Lead in Drinking Water Sampling Report

Bergen County Technical Services School District Bergen County, New Jersey

CHA Project Number: 31521.2004

Prepared for:

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Prepared by:



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TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	PROJECT BACKGROUND	1
3.0	SAMPLING APPROACH	2
3.0	3.1 DRINKING WATER OUTLET COUNTs AND LOCATIONs	
	3.2 SAMPLING APPROACH	
	3.3 FIELD ACTIVITIES/OBSERVATIONS	
	3.4 EXCLUSIONS AND LIMITATIONS	
4.0	RESULTS	8
5.0	DATA QUALITY OBJECTIVES AND MEASUREMENT	9
	5.1 LABORATORY QUALITY CONTROL	9
	5.2 FIELD QUALITY CONTROL	
6.0	CONCLUSIONS	10
7.0	RECOMMENDATIONS	11
8.0	REFERENCES	13
TAB	LES	
Table Table	es 1-10 Laboratory Results e 11 Long-Term Response Decision Matrix	
APPI	ENDICES	
11	endix A Sample Location Plans endix B Laboratory Reports	
	• •	



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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 lead in drinking water sampling performed by CHA Consulting, Inc. (CHA) at school buildings within the Bergen County Technical 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:26-12.4). The regulations require sampling during the 2021-2022 school year, and every three years thereafter. The sampling was conducted in accordance with the scope of services outlined in CHA's March 17, 2022 proposal.

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 Data Quality Objectives and Measurement
- Section 6.0 Conclusions
- Section 7.0 Recommendations
- Section 8.0 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) initially by July 13, 2017. CHA completed testing in June 2017, with additional testing in February 2018. The regulations require testing during the 2021-2022 school year (between July 1, 2021 and June 30, 3022). An online Statement of Assurance (SOA) form is due by June 30, 2022. The purpose of the SOA is to confirm that the testing was completed.

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 every third year following the 2021-2022 testing. The next testing is due between July 1, 2024 and June 30, 2025. The sampling and testing results presented in this report constitute the 2021-2022 testing for the Bergen County Technical 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.
 - o A drinking water outlet inventory for each building.
 - o A filter inventory for each building.
 - o Names and responsibilities of all individuals involved in the sampling program.
 - o Procedures to be followed prior to and during sample collection activities.
- Quality Assurance Project Plan (QAPP) includes:
 - o Project Officers names and contact information for each building.
 - Task organization
 - o Data quality objectives and criteria for measurement
 - Identification of analytical methods, chain of custody procedures, data validation process, detection limits, and reporting processes





- Sample handling and custody requirements
- o Field and laboratory quality assurance/quality control (QA/QC) measures

CHA, as Environmental Consultant to, and in conjunction with, the Bergen County Technical 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 AND LOCATIONS

Drinking water outlet counts and locations were based on the Lead Sampling Plan prepared by CHA and confirmed by district facilities personnel associated with each building to be sampled. The drinking water outlet counts and locations for Technical School Program Areas at Ender Hall were based on a walkthrough conducted by CHA personnel on April 12, 2022. 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 buildings and the number of sampling points determined per building are summarized below:

- Adult Education Building, 200 Hackensack Avenue, Hackensack 8 outlets, 4 not sampled
- Small Animal Care, 275 Pascack Road, Paramus 2 outlets, 1 not sampled
- Daycare, 200 Hackensack Avenue, Hackensack 3 outlets, 1 not sampled
- EMS Building, 275 Pascack Road, Paramus 2 outlets
- Environmental Building, 200 Hackensack Avenue, Hackensack 2 outlets, 1 not sampled
- Haz-Mat Building, 275 Pascack Road, Paramus 1 outlet
- Main Building, 200 Hackensack Avenue, Hackensack 53 outlets, 22 not sampled
- Teterboro Campus, 504 Route 46, Teterboro 28 outlets, 1 not sampled
- Vocational School, 275 Pascack Road, Paramus 25 outlets, 5 not sampled
- Ender Hall 400 Paramus Road, Paramus 16 outlets





Based on the Lead Sampling Plan, there are no drinking water outlets at the following three buildings, and as a result, no samples were collected from these three buildings:

- The Barn, 275 Pascack Road, Paramus
- PAL Building, 200 Hackensack Avenue, Hackensack
- HVAC Building, 11 Carol Court, Hackensack

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. In accordance with N.J.A.C. 6A:26-12.4, that period of non-use is at least 8 hours, but no more than 48 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 to 48 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 to 48 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 noncolored 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

H = Hackensack

P = Paramus

T = Teterboro

Address number identifiers

200 = Main Building at 200 Hackensack Avenue, Hackensack

DC = Daycare Building

ENV = Environmental Building

AEB – Adult Education Building

275 = Vocational School at 275 Pascack Road, Paramus

SAC = Small Animal Care

HAZ = Haz-Mat Building

281 = EMS Building at 281 Pascack Road, Paramus

504 = 504 Route 46, Teterboro

400 = Ender Hall

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



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Sample Type

A = first draw sample

B = flush sample

Using this naming protocol, an example of a sample identification number is H-AEB-TL-04A indicating the first draw sample taken from a teacher's lounge sink at the Adult Education Building located in Hackensack.

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, with the exception of ice machine and water cooler samples, which are discussed below. The flush sample was collected after the water had been allowed to run for 30 to 60 seconds. The first draw and flush samples from the Technical Services District buildings were collected on April 13 to April 15, 2022. First draw and flush sampled were collected from the Ender Hall program areas on May 1, 2022. In addition, two samples at the Vocational School and one at the Teterboro campus were collected on May 1, 2022.

In accordance with the Sampling Plan, flush samples were not collected from the ice machines at the same time as the first draw samples. The ice machine sampling procedure in the Sampling Plan indicates that the plumbing must be disconnected from the unit to collect a flush sample. Therefore, flush samples are collected only if the 15 μ g/L action level is exceeded.

The Sampling Plan requires collecting all first draw samples at a building before collecting the flush sample at water cooler outlets. After all first draw samples were collected, the team returned to the water cooler outlet nearest the point of water intake into the building. Sample collection then progressed outward from that point. Water coolers were flushed for 15 minutes to ensure the water tank was emptied prior to collecting the flush sample.

All of the first draw and flush samples were either sent via lab courier service or shipped to Eurofins TestAmerica Laboratories (Eurofins) in Edison, New Jersey 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. Eurofins in Edison maintains current NJDEP certifications to perform the requested analyses.





3.3 FIELD ACTIVITIES/OBSERVATIONS

With the exception of the May 1, 2022 sampling event, the collection of samples was conducted by two sampling teams comprised of CHA personnel. Both teams consisted of two people. The May 1, 2022 sampling event was completed by one CHA representative. Access to the school buildings, areas within, and confirmation of the completion of flushing activities in each building was provided by District facility staff.

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

In accordance with the Sampling Plan, samples were collected from ice machines by filling the sample bottle with ice and allowing that ice to melt within the bottle. Given this procedure, only one sample type was collected and was identified as a first draw sample. As noted above, flush samples were not immediately collected after the first draw sample.

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 AND 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

Floor plans were not provided for Environmental Building, EMS Building, Haz-Mat Building, and Small Animal Care.





As noted in Section 3.2, there were several outlets at Vocational, Small Animal Care, Teterboro, Daycare, Environmental, Adult Education, and the Main Building that were not sampled during the 2022 sampling program. These outlets were not sampled because they were either removed or were inactive. Many of those that were inactive were drinking water fountains and water coolers that had been taken out of service due COVID and related use restrictions. The outlets that were not sampled are highlighted in grey in Tables 1-10. The reason those outlets were not sampled is also included in the tables. If any of the currently inactive outlets are put back in service, they must be tested prior to use for drinking or cooking.

4.0 RESULTS

First draw and flush sample analytical results are 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 μ g/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. The sample results are summarized in Tables 1-10 attached to this report. Analytical laboratory reports for all of the samples analyzed is include as Appendix B.

Review of the laboratory results indicates that of the 105 first draw samples analyzed, one sample at the Main Building, one sample at Vocational School, and one at the Ender Hall location exhibit lead concentrations above the 15 μ g/L AL. Lead levels reported in all of the remaining first draw samples are below the AL. The flush samples were then analyzed for those outlets that had first draw results above the AL. Review of the laboratory results for the flush samples indicate that of the three flush samples analyzed, none exhibited lead concentrations above the 15 μ g/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 are highlighted in the tables. The outlets in the tables are organized in the order the samples were collected. The results that exceeded the AL are discussed in greater detail below.

