS-1A

Date Collected: 06/27/17 06:09
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:15	1

Client Sample ID: W-304-KS-2A

Date Collected: 06/27/17 06:14
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.0		2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:20	1

Client Sample ID: W-304-KS-3A

Date Collected: 06/27/17 06:16
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.7		2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:23	1

Client Sample ID: W-304-DW-4A

Date Collected: 06/27/17 06:20
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:32	1

Client Sample ID: W-304-DW-5A

Date Collected: 06/27/17 06:22
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:35	1

Client Sample ID: W-304-KS-6A

Date Collected: 06/27/17 06:31
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.9		2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:37	1

Client Sample ID: W-304-DW-7A

Date Collected: 06/27/17 06:36
Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L	D	06/29/17 12:37	06/30/17 12:40	1

TestAmerica Edison

Client Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Client Sample ID: W-304-DW-8A

Lab Sample ID: 460-136205-15

Matrix: Water

Date Collected: 06/27/17 06:38

Date Received: 06/28/17 09:40

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/29/17 12:37	06/30/17 12:43	1

Client Sample ID: W-304-NS-9A

Lab Sample ID: 460-136205-17

Matrix: Water

Date Collected: 06/27/17 06:41

Date Received: 06/28/17 09:40

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.9		2.0	0.16	ug/L		06/29/17 12:42	06/30/17 11:15	1

Client Sample ID: W-304-TL-10A

Lab Sample ID: 460-136205-19

Matrix: Water

Date Collected: 06/27/17 06:45

Date Received: 06/28/17 09:40

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.4		2.0	0.16	ug/L		06/29/17 12:39	06/30/17 12:46	1

QC Sample Results

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-446480/1-A

Matrix: Water

Analysis Batch: 446981

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 446480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/28/17 16:57	06/30/17 09:49	1

Lab Sample ID: LCS 460-446480/2-A

Matrix: Water

Analysis Batch: 446981

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 446480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	5.00	5.12		ug/L		102	85 - 115

Lab Sample ID: MB 460-446677/1-A

Matrix: Water

Analysis Batch: 446981

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 446677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16	U	2.0	0.16	ug/L		06/29/17 12:37	06/30/17 11:23	1

Lab Sample ID: LCS 460-446677/2-A

Matrix: Water

Analysis Batch: 446981

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 446677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Lead	5.00	5.27		ug/L		105	85 - 115

Lab Sample ID: 460-136205-1 MS

Matrix: Water

Analysis Batch: 446981

Client Sample ID: W-304-NS-1A

Prep Type: Total/NA

Prep Batch: 446677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Lead	2.8		5.00	7.82		ug/L		100	70 - 130

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Metals

Prep Batch: 446480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-136205-17	W-304-NS-9A	Total/NA	Water	200	
MB 460-446480/1-A	Method Blank	Total/NA	Water	200	
LCS 460-446480/2-A	Lab Control Sample	Total/NA	Water	200	

Prep Batch: 446677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-136205-1	W-304-NS-1A	Total/NA	Water	200	
460-136205-3	W-304-KS-2A	Total/NA	Water	200	
460-136205-5	W-304-KS-3A	Total/NA	Water	200	
460-136205-7	W-304-DW-4A	Total/NA	Water	200	
460-136205-9	W-304-DW-5A	Total/NA	Water	200	
460-136205-11	W-304-KS-6A	Total/NA	Water	200	
460-136205-13	W-304-DW-7A	Total/NA	Water	200	
460-136205-15	W-304-DW-8A	Total/NA	Water	200	
460-136205-19	W-304-TL-10A	Total/NA	Water	200	
MB 460-446677/1-A	Method Blank	Total/NA	Water	200	
LCS 460-446677/2-A	Lab Control Sample	Total/NA	Water	200	
460-136205-1 MS	W-304-NS-1A	Total/NA	Water	200	

Analysis Batch: 446981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-136205-1	W-304-NS-1A	Total/NA	Water	200.8	446677
460-136205-3	W-304-KS-2A	Total/NA	Water	200.8	446677
460-136205-5	W-304-KS-3A	Total/NA	Water	200.8	446677
460-136205-7	W-304-DW-4A	Total/NA	Water	200.8	446677
460-136205-9	W-304-DW-5A	Total/NA	Water	200.8	446677
460-136205-11	W-304-KS-6A	Total/NA	Water	200.8	446677
460-136205-13	W-304-DW-7A	Total/NA	Water	200.8	446677
460-136205-15	W-304-DW-8A	Total/NA	Water	200.8	446677
460-136205-17	W-304-NS-9A	Total/NA	Water	200.8	446480
460-136205-19	W-304-TL-10A	Total/NA	Water	200.8	446677
MB 460-446480/1-A	Method Blank	Total/NA	Water	200.8	446480
MB 460-446677/1-A	Method Blank	Total/NA	Water	200.8	446677
LCS 460-446480/2-A	Lab Control Sample	Total/NA	Water	200.8	446480
LCS 460-446677/2-A	Lab Control Sample	Total/NA	Water	200.8	446677
460-136205-1 MS	W-304-NS-1A	Total/NA	Water	200.8	446677

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Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Client Sample ID: W-304-NS-1A

Date Collected: 06/27/17 06:09

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:15	MDC	TAL EDI

Client Sample ID: W-304-KS-2A

Date Collected: 06/27/17 06:14

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:20	MDC	TAL EDI

Client Sample ID: W-304-KS-3A

Date Collected: 06/27/17 06:16

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:23	MDC	TAL EDI

Client Sample ID: W-304-DW-4A

Date Collected: 06/27/17 06:20

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:32	MDC	TAL EDI

Client Sample ID: W-304-DW-5A

Date Collected: 06/27/17 06:22

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:35	MDC	TAL EDI

Client Sample ID: W-304-KS-6A

Date Collected: 06/27/17 06:31

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:37	MDC	TAL EDI

TestAmerica Edison

Lab Chronicle

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Client Sample ID: W-304-DW-7A

Date Collected: 06/27/17 06:36

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:40	MDC	TAL EDI

Client Sample ID: W-304-DW-8A

Date Collected: 06/27/17 06:38

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:37	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:43	MDC	TAL EDI

Client Sample ID: W-304-NS-9A

Date Collected: 06/27/17 06:41

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446480	06/29/17 12:42	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 11:15	MDC	TAL EDI

Client Sample ID: W-304-TL-10A

Date Collected: 06/27/17 06:45

Date Received: 06/28/17 09:40

Lab Sample ID: 460-136205-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			446677	06/29/17 12:39	MDC	TAL EDI
Total/NA	Analysis	200.8		1	446981	06/30/17 12:46	MDC	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TestAmerica Edison

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Laboratory: TestAmerica Edison

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

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Method Summary

Client: CHA Inc
Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Sample Summary

Client: CHA Inc

Project/Site: Bergen County Schools

TestAmerica Job ID: 460-136205-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-136205-1	W-304-NS-1A	Water	06/27/17 06:09	06/28/17 09:40
460-136205-3	W-304-KS-2A	Water	06/27/17 06:14	06/28/17 09:40
460-136205-5	W-304-KS-3A	Water	06/27/17 06:16	06/28/17 09:40
460-136205-7	W-304-DW-4A	Water	06/27/17 06:20	06/28/17 09:40
460-136205-9	W-304-DW-5A	Water	06/27/17 06:22	06/28/17 09:40
460-136205-11	W-304-KS-6A	Water	06/27/17 06:31	06/28/17 09:40
460-136205-13	W-304-DW-7A	Water	06/27/17 06:36	06/28/17 09:40
460-136205-15	W-304-DW-8A	Water	06/27/17 06:38	06/28/17 09:40
460-136205-17	W-304-NS-9A	Water	06/27/17 06:41	06/28/17 09:40
460-136205-19	W-304-TL-10A	Water	06/27/17 06:45	06/28/17 09:40

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TestAmerica Edison

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

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:	Amy BLEDES	Carrier Tracking No(s):
Phone:	Stone, Judy L	Lab PM:
Address:		E-Mail:
City:	111 Winners Circle PO BOX 5269	Job #:
State, ZIP:	Albany, NY, 12205-0269	
Phone:	518-453-4569	
Email:	rcamilli@chacompanies.com	
Project Name:	Bergen County, NJ	
Site:		

COC No:
460-85619-53442.9
Page:
Page 9 of 11

6/30/2017

Analysis Requested

Due Date Requested: _____
TAT Requested (days): **5 DAY**

Project #: 31521.1000.44200
WQ #: 460-136205 Chain of Custody
Project #: 46020240
SSON #: _____

Field Filtered Sample (Yes or No): **lead**

Performance Standard (YES or NO): **200.8 - ICP Metals Single Element**

Preservation Codes:

A - HCl	M - Hexane
B - NaOH	N - None
Zn - Acetate	O - AsNaO2
Nitric Acid	P - NaO4S
NaHSO4	Q - Na2S03
VieOH	R - Na2S2O3
Ammonium	S - H2SO4
Ascorbic Acid	T - TSP Dodecahydrate
Water	U - Acetone
EDTA	V - MCA
EDA	W - pH 4-5
Other:	Z - other (specify)

Total Number of con: **1**

Special Instructions/Note: **HOLD ALL**

"R" **3**

SAMPLES **4**

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Page 15 of 19

Method of Shipment:

Date/Time:	6/27/2017 11:00	Received by:	Judy Stone	Date/Time:	6/27/2017 11:00	Company:	CHAM
Date/Time:	6/27/2017 18:00	Received by:	Linda Fifer	Date/Time:	6/28/2017 09:40	Company:	CHAM
Date/Time:		Received by:		Date/Time:		Company:	

RUSH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, S=solid, G=grab, B=brisable, A=air)	Matrix (Water, Soil, Compost, Etc.)	Preservation Code:	D
W - 304 - NS - 1A	6/27/2017	6:01	G	Water	X	1
W - 304 - KS - 1B		6:10		Water		1
W - 304 - KS - 2A		6:14		Water		1
W - 304 - KS - 2B		6:15		Water		1
W - 304 - KS - 3A		6:16		Water		1
W - 304 - KS - 3B		6:17		Water		1
W - 304 - DW - 4A		6:20		Water		1
W - 304 - DW - 5A		6:22		Water		1
W - 304 - DW - 5B		6:23		Water		1
W - 304 - KS - 6A		6:21		Water		1

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

Special Instructions/QC Requirements:

Method of Shipment:

Date:	6/27/2017 11:00	Received by:	Judy Stone	Date/Time:	6/27/2017 11:00	Company:	CHAM
Date/Time:	6/27/2017 18:00	Received by:	Linda Fifer	Date/Time:	6/28/2017 09:40	Company:	CHAM
Date/Time:		Received by:		Date/Time:		Company:	

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Empty Kit Relinquished by: **Reed**

Relinquished by: **Reed**

Relinquished by: **Reed**

Custody Seals Intact: Yes No Custody Seal No.: **032690**

Cooler Temperature(s) °C and Other Remarks: **2-4°C 2R8**

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TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number:

136705

Number of Coolers:

8

TALS Sample Number	Cooler Temperatures											
	Cooler #1			Cooler #2			Cooler #3			Cooler #4		
	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED	
1	24	24		24	24		24	24		24	24	
2	24	24		24	24		24	24		24	24	
3	24	24		24	24		24	24		24	24	
4	24	24		24	24		24	24		24	24	
5	24	24		24	24		24	24		24	24	
6	24	24		24	24		24	24		24	24	
7	24	24		24	24		24	24		24	24	
8	24	24		24	24		24	24		24	24	
9	24	24		24	24		24	24		24	24	
10	24	24		24	24		24	24		24	24	
11	24	24		24	24		24	24		24	24	
12	24	24		24	24		24	24		24	24	
13	24	24		24	24		24	24		24	24	

Sample No(s). adjusted:	If pH adjustments are required record the information below:												
	Preservative Name/Conc.:	Volume of Preservative used (ml):			Expiration Date:			Comments:			Initials:		
<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>	<u>VA</u>

Lot # of Preservative(s): VA
 The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
 * Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

TestAmerica Edison Receipt Temperature and pH Log

Job Number:

136205

Number of Coolers: _____ IR Gun #: _____

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Number of Coolers	IR Gun #		Cooler Temperatures	
	RAW	CORRECTED	RAW	CORRECTED
Cooler #1	°C	°C	Cooler #4	°C
Cooler #2	°C	°C	Cooler #5	°C
Cooler #3	°C	°C	Cooler #6	°C
			Cooler #7	°C
			Cooler #8	°C
			Cooler #9	°C

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Expiration Date:

Volume of Preservative used (ml): 10

The appropriate Project Manager and Department Manager should be notified about the samples which were Hg adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4, 06/09/2014

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 460-136205-1

Login Number: 136205

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment	
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A		1
The cooler's custody seal, if present, is intact.	True	032690	2
Sample custody seals, if present, are intact.	N/A		3
The cooler or samples do not appear to have been compromised or tampered with.	True		4
Samples were received on ice.	True		5
Cooler Temperature is acceptable.	True		6
Cooler Temperature is recorded.	True	2.4°C, IR #8	7
COC is present.	True		8
COC is filled out in ink and legible.	True		9
COC is filled out with all pertinent information.	True		10
Is the Field Sampler's name present on COC?	True		11
There are no discrepancies between the containers received and the COC.	False	See NCM	12
Samples are received within Holding Time (excluding tests with immediate HTs)	True		13
Sample containers have legible labels.	True		14
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").	N/A		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.	

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: 480-131439-1

Client Project/Site: Bergen County NJ - Drinking Water Lead

For:

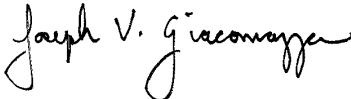
CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

2/22/2018 5:28:20 PM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

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 - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
F4	MS/MSD RPD exceeds control limits due to sample size difference.
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.

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

Case Narrative

Client: CHA Inc
Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Job ID: 480-131439-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-131439-1

Receipt

The samples were received on 2/17/2018 12:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.3° C and 0.5° C.

Metals

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

Detection Summary

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Client Sample ID: P-275-IM-22A

Lab Sample ID: 480-131439-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.9	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275-CM-23A

Lab Sample ID: 480-131439-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	16.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275-CM-24A

Lab Sample ID: 480-131439-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	99.7	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275-IM-31A

Lab Sample ID: 480-131439-7

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: P-275-KS-25A

Lab Sample ID: 480-131439-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	11.8	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-34A

Lab Sample ID: 480-131439-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	146	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-333-KS-35A

Lab Sample ID: 480-131439-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	12.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-CM-57A

Lab Sample ID: 480-131439-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.3	F2 F1 B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-296-CM-58A

Lab Sample ID: 480-131439-17

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

Client Sample ID: H-200-DW-47A

Lab Sample ID: 480-131439-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	0.80	J B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200-DW-48A

Lab Sample ID: 480-131439-21

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: CHA Inc

Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: H-200-DW-48A (Continued)**Lab Sample ID: 480-131439-21**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	1.4	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200-CM-49A**Lab Sample ID: 480-131439-23**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	0.95	J B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200-KS-27A**Lab Sample ID: 480-131439-25**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	1.9	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200-KS-28A**Lab Sample ID: 480-131439-27**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	2.6	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200-KS-29A**Lab Sample ID: 480-131439-29**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	0.81	J B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-200-KS-51A**Lab Sample ID: 480-131439-31**

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

Client Sample ID: H-200-IM-52A**Lab Sample ID: 480-131439-33**

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

Client Sample ID: H-200-CM-50A**Lab Sample ID: 480-131439-35**

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

Client Sample ID: H-200-KS-53A**Lab Sample ID: 480-131439-37**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	4.1	B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-293-IM-07A**Lab Sample ID: 480-131439-39**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	0.89	J B	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: H-293-IM-08A**Lab Sample ID: 480-131439-41**

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: CHA Inc

Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: H-293-IM-08A (Continued)

Lab Sample ID: 480-131439-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	0.22	J	1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-29A

Lab Sample ID: 480-131439-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	5.0		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-30A

Lab Sample ID: 480-131439-45

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

Client Sample ID: T-504-KS-31A

Lab Sample ID: 480-131439-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	3.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-32A

Lab Sample ID: 480-131439-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	4.8		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-KS-33A

Lab Sample ID: 480-131439-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	6.6		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: T-504-WC-27A

Lab Sample ID: 480-131439-53

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

Client Sample ID: T-504-WC-28A

Lab Sample ID: 480-131439-55

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

Client Sample ID: W-304-CM-11A

Lab Sample ID: 480-131439-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	71.8	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 - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: P-275-IM-22A

Date Collected: 02/16/18 07:36

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-1

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.9	B	1.0	0.17	ug/L		02/20/18 08:36	02/20/18 22:48	1

Client Sample ID: P-275-CM-23A

Date Collected: 02/16/18 07:47

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	16.7	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 00:02	1

Client Sample ID: P-275-CM-24A

Date Collected: 02/16/18 08:05

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	99.7	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 00:23	1

Client Sample ID: P-275-IM-31A

Date Collected: 02/16/18 08:49

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-7

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		02/20/18 08:36	02/20/18 22:53	1

Client Sample ID: P-275-KS-25A

Date Collected: 02/16/18 09:00

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	11.8	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 00:28	1

Client Sample ID: P-333-KS-34A

Date Collected: 02/16/18 09:34

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	146	B	1.0	0.17	ug/L		02/20/18 08:36	02/20/18 22:59	1

Client Sample ID: P-333-KS-35A

Date Collected: 02/16/18 09:38

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-13

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	12.1	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 00:50	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
 Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: P-296-CM-57A

Date Collected: 02/16/18 09:58
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-15

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.3	F2 F1 B	1.0	0.17	ug/L		02/20/18 08:36	02/20/18 23:04	1

Client Sample ID: P-296-CM-58A

Date Collected: 02/16/18 10:05
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-17

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	5.8	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 00:55	1

Client Sample ID: H-200-DW-47A

Date Collected: 02/16/18 11:44
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-19

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	0.80	J B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:00	1

Client Sample ID: H-200-DW-48A

Date Collected: 02/16/18 11:47
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-21

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	1.4	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:06	1