Main Building - Hackensack

Outlets sampled at the Main Building consisted of 13 drinking fountains, 13 kitchen sinks, one teacher's lounge sink, and four ice machines. Of these 31 sampled outlets, the laboratory results indicate an elevated first draw result at one of the kitchen sinks located in Room 221. As a result of





the elevated first draw sample, the flush sample collected at this kitchen sink location was analyzed and the flush result was found to be below the lead AL. This outlet was observed to be an un-filtered outlet.

Vocational School - 275 Pascack Road, Paramus

Drinking water outlets sampled at the Vocational School consisted of five drinking fountains, 12 kitchen sinks, one nurse's sink, and two ice machines. Of these 20 sampled outlets, the laboratory results indicated an elevated first draw result for the nurse's sink located in Room 320. As a result of the elevated first draw sample, the flush sample collected at this nurse's sink location was analyzed and the flush result was found to be below the lead AL. A filter was observed to be installed in the water line supplying water to the sink. CHA noted that the date on the filter was May 5, 2018.

Ender Hall – 400 Paramus Road, Paramus

Drinking water outlets sampled at the Ender Hall location consisted of three drinking fountains, eight kitchen sinks, two nurse's sinks, two ice machines, and one teacher's lounge sink. Of these 16 sampled outlets, the laboratory results indicated an elevated first draw result for the teacher's lounge sink located in Room E-166. As a result of the elevated first draw sample, the flush sample collected at this teacher's lounge sink was analyzed and the flush results were below the lead AL.

5.0 DATA QUALITY OBJECTIVES AND MEASUREMENT

5.1 LABORATORY QUALITY CONTROL

Precision

To assess method precision, Eurofins 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, Eurofins analyzed a matrix spike/matrix spike duplicate (MS/MSD) sample per every 20-sample set. The results for these samples were within applicable control limits, thus indicating no bias reported due to the analytical method utilized.

Comparability

Eurofins 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 μ g/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 $15 \mu g/l$.

Sensitivity

Eurofins method detection limit for their lead analyses were reported as 0.11 μ g/l. The federal drinking water regulations require that laboratory reporting limits be no higher than 2.0 μ g/l. The Eurofins laboratory 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, with the exception of ice machines. As noted in Section 3.2, flush samples are collected at ice machines only if the first draw sample exceeds the $15 \mu g/L$ AL.

Field Reagent Blank

In accordance with the QAPP prepared for this project, a Field Reagent Blank (FRB) was collected for each sample cooler.

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 $15 \,\mu g/L$. 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.





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. This Decision Matrix is included as Table 11.
- 2. Regarding the nurse's sink located in Room 320 at Vocational School at 275 Pascack Road, Paramus, prior to proceeding with additional remedial actions outline in Table 11, the existing filter should be changed. The filter date at the time of the sampling was May 5, 2018. In accordance with the Bergen County Lead in Drinking Water Treatment Operation & Maintenance Plan, filters should be replaced every three months in order to reduce lead and other contaminants in drinking water. Once the filter is changed the outlet should be resampled (both first-draw and flush samples) to confirm that levels are below the AL.
- 3. There were several outlets at Adult Education, Small Animal Care, Daycare, Environmental, Main Building, Teterboro, and Vocational buildings that were not sampled because they were either removed or were inactive. The outlets that were not sampled are highlighted in grey in Tables 1-3, 5, and 7-9. The reason those outlets were not sampled is also included in the tables. If any of the currently inactive outlets are put back in service, they must be tested prior to use for drinking or cooking.
- 4. Except as noted in Item 3, there are no further sampling or actions recommended for the following buildings given that all of the currently active consumption points have been sampled and all of the results were below the lead AL:
 - Adult Education
 - Small Animal Care





- Daycare
- EMS
- Environmental
- Haz-Mat
- Teterboro
- 5. There were several outlets within the Ender Hall programs areas that were not sampled, as they are not used for drinking or cooking, such as bathroom sinks. Signs should be posted at the outlets not sampled to notify staff and students that the outlets are for handwashing only.
- 6. 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.
- 7. 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 $150 \,\mu\text{g/L}$ to $10 \,\mu\text{g/L}$ 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 resampling of the outlet once the filter is in place and laboratory analysis of the sample.
- 8. 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 temperatures, 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.
- 9. 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



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water faucet for consumption or food prep rather than using hot water from the tap for those uses.

10. Refer to the District's Lead in Drinking Water Treatment Operation & Maintenance (O&M) Plan for O&M activities and requirements for remedial actions that 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, June 2018.

Bergen County Technical & Special Services School Districts Lead in Drinking Water Treatment Operation & Maintenance Plan, March 3, 2021.

Bergen County Technical & Special Services School Districts Lead Testing in School Drinking Water Outlets Sampling Plan, March 18, 2018.

Bergen County Technical & Special Services School Districts Quality Assurance Project Plan Lead Concentrations in School Drinking Water Outlets, March 13, 2018.

N.J.A.C 6A:26, Educational Facilities: Regulations Regarding Testing for Lead in Water, August 20, 2020.

Primary and Secondary Drinking Water Standards: Code of Federal Regulations 40, Part 141 (40 CFR 141).

Safe Drinking Water Act Regulations: New Jersey Administrative Code 7, Chapter 10, Subchapter 1 (N.J.A.C 7:10-1), NJDEP, June 1, 2020.





TABLES

TABLE 1 Laboratory Results Adult Education Building 200 Hackensack Avenue, Hackensack

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Teacher's lounge	Room 114	H-AEB-TL-01A	4/14/2022	2.38	
sink	K00III 114	H-AEB-TL-01B	4/14/2022	NA	
Drinking Water	Room 108	H-AEB-DW-02A	NA	NA	Not sampled, disconnected
Fountain	KOOIII 106	H-AEB-DW-02B	NA	NA	
Teacher's lounge	Room 115	H-AEB-TL-03A	4/14/2022	0.66	
sink	Room 115	H-AEB-TL-03B	4/14/2022	NA	
Teacher's lounge	Room 105	H-AEB-TL-04A	4/14/2022	1.64	
sink	KOOIII 103	H-AEB-TL-04B	4/14/2022	NA	
Teacher's lounge	Room 105	H-AEB-TL-05A	4/14/2022	1.97	
sink	KOOIII 103	H-AEB-TL-05B	4/14/2022	NA	
Drinking Water	Room 105	H-AEB-DW-06A	NA	NA	Not sampled, disconnected
Fountain	Koom 103	H-AEB-DW-06B	NA	NA	
Drinking Water	Doom 102	H-AEB-DW-07A	NA	NA	Not sampled, disconnected
Fountain	Room 103	H-AEB-DW-07B	NA	NA	
Drinking Water	Outside Room 121A	H-AEB-DW-08A	NA	NA	Not sampled, disconnected
Fountain	Outside Room 121A	H-AEB-DW-08B	NA	NA	

NOTES:

NA = not analyzed for in this sample.

Grey highlight = sample location was not sampled during April 2022 sampling program

[&]quot;A" identifier designates a First Draw sample.

[&]quot;B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

TABLE 2 Laboratory Results Small Animal Care 275 Pascack Road, Paramus

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Drinking Water Fountain	Hallway next to bathroom	P-SAC-DW-01A	NA	NA	Not sampled, water disconnected
Tountain	Dauli Oolii	P-SAC-DW-01B	NA	NA	
Kitchen sink K	Kitchen	P-SAC-KS-02A	4/12/2022	0.22	
	Kitchen	P-SAC-KS-02B	4/12/2022	NA	

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

Grey highlight = sample location was not sampled during April 2022 sampling program

TABLE 3 Laboratory Results Daycare Building

200 Hackensack Avenue, Hackensack

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Drinking Water	Adjacent to Room 2B	H-DC-DW-01A	4/14/2022	<0.11U	
Fountain	Aujacem to Room 2B	H-DC-DW-01B	4/14/2022	NA	
Drinking Water Fountain	Adjacent to Room 2B	H-DC-DW-02A	NA	NA	Not sampled, DW-01 and 02 were adjacent, replaced with one DW
		H-DC-DW-02B	NA	NA	(sampled as DW-01)
Vitahan sink	Kitchen	H-DC-KS-03A	4/14/2022	1.33	
Kitchen sink		H-DC-KS-03B	4/14/2022	NA	