Client Sample ID: H-200-CM-49A

Date Collected: 02/16/18 12:00
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-23

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	0.95	J B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:11	1

Client Sample ID: H-200-KS-27A

Date Collected: 02/16/18 12:05
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-25

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	1.9	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:16	1

Client Sample ID: H-200-KS-28A

Date Collected: 02/16/18 12:09
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-27

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	2.6	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:21	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
 Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: H-200-KS-29A
Lab Sample ID: 480-131439-29

Date Collected: 02/16/18 12:12
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	0.81	J B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:27	1

Client Sample ID: H-200-KS-51A
Lab Sample ID: 480-131439-31

Date Collected: 02/16/18 12:15
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	10.4	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:32	1

Client Sample ID: H-200-IM-52A
Lab Sample ID: 480-131439-33

Date Collected: 02/16/18 12:18
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	2.4	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:37	1

Client Sample ID: H-200-CM-50A
Lab Sample ID: 480-131439-35

Date Collected: 02/16/18 12:33
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	1.0	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 01:59	1

Client Sample ID: H-200-KS-53A
Lab Sample ID: 480-131439-37

Date Collected: 02/16/18 12:43
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	4.1	B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 02:04	1

Client Sample ID: H-293-IM-07A
Lab Sample ID: 480-131439-39

Date Collected: 02/16/18 13:16
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	0.89	J B	1.0	0.17	ug/L		02/19/18 08:55	02/21/18 02:09	1

Client Sample ID: H-293-IM-08A
Lab Sample ID: 480-131439-41

Date Collected: 02/16/18 13:23
 Date Received: 02/17/18 00:45

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	0.22	J	1.0	0.17	ug/L		02/19/18 08:59	02/21/18 15:59	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc
 Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: T-504-KS-29A
Lab Sample ID: 480-131439-43

Matrix: Water

Date Collected: 02/16/18 13:52
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	5.0		1.0	0.17	ug/L		02/19/18 08:59	02/21/18 16:25	1

Client Sample ID: T-504-KS-30A
Lab Sample ID: 480-131439-45

Matrix: Water

Date Collected: 02/16/18 13:56
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	4.4		1.0	0.17	ug/L		02/19/18 08:59	02/21/18 16:30	1

Client Sample ID: T-504-KS-31A
Lab Sample ID: 480-131439-47

Matrix: Water

Date Collected: 02/16/18 13:58
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	3.6		1.0	0.17	ug/L		02/19/18 08:59	02/21/18 16:52	1

Client Sample ID: T-504-KS-32A
Lab Sample ID: 480-131439-49

Matrix: Water

Date Collected: 02/16/18 14:01
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	4.8		1.0	0.17	ug/L		02/19/18 08:59	02/21/18 16:57	1

Client Sample ID: T-504-KS-33A
Lab Sample ID: 480-131439-51

Matrix: Water

Date Collected: 02/16/18 14:04
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	6.6		1.0	0.17	ug/L		02/19/18 08:59	02/21/18 17:03	1

Client Sample ID: T-504-WC-27A
Lab Sample ID: 480-131439-53

Matrix: Water

Date Collected: 02/16/18 14:24
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	1.1		1.0	0.17	ug/L		02/19/18 09:00	02/21/18 17:08	1

Client Sample ID: T-504-WC-28A
Lab Sample ID: 480-131439-55

Matrix: Water

Date Collected: 02/16/18 14:27
 Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	1.2		1.0	0.17	ug/L		02/19/18 09:00	02/21/18 17:13	1

TestAmerica Buffalo

Client Sample Results

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Client Sample ID: W-304-CM-11A

Lab Sample ID: 480-131439-57

Date Collected: 02/16/18 14:50

Matrix: Water

Date Received: 02/17/18 00:45

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	71.8	B	1.0	0.17	ug/L		02/20/18 08:36	02/20/18 23:46	1

QC Sample Results

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-400403/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400867

Prep Batch: 400403

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Pb	0.193	J	1.0	0.17	ug/L		02/19/18 08:55	02/20/18 23:52	1

Lab Sample ID: LCS 480-400403/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400867

Prep Batch: 400403

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Pb	20.0		22.49		ug/L		112	85 - 115	

Lab Sample ID: 480-131439-3 MS

Client Sample ID: P-275-CM-23A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400867

Prep Batch: 400403

Analyte	Sample		Spike Added	MS		Unit	D	%Rec	Limits	
	Result	Qualifier		Result	Qualifier					
Pb	16.7	B	20.0	36.90		ug/L		101	70 - 130	

Lab Sample ID: 480-131439-3 MSD

Client Sample ID: P-275-CM-23A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400867

Prep Batch: 400403

Analyte	Sample		Spike Added	MSD		Unit	D	%Rec	Limits	RPD
	Result	Qualifier		Result	Qualifier					
Pb	16.7	B	20.0	35.88		ug/L		96	70 - 130	3

Lab Sample ID: 480-131439-39 MS

Client Sample ID: H-293-IM-07A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400867

Prep Batch: 400403

Analyte	Sample		Spike Added	MS		Unit	D	%Rec	Limits	
	Result	Qualifier		Result	Qualifier					
Pb	0.89	J B	20.0	21.66		ug/L		104	70 - 130	

Lab Sample ID: 480-131439-39 MSD

Client Sample ID: H-293-IM-07A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400867

Prep Batch: 400403

Analyte	Sample		Spike Added	MSD		Unit	D	%Rec	Limits	RPD
	Result	Qualifier		Result	Qualifier					
Pb	0.89	J B	20.0	20.92		ug/L		100	70 - 130	3

Lab Sample ID: MB 480-400405/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 401026

Prep Batch: 400405

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Pb	ND		1.0	0.17	ug/L		02/19/18 08:59	02/21/18 15:49	1

Lab Sample ID: LCS 480-400405/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 401026

Prep Batch: 400405

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
	Added								
Pb	20.0		21.78		ug/L		109	85 - 115	

TestAmerica Buffalo

QC Sample Results

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Lab Sample ID: 480-131439-41 MS

Client Sample ID: H-293-IM-08A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 401026

Prep Batch: 400405

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Pb	0.22	J	20.0	21.12		ug/L	105	70 - 130	

Lab Sample ID: 480-131439-41 MSD

Client Sample ID: H-293-IM-08A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 401026

Prep Batch: 400405

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				
Pb	0.22	J	20.0	21.47		ug/L	106	70 - 130	2 20

Lab Sample ID: MB 480-400539/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400866

Prep Batch: 400539

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.217	J	1.0	0.17	ug/L		02/20/18 08:36	02/20/18 22:32	1

Lab Sample ID: LCS 480-400539/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400866

Prep Batch: 400539

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits
	Added	Result	Qualifier				
Lead	20.0	20.22		ug/L	101	85 - 115	

Lab Sample ID: 480-131439-15 MS

Client Sample ID: P-296-CM-57A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400866

Prep Batch: 400539

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Lead	2.3	F2 F1 B	20.0	21.65		ug/L	97	70 - 130	

Lab Sample ID: 480-131439-15 MSD

Client Sample ID: P-296-CM-57A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 400866

Prep Batch: 400539

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				
Lead	2.3	F2 F1 B	40.0	41.09	F4	ug/L	97	70 - 130	62 20

1

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QC Association Summary

Client: CHA Inc

Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Metals

Prep Batch: 400403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-3	P-275-CM-23A	Total/NA	Water	200 Series	1
480-131439-5	P-275-CM-24A	Total/NA	Water	200 Series	2
480-131439-9	P-275-KS-25A	Total/NA	Water	200 Series	3
480-131439-13	P-333-KS-35A	Total/NA	Water	200 Series	4
480-131439-17	P-296-CM-58A	Total/NA	Water	200 Series	5
480-131439-19	H-200-DW-47A	Total/NA	Water	200 Series	6
480-131439-21	H-200-DW-48A	Total/NA	Water	200 Series	7
480-131439-23	H-200-CM-49A	Total/NA	Water	200 Series	8
480-131439-25	H-200-KS-27A	Total/NA	Water	200 Series	9
480-131439-27	H-200-KS-28A	Total/NA	Water	200 Series	10
480-131439-29	H-200-KS-29A	Total/NA	Water	200 Series	11
480-131439-31	H-200-KS-51A	Total/NA	Water	200 Series	12
480-131439-33	H-200-IM-52A	Total/NA	Water	200 Series	13
480-131439-35	H-200-CM-50A	Total/NA	Water	200 Series	14
480-131439-37	H-200-KS-53A	Total/NA	Water	200 Series	
480-131439-39	H-293-IM-07A	Total/NA	Water	200 Series	
MB 480-400403/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-400403/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-131439-3 MS	P-275-CM-23A	Total/NA	Water	200 Series	
480-131439-3 MSD	P-275-CM-23A	Total/NA	Water	200 Series	
480-131439-39 MS	H-293-IM-07A	Total/NA	Water	200 Series	
480-131439-39 MSD	H-293-IM-07A	Total/NA	Water	200 Series	