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

Grey highlight = sample location was not sampled during April 2022 sampling program

TABLE 4 Laboratory Results EMS Building 281 Pascack Road, Paramus

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)
Drinking Water	In front of bathrooms	P-281-DW-01A	4/12/2022	<0.11U
Fountain	In front of bathrooms	P-281-DW-01B	4/12/2022	NA
Drinking Water	Hallman autoida Dann 102	P-281-DW-02A	4/12/2022	1.06
Fountain	Hallway, outside Room 102	P-281-DW-02B	4/12/2022	NA

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

TABLE 5

Laboratory Results

Environmental Building

200 Hackensack Avenue, Hackensack

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Drinking Water	Outside Room 105	H-ENV-DW-01A	NA	NA	Not sampled, not in service
Fountain		H-ENV-DW-01B	NA	NA	
Drinking Water	Shop/Basement -	H-ENV-DW-02A	4/14/2022	<0.11U	
Fountain		H-ENV-DW-02B	4/14/2022	NA	

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

Grey highlight = sample location was not sampled during April 2022 sampling program

TABLE 6 Laboratory Results Haz-Mat Building 275 Pascack Road, Paramus

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)
Kitchen sink	Kitchen	P-HAZ-KS-01A	4/12/2022	2.00
		P-HAZ-KS-01B	4/12/2022	NA

NOTES:

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

[&]quot;A" identifier designates a First Draw sample.

[&]quot;B" identifier designates a Flush sample.

TABLE 7 Laboratory Results Main Building 200 Hackensack Avenue, Hackensack

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
	•	H-200-DW-01A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 27	H-200-DW-01B	4/13/2022	NA	
		H-200-DW-02A	NA	NA	Not sampled, removed
Drinking Water Fountain	Outside Room 30	H-200-DW-02B	NA	NA	
		H-200-TL-03A	4/13/2022	4.26	
Sink faucet	Room 30	H-200-TL-03B	4/13/2022	NA	
		H-200-DW-04A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 38	H-200-DW-04B	4/13/2022	NA	
		H-200-DW-05A	NA	NA	Not sampled, not in service
Drinking Water Fountain	Outside Room 38	H-200-DW-05B	NA	NA	r
D'II W. D.	0	H-200-DW-06A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 20	H-200-DW-06B	4/13/2022	NA	
Ice Machine	Room 17	H-200-IM-07A	4/13/2022	<0.11U	
a	20 15	H-200-KS-08A	4/13/2022	1.57	
Sink faucet	Room 17	H-200-KS-08B	4/13/2022	NA	
Dill W. E.	D 10	H-200-DW-09A	NA	NA	Not sampled, not in service
Drinking Water Fountain	Room 18	H-200-DW-09B	NA	NA	•
Dill W. E.	D 10	H-200-DW-10A	NA	NA	Not sampled, not in service
Drinking Water Fountain	Room 18	H-200-DW-10B	NA	NA	
D'I' W. E.	D 15	H-200-DW-47A	NA	NA	Not sampled, removed
Drinking Water Fountain	Room 15	H-200-DW-47B	NA	NA	* :
D'I' W. E.	O 1 D 15	H-200-DW-48A	NA	NA	Not sampled, removed
Drinking Water Fountain	Outside Room 15	H-200-DW-48B	NA	NA	•
D'I' W. E .	D 12	H-200-DW-11A	NA	NA	Not sampled, not in service
Drinking Water Fountain	Room 12	H-200-DW-11B	NA	NA	•
Delation Weter Products	Room 12	H-200-DW-12A	NA	NA	Not sampled, not in service
Drinking Water Fountain		H-200-DW-12B	NA	NA	
Dainling Water Fountain	Outside Room 15	H-200-DW-13A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 15	H-200-DW-13B	4/13/2022	NA	
Drinking Water Fountain	Outside Room 129	H-200-DW-14A	4/13/2022	4.09	
Drinking Water Fountain	Outside Room 129	H-200-DW-14B	4/13/2022	NA	
Kitchen sink	Room 111	H-200-KS-15A	4/13/2022	6.66	
Kitchen sink	KOOIII 111	H-200-KS-15B	4/13/2022	NA	
Kitchen sink	Room 111	H-200-KS-16A	4/13/2022	1.85	
Kitchen sink	Koom 111	H-200-KS-16B	4/13/2022	NA	
Drinking Water Fountain	Gym	H-200-DW-17A	4/13/2022	<0.11U	
Dilliking water Fountain	Gym	H-200-DW-17B	4/13/2022	NA	
Drinking Water Fountain	Outside Room 107	H-200-DW-18A	NA	NA	Not sampled, not in service
Drinking water rountain	Outside Room 107	H-200-DW-18B	NA	NA	
Drinking Water Fountain	Outside Room 107	H-200-DW-19A	4/13/2022	<0.11U	
Dinking Water Fountain	Outside Room 107	H-200-DW-19B	4/13/2022	NA	
Kitchen sink	Room 124	H-200-KS-48A	4/13/2022	2.27	
Tatemen shik	Room 121	H-200-KS-48B	4/13/2022	NA	
Drinking Water Fountain	Outside Room 137	H-200-DW-20A	NA	NA	Not sampled, not in service
Dinking Water Fountain	Outside Room 137	H-200-DW-20B	NA	NA	
Drinking Water Fountain	Outside Room 144	H-200-DW-21A	4/13/2022	0.53	
	2 000 100m 1 TT	H-200-DW-21B	4/13/2022	NA	
Drinking Water Fountain	Outside Room 144	H-200-DW-22A	NA	NA	Not sampled, not in service
	2 000 100m 1 TT	H-200-DW-22B	NA	NA	
Drinking Water Fountain	Outside Room 159	H-200-DW-23A	4/13/2022	<0.11U	
		H-200-DW-23B	4/13/2022	NA	
Drinking Water Fountain	Outside Room 182	H-200-DW-24A	NA	NA	Not sampled, not in service
	5 30 100m 102	H-200-DW-24B	NA	NA	
Drinking Water Fountain	Outside Room 182	H-200-DW-25A	NA	NA	Not sampled, not in service
6 ·· ······ I ountain		H-200-DW-25B	NA	NA	
Drinking Water Fountain	Stage	H-200-DW-26A	NA	NA	Not sampled, not in service
<i>5</i>		H-200-DW-26B	NA	NA	