Prep Batch: 400405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-41	H-293-IM-08A	Total/NA	Water	200 Series	1
480-131439-43	T-504-KS-29A	Total/NA	Water	200 Series	2
480-131439-45	T-504-KS-30A	Total/NA	Water	200 Series	3
480-131439-47	T-504-KS-31A	Total/NA	Water	200 Series	4
480-131439-49	T-504-KS-32A	Total/NA	Water	200 Series	5
480-131439-51	T-504-KS-33A	Total/NA	Water	200 Series	6
480-131439-53	T-504-WC-27A	Total/NA	Water	200 Series	7
480-131439-55	T-504-WC-28A	Total/NA	Water	200 Series	8
MB 480-400405/1-A	Method Blank	Total/NA	Water	200 Series	9
LCS 480-400405/2-A	Lab Control Sample	Total/NA	Water	200 Series	10
480-131439-41 MS	H-293-IM-08A	Total/NA	Water	200 Series	11
480-131439-41 MSD	H-293-IM-08A	Total/NA	Water	200 Series	12

Prep Batch: 400539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-1	P-275-IM-22A	Total/NA	Water	200.8	1
480-131439-7	P-275-IM-31A	Total/NA	Water	200.8	2
480-131439-11	P-333-KS-34A	Total/NA	Water	200.8	3
480-131439-15	P-296-CM-57A	Total/NA	Water	200.8	4
480-131439-57	W-304-CM-11A	Total/NA	Water	200.8	5
MB 480-400539/1-A	Method Blank	Total/NA	Water	200.8	6
LCS 480-400539/2-A	Lab Control Sample	Total/NA	Water	200.8	7
480-131439-15 MS	P-296-CM-57A	Total/NA	Water	200.8	8
480-131439-15 MSD	P-296-CM-57A	Total/NA	Water	200.8	9

TestAmerica Buffalo

QC Association Summary

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Metals (Continued)

Analysis Batch: 400866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-1	P-275-IM-22A	Total/NA	Water	200.8	400539
480-131439-7	P-275-IM-31A	Total/NA	Water	200.8	400539
480-131439-11	P-333-KS-34A	Total/NA	Water	200.8	400539
480-131439-15	P-296-CM-57A	Total/NA	Water	200.8	400539
480-131439-57	W-304-CM-11A	Total/NA	Water	200.8	400539
MB 480-400539/1-A	Method Blank	Total/NA	Water	200.8	400539
LCS 480-400539/2-A	Lab Control Sample	Total/NA	Water	200.8	400539
480-131439-15 MS	P-296-CM-57A	Total/NA	Water	200.8	400539
480-131439-15 MSD	P-296-CM-57A	Total/NA	Water	200.8	400539

Analysis Batch: 400867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-3	P-275-CM-23A	Total/NA	Water	200.8	400403
480-131439-5	P-275-CM-24A	Total/NA	Water	200.8	400403
480-131439-9	P-275-KS-25A	Total/NA	Water	200.8	400403
480-131439-13	P-333-KS-35A	Total/NA	Water	200.8	400403
480-131439-17	P-296-CM-58A	Total/NA	Water	200.8	400403
480-131439-19	H-200-DW-47A	Total/NA	Water	200.8	400403
480-131439-21	H-200-DW-48A	Total/NA	Water	200.8	400403
480-131439-23	H-200-CM-49A	Total/NA	Water	200.8	400403
480-131439-25	H-200-KS-27A	Total/NA	Water	200.8	400403
480-131439-27	H-200-KS-28A	Total/NA	Water	200.8	400403
480-131439-29	H-200-KS-29A	Total/NA	Water	200.8	400403
480-131439-31	H-200-KS-51A	Total/NA	Water	200.8	400403
480-131439-33	H-200-IM-52A	Total/NA	Water	200.8	400403
480-131439-35	H-200-CM-50A	Total/NA	Water	200.8	400403
480-131439-37	H-200-KS-53A	Total/NA	Water	200.8	400403
480-131439-39	H-293-IM-07A	Total/NA	Water	200.8	400403
MB 480-400403/1-A	Method Blank	Total/NA	Water	200.8	400403
LCS 480-400403/2-A	Lab Control Sample	Total/NA	Water	200.8	400403
480-131439-3 MS	P-275-CM-23A	Total/NA	Water	200.8	400403
480-131439-3 MSD	P-275-CM-23A	Total/NA	Water	200.8	400403
480-131439-39 MS	H-293-IM-07A	Total/NA	Water	200.8	400403
480-131439-39 MSD	H-293-IM-07A	Total/NA	Water	200.8	400403

Analysis Batch: 401026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-41	H-293-IM-08A	Total/NA	Water	200.8	400405
480-131439-43	T-504-KS-29A	Total/NA	Water	200.8	400405
480-131439-45	T-504-KS-30A	Total/NA	Water	200.8	400405
480-131439-47	T-504-KS-31A	Total/NA	Water	200.8	400405
480-131439-49	T-504-KS-32A	Total/NA	Water	200.8	400405
480-131439-51	T-504-KS-33A	Total/NA	Water	200.8	400405
480-131439-53	T-504-WC-27A	Total/NA	Water	200.8	400405
480-131439-55	T-504-WC-28A	Total/NA	Water	200.8	400405
MB 480-400405/1-A	Method Blank	Total/NA	Water	200.8	400405
LCS 480-400405/2-A	Lab Control Sample	Total/NA	Water	200.8	400405
480-131439-41 MS	H-293-IM-08A	Total/NA	Water	200.8	400405
480-131439-41 MSD	H-293-IM-08A	Total/NA	Water	200.8	400405

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
 Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: P-275-IM-22A

Lab Sample ID: 480-131439-1

Matrix: Water

Date Collected: 02/16/18 07:36
 Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			400539	02/20/18 08:36	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400866	02/20/18 22:48	JRK	TAL BUF

Client Sample ID: P-275-CM-23A

Lab Sample ID: 480-131439-3

Matrix: Water

Date Collected: 02/16/18 07:47
 Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 00:02	JRK	TAL BUF

Client Sample ID: P-275-CM-24A

Lab Sample ID: 480-131439-5

Matrix: Water

Date Collected: 02/16/18 08:05
 Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 00:23	JRK	TAL BUF

Client Sample ID: P-275-IM-31A

Lab Sample ID: 480-131439-7

Matrix: Water

Date Collected: 02/16/18 08:49
 Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			400539	02/20/18 08:36	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400866	02/20/18 22:53	JRK	TAL BUF

Client Sample ID: P-275-KS-25A

Lab Sample ID: 480-131439-9

Matrix: Water

Date Collected: 02/16/18 09:00
 Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 00:28	JRK	TAL BUF

Client Sample ID: P-333-KS-34A

Lab Sample ID: 480-131439-11

Matrix: Water

Date Collected: 02/16/18 09:34
 Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			400539	02/20/18 08:36	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400866	02/20/18 22:59	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Client Sample ID: P-333-KS-35A

Date Collected: 02/16/18 09:38

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 00:50	JRK	TAL BUF

Client Sample ID: P-296-CM-57A

Date Collected: 02/16/18 09:58

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			400539	02/20/18 08:36	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400866	02/20/18 23:04	JRK	TAL BUF

Client Sample ID: P-296-CM-58A

Date Collected: 02/16/18 10:05

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 00:55	JRK	TAL BUF

Client Sample ID: H-200-DW-47A

Date Collected: 02/16/18 11:44

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:00	JRK	TAL BUF

Client Sample ID: H-200-DW-48A

Date Collected: 02/16/18 11:47

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:06	JRK	TAL BUF

Client Sample ID: H-200-CM-49A

Date Collected: 02/16/18 12:00

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:11	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: H-200-KS-27A

Date Collected: 02/16/18 12:05
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:16	JRK	TAL BUF

Client Sample ID: H-200-KS-28A

Date Collected: 02/16/18 12:09
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:21	JRK	TAL BUF

Client Sample ID: H-200-KS-29A

Date Collected: 02/16/18 12:12
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:27	JRK	TAL BUF

Client Sample ID: H-200-KS-51A

Date Collected: 02/16/18 12:15
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:32	JRK	TAL BUF

Client Sample ID: H-200-IM-52A

Date Collected: 02/16/18 12:18
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:37	JRK	TAL BUF

Client Sample ID: H-200-CM-50A

Date Collected: 02/16/18 12:33
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 01:59	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
 Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: H-200-KS-53A

Date Collected: 02/16/18 12:43
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 02:04	JRK	TAL BUF

Client Sample ID: H-293-IM-07A

Date Collected: 02/16/18 13:16
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400403	02/19/18 08:55	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400867	02/21/18 02:09	JRK	TAL BUF

Client Sample ID: H-293-IM-08A

Date Collected: 02/16/18 13:23
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-41

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 08:59	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 15:59	JRK	TAL BUF

Client Sample ID: T-504-KS-29A

Date Collected: 02/16/18 13:52
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 08:59	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 16:25	JRK	TAL BUF

Client Sample ID: T-504-KS-30A

Date Collected: 02/16/18 13:56
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 08:59	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 16:30	JRK	TAL BUF

Client Sample ID: T-504-KS-31A

Date Collected: 02/16/18 13:58
 Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-47

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 08:59	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 16:52	JRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: CHA Inc
Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Client Sample ID: T-504-KS-32A

Date Collected: 02/16/18 14:01
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 08:59	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 16:57	JRK	TAL BUF