TABLE 7 Laboratory Results Main Building

200 Hackensack Avenue, Hackensack

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Kitchen sink	Room 221	H-200-KS-27A	4/13/2022	3.29	
Kitchen sink	Room 221	H-200-KS-27B	4/13/2022	NA	
Kitchen sink	Room 221	H-200-KS-28A	4/13/2022	3.85	
Kitchen sink	Room 221	H-200-KS-28B	4/13/2022	NA	
Kitchen sink	Room 221	H-200-KS-29A	4/13/2022	2.4	
Kitchen shik	Koom 221	H-200-KS-29B	4/13/2022	NA	
Ice Machine	Room 221	H-200-IM-52A	4/13/2022	<0.11U	
Coffee machine	Room 221	H-200-CM-49A	NA	NA	Not sampled, hot water only
Correc macmine	Koom 221	H-200-CM-49B	NA	NA	
Sink faucet	Room 221	H-200-KS-51A	4/13/2022	35.7	
Silk laucet	KOOIII 221	H-200-KS-51B	4/13/2022	1.08	
Kitchen sink	Room 215	H-200-KS-31A	4/13/2022	4.92	
Kitchen shik	KOOIII 213	H-200-KS-31B	4/13/2022	NA	
Drinking Water Fountain	Outside Boom 219	H-200-DW-32A	NA	NA	Not sampled, not in service
Drinking Water Fountain	Outside Room 218	H-200-DW-32B	NA	NA	
Daialina Watan Faratain	Outside Room 218	H-200-DW-33A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 218	H-200-DW-33B	4/13/2022	NA	
IZ't de en el ele	D 226	H-200-KS-34A	4/13/2022	0.56	
Kitchen sink	Room 226	H-200-KS-34B	4/13/2022	NA	
Vitalian sinli	Room 226	H-200-KS-35A	4/13/2022	5.08	
Kitchen sink	ROOIII 220	H-200-KS-35B	4/13/2022	NA	
Ice Machine	Room 226	H-200-IM-36A	4/13/2022	<0.11U	
Ice Machine	Room 226	H-200-IM-37A	4/13/2022	<0.11U	
IZ't al ' . l.	Room 226	H-200-KS-38A	4/13/2022	3.3	
Kitchen sink	ROOIII 220	H-200-KS-38B	4/13/2022	NA	
D. (CII	D 226	H-200-KS-39A	4/13/2022	0.59	
Pot filler	Room 226	H-200-KS-39B	4/13/2022	NA	
IZ't al ' . l.	D 226	H-200-KS-40A	4/13/2022	0.17	
Kitchen sink	Room 226	H-200-KS-40B	4/13/2022	NA	
C. C	D 226	H-200-CM-50A	NA	NA	Not sampled, removed
Coffee machine	Room 226	H-200-CM-50B	NA	NA	
Dainline Water Francis	O(-1.1. D 221	H-200-DW-41A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 231	H-200-DW-41B	4/13/2022	NA	
Dainling Water Fountain	Outside Deem 222	H-200-DW-45A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Room 232	H-200-DW-45B	4/13/2022	NA	
Ciule format	Daar Daar 221	H-200-NS-45A	NA	NA	Not sampled, removed
Sink faucet	Rear Room 231	H-200-NS-45B	NA	NA	
Ciule format	Daar Daar 221	H-200-NS-46A	NA	NA	Not sampled, removed
Sink faucet	Rear Room 231	H-200-NS-46B	NA	NA	
-		H 200 VS 52 A			Not sampled, not a kitchen, 2
Sink faucet	Room 238	H-200-KS-53A	NA	NA	classrooms with no sinks
		H-200-KS-53B	NA	NA	
Drinking Weter Fountsin	Outside Room 245	H-200-DW-42A	4/13/2022	<0.11U	
Drinking Water Fountain	Outside Kooiii 245	H-200-DW-42B	4/13/2022	NA	
Drinking Weter Fountsin	Outside Room 269	H-200-DW-43A	NA	NA	Not sampled, not in service
Drinking Water Fountain	Outside Kooiii 209	H-200-DW-43B	NA	NA	
Drinking Water Fountain	Outside Poem 260	H-200-DW-44A	NA	NA	Not sampled, not in service
Dinking water Fountain	n Outside Room 269	H-200-DW-44B	NA	NA	

NOTES:

Yellow highlight = sample exceeds 15 $\mu g/L$ regulatory action level for lead

Grey highlight = sample location was not sampled during April 2022 sampling program

[&]quot;A" identifier designates a First Draw sample.