Client Sample ID: T-504-KS-33A

Date Collected: 02/16/18 14:04
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-51

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 08:59	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 17:03	JRK	TAL BUF

Client Sample ID: T-504-WC-27A

Date Collected: 02/16/18 14:24
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-53

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 09:00	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 17:08	JRK	TAL BUF

Client Sample ID: T-504-WC-28A

Date Collected: 02/16/18 14:27
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			400405	02/19/18 09:00	JAK	TAL BUF
Total/NA	Analysis	200.8		1	401026	02/21/18 17:13	JRK	TAL BUF

Client Sample ID: W-304-CM-11A

Date Collected: 02/16/18 14:50
Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-57

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			400539	02/20/18 08:36	JAK	TAL BUF
Total/NA	Analysis	200.8		1	400866	02/20/18 23:46	JRK	TAL BUF

Laboratory References:

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

TestAmerica Buffalo

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	NY455	06-30-18
Analysis Method	Prep Method	Matrix	Analyte	

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Method Summary

Client: CHA Inc

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

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

TestAmerica Job ID: 480-131439-1

Project/Site: Bergen County NJ - Drinking Water Lead

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-131439-1	P-275-IM-22A	Water	02/16/18 07:36	02/17/18 00:45
480-131439-3	P-275-CM-23A	Water	02/16/18 07:47	02/17/18 00:45
480-131439-5	P-275-CM-24A	Water	02/16/18 08:05	02/17/18 00:45
480-131439-7	P-275-IM-31A	Water	02/16/18 08:49	02/17/18 00:45
480-131439-9	P-275-KS-25A	Water	02/16/18 09:00	02/17/18 00:45
480-131439-11	P-333-KS-34A	Water	02/16/18 09:34	02/17/18 00:45
480-131439-13	P-333-KS-35A	Water	02/16/18 09:38	02/17/18 00:45
480-131439-15	P-296-CM-57A	Water	02/16/18 09:58	02/17/18 00:45
480-131439-17	P-296-CM-58A	Water	02/16/18 10:05	02/17/18 00:45
480-131439-19	H-200-DW-47A	Water	02/16/18 11:44	02/17/18 00:45
480-131439-21	H-200-DW-48A	Water	02/16/18 11:47	02/17/18 00:45
480-131439-23	H-200-CM-49A	Water	02/16/18 12:00	02/17/18 00:45
480-131439-25	H-200-KS-27A	Water	02/16/18 12:05	02/17/18 00:45
480-131439-27	H-200-KS-28A	Water	02/16/18 12:09	02/17/18 00:45
480-131439-29	H-200-KS-29A	Water	02/16/18 12:12	02/17/18 00:45
480-131439-31	H-200-KS-51A	Water	02/16/18 12:15	02/17/18 00:45
480-131439-33	H-200-IM-52A	Water	02/16/18 12:18	02/17/18 00:45
480-131439-35	H-200-CM-50A	Water	02/16/18 12:33	02/17/18 00:45
480-131439-37	H-200-KS-53A	Water	02/16/18 12:43	02/17/18 00:45
480-131439-39	H-293-IM-07A	Water	02/16/18 13:16	02/17/18 00:45
480-131439-41	H-293-IM-08A	Water	02/16/18 13:23	02/17/18 00:45
480-131439-43	T-504-KS-29A	Water	02/16/18 13:52	02/17/18 00:45
480-131439-45	T-504-KS-30A	Water	02/16/18 13:56	02/17/18 00:45
480-131439-47	T-504-KS-31A	Water	02/16/18 13:58	02/17/18 00:45
480-131439-49	T-504-KS-32A	Water	02/16/18 14:01	02/17/18 00:45
480-131439-51	T-504-KS-33A	Water	02/16/18 14:04	02/17/18 00:45
480-131439-53	T-504-WC-27A	Water	02/16/18 14:24	02/17/18 00:45
480-131439-55	T-504-WC-28A	Water	02/16/18 14:27	02/17/18 00:45
480-131439-57	W-304-CM-11A	Water	02/16/18 14:50	02/17/18 00:45

TestAmerica Buffalo

10 Hazewood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

Client Information		Sampler:	Lab P.M.	Car.	COC No.
Client Contact	Mr. Scott Rosecrans	Phone:	Rosecrans / Roche	Stone, Judy L	480-109268-25421.1
Company	CHA Inc	Company		E-Mail:	Page 1 of 166
Address:	111 Winners Circle PO BOX 5269	Due Date Requested:	Analysis Requested		
City:	Albany	TAT Requested (days):	10 Day		
State, Zip	NY, 12205-0269	PO #:	31521		
Phone:	518-453-4500 (Tel)	WO #:			
Email:	srosecrans@chacompanies.com	Project #:	48017558		
Project Name:	Bergen County NJ - Drinking Water Lead	SSOW#:			
Site:					
Sample Identification					
P.	275 . IM . 22A	Sample Date	2-16-18	Sample Time	7:36
D.	275 . IM . 22B		1		6
P.	275 . CM . 23A				Water
P.	275 . CM . 23B				Water
P.	275 . CM . 24A				Water
P.	275 . CM . 24B				Water
P.	275 . IM . 31A				Water
P.	275 . IM . 31B				Water
P.	275 . KS . 25A				Water
P.	275 . KS . 25B				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:	Scott Rosecrans	Date/Time:	2-16-18 / 1749	Company	Received by:
Relinquished by:	Karen	Date/Time:	2-16-18 1815	Company	Received by:
Relinquished by:		Date/Time:		Company	Received by:
Custody Seals Intact:	Custody Seal No.:	Time:			
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No				
Sample Disposal (A field 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:					
Method of Shipment:					
Date:	Date:	Date/Time:	Date/Time:	Date/Time:	Date/Time:
Relinquished by:	Scott Rosecrans	Date/Time:	2-16-18 / 1749	Company	Received by:
Relinquished by:	Karen	Date/Time:	2-16-18 1815	Company	Received by:
Relinquished by:		Date/Time:		Company	Received by:

Ver. 08/04/2016

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TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:

Mr. Scott Rosecrans
Company: CHA Inc

Address: 1111 Winners Circle PO BOX 5269

City: Albany

State, Zip: NY, 12205-0269

Phone: 518-453-4500(Tel)

E-mail: sroscrans@chacompanies.com

Project Name: Bergen County NJ - Drinking Water Lead

Site:

Sampler: Rosecrans / Rosecrans
Phone: (716) 691-2600
Company: CHA Inc
Carrier Tracking No(s):
E-Mail: judy.stone@testamericanainc.com

Analysis Requested

Due Date Requested:	TAT Requested (days):	200.8 - SDWA - Lead		
	<u>10 Day</u>			
PO #:	31521	Field Filtered Sample (Yes or No)		
WO #:		Perform MS/MSD (Yes or No)		
Project #:	48017558			
SSOW#:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil-Water, Btissue, AS/Air)	Preservation Code:	Special Instructions/Note:	
						D	Hold
P. 333-KS-34A	2-16-18	1:34	C	Water			
P. 333-KS-34B		9:35		Water			
P. 333-KS-35A		9:38		Water			
P. 333-KS-35B		9:39		Water			
P. 296-CM-57A		9:58		Water			
P. 296-CM-57B		9:59		Water			
P. 296-CM-58A		10:05		Water			
P. 296-CM-58B		10:06		Water			
H. 200-DW-47A		11:44		Water			
H. 200-DW-47B		11:45		Water			
<u>80% Lead</u>							

Possible Hazard Identification

- Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Empty Kit Relinquished by:

Relinquished by	Date/Time:	Company	Received by	Date/Time:	Method of Shipment:
<u>Seth Rosecrans</u>	2-16-18 / 1745	Company	<u>K. O.</u>	Date 2-16-18 1745	Company
<u>Tom Kowalcyk</u>	2-16-18 1815	Company	<u>M.</u>	Dated 2-17-18 0045	Company
Reinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Cooler Temperature(s) °C and Other Remarks:

0.5, 0.5 #1

Ver. 08/04/2016

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TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:
Mr. Scott Rosecrans

Company:
CHA Inc

Address:
111 Winners Circle PO BOX 5269

City:
Albany

State/Zip:
NY, 12205-0269

Phone:
518-453-4500(Tel)

Email:
sroscrans@chacompanies.com

Project Name:
Bergen County NJ - Drinking Water Lead

Site:
SSOW#:

Client Information		Sampler: <u>Rosecrans / Rocke</u>	Lab PM: <u>Judy L Stone</u>	Carrier Tracking No(s):	COC No. 480-109268-25421-3	
		Phone: <u></u>	E-Mail: <u>judy.stone@testamericainc.com</u>	Date:	Page: Page 3 of 106	
		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 Other:				
		Total Number of Containers				
		200.8 - SDWA - Lead				
		Petroform MS/MSD (yes or No)				
		Field Filtered Sample (yes or No)				
		200.8 - SDWA - Lead				
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil/Water/Oil, BTF/Tissue, Air/Air)	
		Preservation Code: D				
14. 200 . DW . 48A	2-16-18	11:47	G	Water	<u>Hold</u>	
14. 200 . DW . 48B		11:48		Water	<u>Hold</u>	
14. 200 . CM . 49A		12:03		Water	<u>Hold</u>	
14. 200 . CM . 49B		12:01		Water	<u>Hold</u>	
14. 200 . KS . 27A		12:05		Water	<u>Hold</u>	
14. 200 . KS . 27B		12:06		Water	<u>Hold</u>	
14. 200 . KS . 28A		12:09		Water	<u>Hold</u>	
14. 200 . KS . 28B		12:10		Water	<u>Hold</u>	
14. 200 . IS . 29A		12:12		Water	<u>Hold</u>	
14. 200 . KS . 29B		12:13		Water	<u>Hold</u>	
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>Scott Rosecrans</u>	Date/Time: <u>2-16-18 / 1745</u>	Company: <u></u>	Received By: <u>TJ</u>	Date/Time: <u>2-16-18 1745</u>	Company: <u>TJ</u>	
Relinquished by: <u>Karen Mungar</u>	Date/Time: <u>2-16-18 1815</u>	Company: <u>TJ</u>	Received By: <u>LJ</u>	Date/Time: <u>2-17-18 0045</u>	Company: <u>LJ</u>	
Custody Seals Intact: <input type="checkbox"/> Custody Seal No.: <u>05.03</u> <input checked="" type="checkbox"/> #1						
Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: <u>△ Yes △ No</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"/> Disposed By Lab <input type="checkbox"/> Archive For Months						
Method of Shipment:						
Relinquished by: <u>Scott Rosecrans</u>	Date/Time: <u>2-16-18 / 1745</u>	Company: <u></u>	Received By: <u>TJ</u>	Date/Time: <u>2-16-18 1745</u>	Company: <u>TJ</u>	
Relinquished by: <u>Karen Mungar</u>	Date/Time: <u>2-16-18 1815</u>	Company: <u>TJ</u>	Received By: <u>LJ</u>	Date/Time: <u>2-17-18 0045</u>	Company: <u>LJ</u>	
Colder Temperature(s) °C and Other Remarks:						

TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:
Mr. Scott Rosecrans

Company:
CHA Inc.

Address:
111 Winners Circle PO BOX 5269

City:
Albany

State, Zip:
NY, 12205-0269

Phone:
518-453-4500(Tel)

Email:
srosecrans@chacompanies.com

Project Name:
Bergen County NJ - Drinking Water Lead

Site:
SSOW#:

Client Information		Sampler: Rosecrans, Roche Phone: Lab PM: Stone, Judy L E-Mail: judy.stone@testamericancainc.com	Carrier Tracking No(s): COC No: 480-109268-254214 Page: Page 4 of 306 Job #:																																																
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0.5, 0.3 #1																																																			



TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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Client Information		Sampler <u>Rosecrans / Roche</u>	Lab PM: Stone, Judy L	Carrier Tracking No(s): COC No: 480-109268-25421.5		
Client Contact: Mr. Scott Rosecrans	Phone: 111 Winners Circle PO BOX 5269	E-Mail: judy.stone@testamericainc.com	Page: Page 5 of 166			
Company: CHA Inc	Address: City Albany	Analysis Requested				
Address: 111 Winners Circle PO BOX 5269	TAT Requested (days): <u>10 Day</u>	Preservation Codes:				
City Albany	Due Date Requested:	A - HCl	M - Hexane			
State, Zip NY, 12205-0269	PO #:	B - NaOH	N - None			
Phone: 518-453-4500(Tel)	WO #:	C - Zn Acetate	O - AskaO2			
Email: sroscrans@chacompanies.com	Project #: 48017558	D - Nitric Acid	P - Na2O4S			
Project Name: Bergen County NJ - Drinking Water Lead	SSOW#:	E - NaHSO4	Q - Na2SO3			
Site: Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab) Bf=Tissue, Aair)	Matrix (W=water, S=solid, O=waste oil, Bf=Tissue, Aair)	Preservation Code:	Special Instructions/Note:
14-293-IM-08A	2-16-18	1323	G	Water	D	
14-293-EM-08B		1324		Water	J	<i>Hold</i>
1-504-KS-29A		1352		Water	J	
1-504-KS-24B		1353		Water	J	<i>Hold</i>
1-504-KS-30A		1354		Water	J	
1-504-KS-30B		1357		Water	J	<i>Hold</i>
1-504-KS-31A		1358		Water	J	
1-504-KS-31B		1359		Water	J	<i>Hold</i>
1-504-KS-32A		1461		Water	J	
1-504-KS-32B		1462		Water	J	<i>Hold</i>
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
Empty Kit Relinquished by:						Special Instructions/QC Requirements:
Relinquished by: <u>Scott Rosecrans</u>	Date/Time: 2-16-18/1745	Company 1815 TA	Received by: <u>John</u>	Date/Time: 2-16-18/1745	Method of Shipment: Carrier	
Relinquished by: <u>John</u>	Date/Time: 2-16-18/1815	Company 1815 TA	Received by: <u>John</u>	Date/Time: 2-17-18/0645	Method of Shipment: Carrier	
Relinquished by: <u>John</u>	Date/Time: 2-16-18/1815	Company 1815 TA	Received by: <u>John</u>	Date/Time: 2-17-18/0645	Method of Shipment: Carrier	
Custody Seals Intact: △ Yes ▲ No		Colder Temperature(s) °C and Other Remarks: <u>0.5, 0.5</u> <u>#1</u>				

Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact
Mr. Scott Rosecrans

Company
CHA Inc

Client Information		Sampler: <u>Rosecrans / Robbie</u>	Lab PN: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-8-25421-6			
		Phone: _____	E-Mail: judy.stone@testamericainc.com	Page:	Page 6 of 10 <u>6</u>			
		Job #:						
Address: 111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel) Email: srosecrans@chacompanies.com Project Name: Bergen County NJ - Drinking Water Lead Site: SSOW#:		Analysis Requested				Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2CO3 E - NaHSO4 Q - Na2S2O3 F - MeOH R - Na2S2O3 G - Amthor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCA/A K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: _____		
						Total Number of Containers:		
						Special Instructions/Note:		
Due Date Requested: TAT Requested (days): <u>10 Day</u>						200-8-SDWA - Lead Field Filtered Sample (yes or no): Petroform MS/MSD (yes or no):		
PO #: 31521 WO #: Project #: 48017558								
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, S=wastewater, G=solid, O=ocean oil, B=tissue, A=air)	Preservation Code:		
<u>T-504-KS-33A</u>		<u>2-16-18</u>	<u>1404</u>	<u>C</u>	<u>Water</u>	<u>D</u>		
<u>T-504-WE-27A</u>		<u>1405</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>T-504-WC-27B</u>		<u>1424</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>T-504-WC-28A</u>		<u>1425</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>T-504-WE-28B</u>		<u>1427</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>W-304-CM-11A</u>		<u>1428</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>W-304-CM-11B</u>		<u>1450</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>W-304-CM-11C</u>		<u>1451</u>	<u></u>	<u>Water</u>	<u></u>	<u>Hold</u>		
<u>Joff</u>		<u></u>	<u></u>	<u>Water</u>	<u></u>	<u></u>		
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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Deliverable Requested: I, II, III, IV, Other (specify)						<input type="checkbox"/> Return To Client		<input type="checkbox"/> Disposal By Lab
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:				
Relinquished by:	<u>Scott Rosecrans</u>	Date/Time: <u>2-16-18 / 1745</u>	Company: <u>TA</u>	Received by: <u>John</u>	Date/Time: <u>2-16-18 / 1745</u>	Company: <u>TA</u>	Received by: <u>John</u>	
Relinquished by:	<u>Karen</u>	Date/Time: <u>2-16-18 / 1815</u>	Company: <u>TA</u>	Received by: <u>John</u>	Date/Time: <u>2-17-18 / 0845</u>	Company: <u>TA</u>	Received by: <u>John</u>	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <u>05 02 #1</u>				Cooler Temperature(s) °C and Other Remarks: <u>10</u>		

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-131439-1

Login Number: 131439

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	

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: 480-131439-2

Client Project/Site: Bergen County NJ - Drinking Water Lead

For:

CHA Inc

111 Winners Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Rogina Camilli



Authorized for release by:

2/27/2018 9:20:37 AM

Judy Stone, Senior Project Manager

(484)685-0868

judy.stone@testamericainc.com

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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

TestAmerica Job ID: 480-131439-2

Project/Site: Bergen County NJ - Drinking Water Lead

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.	1
%	Listed under the "D" column to designate that the result is reported on a dry weight basis	2
%R	Percent Recovery	3
CFL	Contains Free Liquid	4
CNF	Contains No Free Liquid	5
DER	Duplicate Error Ratio (normalized absolute difference)	6
Dil Fac	Dilution Factor	7
DL	Detection Limit (DoD/DOE)	8
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	9
DLC	Decision Level Concentration (Radiochemistry)	10
EDL	Estimated Detection Limit (Dioxin)	11
LOD	Limit of Detection (DoD/DOE)	12
LOQ	Limit of Quantitation (DoD/DOE)	13
MDA	Minimum Detectable Activity (Radiochemistry)	14
MDC	Minimum Detectable Concentration (Radiochemistry)	1
MDL	Method Detection Limit	2
ML	Minimum Level (Dioxin)	3
NC	Not Calculated	4
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	5
PQL	Practical Quantitation Limit	6
QC	Quality Control	7
RER	Relative Error Ratio (Radiochemistry)	8
RL	Reporting Limit or Requested Limit (Radiochemistry)	9
RPD	Relative Percent Difference, a measure of the relative difference between two points	10
TEF	Toxicity Equivalent Factor (Dioxin)	11
TEQ	Toxicity Equivalent Quotient (Dioxin)	12

Case Narrative

Client: CHA Inc
Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-2

Job ID: 480-131439-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-131439-2

Receipt

The samples were received on 2/17/2018 12:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.3° C and 0.5° C.

Receipt Exceptions

The following samples were activated by the client on 2/23/18: P-275-CM-23B (480-131439-4), P-275-CM-24B (480-131439-6), P-333-KS-34B (480-131439-12) and W-304-CM-11B (480-131439-58).

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 - Drinking Water Lead

TestAmerica Job ID: 480-131439-2

Client Sample ID: P-275-CM-23B

Lab Sample ID: 480-131439-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	1.9		1.0	0.17	ug/L	1		200.8	Total/NA

Client Sample ID: P-275-CM-24B

Lab Sample ID: 480-131439-6

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

Client Sample ID: P-333-KS-34B

Lab Sample ID: 480-131439-12

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

Client Sample ID: W-304-CM-11B

Lab Sample ID: 480-131439-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pb	3.1		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

TestAmerica Job ID: 480-131439-2

Project/Site: Bergen County NJ - Drinking Water Lead

Client Sample ID: P-275-CM-23B

Date Collected: 02/16/18 07:48

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-4

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	1.9		1.0	0.17	ug/L		02/23/18 12:17	02/23/18 18:05	1

Client Sample ID: P-275-CM-24B

Date Collected: 02/16/18 08:06

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-6

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	114		1.0	0.17	ug/L		02/23/18 12:17	02/23/18 18:43	1

Client Sample ID: P-333-KS-34B

Date Collected: 02/16/18 09:35

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	2.5		1.0	0.17	ug/L		02/23/18 12:17	02/23/18 18:48	1

Client Sample ID: W-304-CM-11B

Date Collected: 02/16/18 14:51

Date Received: 02/17/18 00:45

Lab Sample ID: 480-131439-58

Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	3.1		1.0	0.17	ug/L		02/23/18 12:17	02/23/18 18:53	1

QC Sample Results

Client: CHA Inc

TestAmerica Job ID: 480-131439-2

Project/Site: Bergen County NJ - Drinking Water Lead

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-401301/1-A

Matrix: Water

Analysis Batch: 401442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 401301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pb	ND		1.0	0.17	ug/L		02/23/18 12:17	02/23/18 17:55	1

Lab Sample ID: LCS 480-401301/2-A

Matrix: Water

Analysis Batch: 401442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 401301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Pb	20.0	21.32		ug/L		107	85 - 115

Lab Sample ID: 480-131439-4 MS

Matrix: Water

Analysis Batch: 401442

Client Sample ID: P-275-CM-23B

Prep Type: Total/NA

Prep Batch: 401301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Pb	1.9		20.0	21.50		ug/L		98	70 - 130

Lab Sample ID: 480-131439-4 MSD

Matrix: Water

Analysis Batch: 401442

Client Sample ID: P-275-CM-23B

Prep Type: Total/NA

Prep Batch: 401301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD	Limit
Pb	1.9		20.0	21.91		ug/L		100	70 - 130	2	20

QC Association Summary

Client: CHA Inc

Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-2

Metals

Prep Batch: 401301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-4	P-275-CM-23B	Total/NA	Water	200 Series	
480-131439-6	P-275-CM-24B	Total/NA	Water	200 Series	
480-131439-12	P-333-KS-34B	Total/NA	Water	200 Series	
480-131439-58	W-304-CM-11B	Total/NA	Water	200 Series	
MB 480-401301/1-A	Method Blank	Total/NA	Water	200 Series	
LCS 480-401301/2-A	Lab Control Sample	Total/NA	Water	200 Series	
480-131439-4 MS	P-275-CM-23B	Total/NA	Water	200 Series	
480-131439-4 MSD	P-275-CM-23B	Total/NA	Water	200 Series	

Analysis Batch: 401442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-131439-4	P-275-CM-23B	Total/NA	Water	200.8	401301
480-131439-6	P-275-CM-24B	Total/NA	Water	200.8	401301
480-131439-12	P-333-KS-34B	Total/NA	Water	200.8	401301
480-131439-58	W-304-CM-11B	Total/NA	Water	200.8	401301
MB 480-401301/1-A	Method Blank	Total/NA	Water	200.8	401301
LCS 480-401301/2-A	Lab Control Sample	Total/NA	Water	200.8	401301
480-131439-4 MS	P-275-CM-23B	Total/NA	Water	200.8	401301
480-131439-4 MSD	P-275-CM-23B	Total/NA	Water	200.8	401301

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Lab Chronicle

Client: CHA Inc

TestAmerica Job ID: 480-131439-2

Project/Site: Bergen County NJ - Drinking Water Lead

Client Sample ID: P-275-CM-23B

Lab Sample ID: 480-131439-4

Matrix: Water

Date Collected: 02/16/18 07:48

Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			401301	02/23/18 12:17	SMF	TAL BUF
Total/NA	Analysis	200.8		1	401442	02/23/18 18:05	JRK	TAL BUF

Client Sample ID: P-275-CM-24B

Lab Sample ID: 480-131439-6

Matrix: Water

Date Collected: 02/16/18 08:06

Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			401301	02/23/18 12:17	SMF	TAL BUF
Total/NA	Analysis	200.8		1	401442	02/23/18 18:43	JRK	TAL BUF

Client Sample ID: P-333-KS-34B

Lab Sample ID: 480-131439-12

Matrix: Water

Date Collected: 02/16/18 09:35

Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			401301	02/23/18 12:17	SMF	TAL BUF
Total/NA	Analysis	200.8		1	401442	02/23/18 18:48	JRK	TAL BUF

Client Sample ID: W-304-CM-11B

Lab Sample ID: 480-131439-58

Matrix: Water

Date Collected: 02/16/18 14:51

Date Received: 02/17/18 00:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200 Series			401301	02/23/18 12:17	SMF	TAL BUF
Total/NA	Analysis	200.8		1	401442	02/23/18 18:53	JRK	TAL BUF

Laboratory References:

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

TestAmerica Buffalo

Accreditation/Certification Summary

Client: CHA Inc

Project/Site: Bergen County NJ - Drinking Water Lead

TestAmerica Job ID: 480-131439-2

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New Jersey	NELAP	2	NY455	06-30-18
Analysis Method	Prep Method	Matrix	Analyte	

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Method Summary

Client: CHA Inc

TestAmerica Job ID: 480-131439-2

Project/Site: Bergen County NJ - Drinking Water Lead

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 - Drinking Water Lead

TestAmerica Job ID: 480-131439-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-131439-4	P-275-CM-23B	Water	02/16/18 07:48	02/17/18 00:45
480-131439-6	P-275-CM-24B	Water	02/16/18 08:06	02/17/18 00:45
480-131439-12	P-333-KS-34B	Water	02/16/18 09:35	02/17/18 00:45
480-131439-58	W-304-CM-11B	Water	02/16/18 14:51	02/17/18 00:45

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TestAmerica Buffalo

TestAmerica Buffalo

10 Hazewood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

Client Information		Sampler:	Lab P.M.	Car.	COC No.
Client Contact	Mr. Scott Rosecrans	Phone:	Rosecrans / Roche	Stone, Judy L	480-109268-25421.1
Company	CHA Inc	Company		E-Mail:	Page 1 of 16 <i>6</i>
Address:	111 Winners Circle PO BOX 5269	Due Date Requested:	Analysis Requested		
City:	Albany	TAT Requested (days):	10 Day		
State, Zip	NY, 12205-0269	PO #:	31521		
Phone:	518-453-4500 (Tel)	WO #:			
Email:	srosecrans@chacompanies.com	Project #:	48017558		
Project Name:	Bergen County NJ - Drinking Water Lead	SSOW#:			
Site:					
Sample Identification					
Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w/water, g/gasoline, o/octane, B/tissue, A/Air)	Preservation Code:
P. 275 . IM . 22A	2-16-18	7:36	G	Water	D
P. 275 . IM . 22B		7:37	I	Water	<i>Hold</i>
P. 275 . CM . 23A		7:47	I	Water	
P. 275 . CM . 23B		7:48	I	Water	<i>Hold</i>
P. 275 . CM . 24A		8:05	I	Water	<i>Hold</i>
P. 275 . CM . 24B		8:06	I	Water	<i>Hold</i>
P. 215 . IH . 31A		8:49	I	Water	
P. 215 . IH . 31B		8:50	I	Water	<i>Hold</i>
P. 275 . KS . 25A		9:00	I	Water	<i>Hold</i>
P. 275 . KS . 25B		9:01	I	Water	<i>Hold</i>
<i>John H.</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					
Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by:					
Relinquished by:	Scott Rosecrans	Date/Time:	2-16-18 / 1749	Company	Received by:
Relinquished by:	<i>John H.</i>	Date/Time:	2-16-18 1815	Company	Received by:
Relinquished by:		Date/Time:		Company	Received by:
Sample Disposal (A box 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:					
Relinquished by:	Scott Rosecrans	Date/Time:	2-16-18 1745	Company	Received by:
Relinquished by:	<i>John H.</i>	Date/Time:	2-17-18 0045	Company	Received by:
Cooler Temperature(s) °C and Other Remarks:					
△ Yes △ No	0.5, 0.5 <i>#1</i>				

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TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:

Mr. Scott Rosecrans
Company: CHA Inc

Address: 1111 Winners Circle PO BOX 5269

City: Albany

State, Zip: NY, 12205-0269

Phone: 518-453-4500(Tel)

E-mail: sroscrans@chacompanies.com

Project Name: Bergen County NJ - Drinking Water Lead

Site:

Sampler: Rosecrans / Rosecrans
Phone: (716) 691-2600
Company: CHA Inc
Carrier Tracking No(s):
E-Mail: judy.stone@testamericanainc.com

Analysis Requested

Due Date Requested:	TAT Requested (days):	200.8 - SDWA - Lead		
	<u>10 Day</u>			
PO #:	31521	Field Filtered Sample (Yes or No)		
WO #:		Perform MS/MSD (Yes or No)		
Project #:	48017558			
SSOW#:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil-Water, Oil-Tissue, Ash)	Preservation Code:	Special Instructions/Note:
P. 333-KS-34A	2-16-18	1:34	C	Water	D	<u>Hold</u>
P. 333-KS-34B		9:35		Water		<u>Hold</u>
P. 333-KS-35A		9:38		Water		
P. 333-KS-35B		9:39		Water		<u>Hold</u>
P. 296-CM-57A		9:58		Water		
P. 296-CM-57B		9:59		Water		<u>Hold</u>
P. 296-CM-58A		10:05		Water		
P. 296-CM-58B		10:06		Water		<u>Hold</u>
H. 200-DW-47A		11:44		Water		
H. 200-DW-47B		11:45		Water		<u>Hold</u>
<u>80% Lead</u>						

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

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

Empty Kit Relinquished by: Date: Time: Method of Shipment:
 Relinquished by: Seth Rosecrans Date/Time: 2-16-18 / 1745 Received by: K. Oren Date/Time: 2-16-18 / 1745 Company: TestAmerica Company: TestAmerica Company: TestAmerica

Relinquished by: Tim Kowalcyk Date/Time: 2-16-18 / 1815 Received by: Will Date/Time: 2-17-18 / 0045 Company: TestAmerica Company: TestAmerica Company: TestAmerica

Custody Seals Intact: Custody Seal No.: 050511 #1

△ Yes △ No

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

Special Instructions/QC Requirements:

Cooler Temperature(s) °C and Other Remarks:
0.5, 0.5 #1

Ver. 08/04/2016

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TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:
Mr. Scott Rosecrans

Company:
CHA Inc

Client Information	Sampler: <u>Rosecrans / Rocke</u>	Lab PM: Stone, Judy L	Carrier Tracking No(s):
Company:	Phone: judy.stone@testamericainc.com	E-Mail:	COC No. 480-109268-25421-3

Analysis Requested			
Address: 111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500(Tel) Email: srosecrans@chacompanies.com Project Name: Bergen County NJ - Drinking Water Lead Site: SSOW#:	Due Date Requested: 10 Day	TAT Requested (days): 10 Day	Total Number of Containers: 200.8-SDWA - Lead
Petroform MS/MSD (yes or No): Filterd Sample (yes or No)			
Preservation Codes: A - HCl B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - Na2SO3 G - Ammonium H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - ASNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:			
Special Instructions/Note: Hold			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab) Preservation Code:	Matrix (Water, Solid, Oil/Water/Oil, BTF/Tissue, A/Air)
14. 200 . DW . 48A	2-16-18	11:47	G	Water
14. 200 . DW . 48B		11:48		Water
14. 200 . CM . 49A		12:03		Water
14. 200 . CM . 49B		12:01		Water
14. 200 . KS . 27A		12:05		Water
14. 200 . KS . 27B		12:06		Water
14. 200 . KS . 28A		12:09		Water
14. 200 . KS . 28B		12:10		Water
14. 200 . IS . 29A		12:12		Water
14. 200 . KS . 29B		12:13		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:

Relinquished by: Scott Rosecrans Date/Time: 2-16-18 / 1745 Company: TA Received by: Judy L Method of Shipment: Return To Client

Relinquished by: Karen Wmeyer Date/Time: 2-16-18 1815 Company: TA Received by: Judy L Date/Time: 2-17-18 0045 Company: TA

Relinquished by: Date/Time: Company: Received by: Date/Time: Company:

Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: <u>#1</u>	Cooler Temperature(s) °C and Other Remarks: <u>0.5, 0.3</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Ver: 08/04/2016

TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact:
Mr. Scott Rosecrans

Company:
CHA Inc.

Client Information		Sampler: <u>Rosecrans, Roche</u> Phone: _____	Lab PM: <u>Judy L Stone</u> E-Mail: <u>judy.stone@testamericancainc.com</u>	Carrier Tracking No(s): COC No: 480-109268-254214 Page: Page 4 of 306 Job #:																																																												
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TestAmerica Buffalo

10 Hazelwood Drive
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Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Information		Sampler <u>Rosecrans / Roche</u>	Lab PM: Stone, Judy L	Carrier Tracking No(s): COC No: 480-109265-25421.5																																																																																																				
Client Contact: Mr. Scott Rosecrans	Phone: 111 Winners Circle PO BOX 5269	E-Mail: judy.stone@testamericainc.com	Page: Page 5 of 166	Job #:																																																																																																				
Address: City Albany	Due Date Requested: TAT Requested (days): <u>10 Day</u>	Analysis Requested																																																																																																						
State, Zip NY, 12205-0269	PO #: 518-453-4500(Tel)	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:																																																																																																						
Phone: Email: sroscrans@chacompanies.com	WO #: Project #: 48017558	Total Number of Contaminants: 200.8 - SDWA - Lead Perform MS/MSD (Yes or No): Field Filtered Sample (Yes or No): 200.8 - SDWA - Lead																																																																																																						
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Ver: 08/04/2016

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact
Mr. Scott Rosecrans

Company
CHA Inc

Client Information		Sampler: <u>Rosecrans / Robbie</u>	Lab PN: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-8-25421-6	
		Phone: _____	E-Mail: judy.stone@testamericainc.com	Page:	Page 6 of 10	
		Job #:				
Address: 111 Winners Circle PO BOX 5269 City: Albany State, Zip: NY, 12205-0269 Phone: 518-453-4500 (Tel) Email: srosecrans@chacompanies.com Project Name: Bergen County NJ - Drinking Water Lead Site: _____		Analysis Requested				Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2CO3 E - NaHSO4 Q - Na2S2O3 F - MeOH R - Na2S2O3 G - Amthor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCA/A K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: _____
						Total Number of Containers:
						Special Instructions/Note:
						Field Filtered Sample (yes or no): 200-8 - SDWA - Lead
						Petroform MSD/MSDS (yes or no): Field Filtered Sample (yes or no): 200-8 - SDWA - Lead
						Sample Identification
		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, g=waste, o=waste oil, b=tissue, a=air)	Preservation Code:
		2-16-18	1404	G	Water	D
		T-504-KS-33A	1405		Water	Hold
		T-504-WE-27A	1424		Water	Hold
		T-504-WC-27B	1425		Water	Hold
		T-504-WL-28A	1427		Water	Hold
		T-504-WE-28B	1428		Water	Hold
		W-304-CM-11A	1450		Water	Hold
		W-304-CM-11B	1451		Water	Hold
						Method of Shipment:
		Date:	Time:			
		Relinquished by: <u>Judith Rosecrans</u>	Date/Time: 2-16-18 / 1745	Received by: <u>Judith</u>	Date/Time: 2-16-18 / 1745	Company: <u>TestAmerica</u>
		Relinquished by: <u>Karen</u>	Date/Time: 2-16-18 / 1815	Received by: <u>Karen</u>	Date/Time: 2-17-18 / 0845	Company: <u>TestAmerica</u>
		Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	Company: _____
		Custody Seals Intact: <input checked="" type="checkbox"/> Custody Seal No.: <u>05-02-#1</u>				Cooler Temperature(s) °C and Other Remarks: <u>05-02-#1</u>
						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"/> 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:
		Date:	Time:			
		Relinquished by: <u>Judith Rosecrans</u>	Date/Time: 2-16-18 / 1745	Received by: <u>Judith</u>	Date/Time: 2-16-18 / 1745	Company: <u>TestAmerica</u>
		Relinquished by: <u>Karen</u>	Date/Time: 2-16-18 / 1815	Received by: <u>Karen</u>	Date/Time: 2-17-18 / 0845	Company: <u>TestAmerica</u>
		Relinquished by: _____	Date/Time: _____	Received by: _____	Date/Time: _____	Company: _____

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Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-131439-2

Login Number: 131439

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	