[&]quot;B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

TABLE 8 Laboratory Results Teterboro 504 Route 46, Teterboro

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Drinking Water Fountain	Room 910	T-504-DW-01A	4/14/2022	0.11	
Diffiking water Fountain	Kooiii 910	T-504-DW-01B	4/14/2022	NA	
Drinking Water Fountain	Room 910	T-504-DW-02A	4/14/2022	<0.11U	
Drinking water Fountain	ROOHI 910	T-504-DW-02B	4/14/2022	NA	
Dainlain - Watan Farantain	D 014	T-504-DW-03A	4/14/2022	<0.11U	
Drinking Water Fountain	Room 914	T-504-DW-03B	4/14/2022	NA	
Dainlain - Watan Farantain	D 014	T-504-DW-04A	4/14/2022	<0.11U	
Drinking Water Fountain	Room 914	T-504-DW-04B	4/14/2022	NA	
Water Carley	D 005	T-504-WC-27A	4/14/2022	<0.11U	
Water Cooler	Room 905	T-504-WC-27B	4/14/2022	NA	
W. C. I	D 005	T-504-WC-28A	4/14/2022	<0.11U	
Water Cooler	Room 905	T-504-WC-28B	4/14/2022	NA	
D:1: W - E - :	O	T-504-DW-07A	5/1/2022	<0.11U	
Drinking Water Fountain	Outside Room 703D	T-504-DW-07B	5/1/2022	NA	
NT 1 60° 11	D 500	T-504-NS-05A	4/14/2022	1.79	
Nurse's office sink	Room 708	T-504-NS-05B	4/14/2022	NA	
		T-504-TL-06A	4/14/2022	0.25	
Teacher's lounge sink	Room 716	T-504-TL-06B	4/14/2022	NA	
	Room 705	T-504-TL-08A	NA	NA	Not sampled, removed
Teacher's lounge sink		T-504-TL-08B	NA	NA	rot sampled, femoved
	Room 501 Pot filler	T-504-KS-09A	4/14/2022	3.81	l l
Kitchen sink		T-504-KS-09B	4/14/2022	NA	
	Room 501 Pot filler	T-504-KS-10A	4/14/2022	3.19	1
Kitchen sink		T-504-KS-10B	4/14/2022	NA	
		T-504-KS-11A	4/14/2022	3.01	
Kitchen sink	Room 501 Pot filler	T-504-KS-11B	4/14/2022	NA	
		T-504-KS-12A	4/14/2022	3.04	
Kitchen sink	Room 501 Pot filler	T-504-KS-12B	4/14/2022	NA	
		T-504-KS-13A	4/14/2022	8.36	
Kitchen sink	Room 501 Pot filler	T-504-KS-13B	4/14/2022	NA	
Ice machine	Room 501	T-504-IM-14A	4/14/2022	<0.11U	
ice macmine	KOOIII 301				
Kitchen sink	Room 501	T-504-KS-15A	4/14/2022 4/14/2022	0.43	
		T-504-KS-15B		NA O 1111	
Drinking Water Fountain	Outside Room 510	T-504-DW-16A	4/14/2022 4/14/2022	<0.11U	
		T-504-DW-16B		NA	
Drinking Water Fountain	Outside Room 511	T-504-DW-17A	4/14/2022	<0.11U	
		T-504-DW-17B	4/14/2022	NA	
Drinking Water Fountain	Outside Room 518	T-504-DW-18A	4/14/2022	<0.11U	
-		T-504-DW-18B	4/14/2022	NA	
Drinking Water Fountain	Outside Room 724	T-504-DW-19A	4/14/2022	<0.11U	
		T-504-DW-19B	4/14/2022	NA	
Drinking Water Fountain	Room 728	T-504-DW-20A	4/14/2022	0.64	
		T-504-DW-20B	4/14/2022	NA	
Kitchen sink	Room 121	T-504-KS-21A	4/14/2022	1.67	
		T-504-KS-21B	4/14/2022	NA	

TABLE 8 Laboratory Results Teterboro 504 Route 46, Teterboro

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Kitchen sink	Room 121	T-504-KS-22A	4/14/2022	0.29	
Kitchen sink	KOOIII 121	T-504-KS-22B	4/14/2022	NA	
Nurse's office	Room 121	T-504-IM-23A	4/14/2022	<0.11U	
Drinking Water Fountain	Room 115	T-504-DW-24A	4/14/2022	<0.11U	
Diffiking water Fountain		T-504-DW-24B	4/14/2022	NA	
Teacher's lounge	Outside Room 304	T-504-DW-25A	4/14/2022	<0.11U	
reacher's founge		T-504-DW-25B	4/14/2022	NA	
Drinking Water Fountain	Outside Room 114	T-504-DW-26A	4/14/2022	<0.11U	
Diniking water Fountain	Outside Room 114	T-504-DW-26B	4/14/2022	NA	

NOTES:

 $\boldsymbol{U}=\boldsymbol{a}\boldsymbol{n}\boldsymbol{a}\boldsymbol{l}\boldsymbol{y}\boldsymbol{z}\boldsymbol{e}\boldsymbol{d}$ for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

 $Grey\ highlight = sample\ location\ was\ not\ sampled\ during\ April\ 2022\ sampling\ program$

[&]quot;A" identifier designates a First Draw sample.

[&]quot;B" identifier designates a Flush sample.

TABLE 9 Laboratory Results Vocational School 275 Pascack Road, Paramus

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
	*	P-275-KS-12A	4/12/2022	0.12	
Kitchen sink	Room 322	P-275-KS-12B	4/12/2022	NA	
Ice machine	Room 322	P-275-IM-16A	4/12/2022	<0.11U	
		P-275-KS-13A	4/12/2022	<0.11U	
Kitchen sink	Room 322	P-275-KS-13B	4/12/2022	NA	
		P-275-KS-14A	4/12/2022	0.34	
Kitchen sink	Room 322	P-275-KS-14B	4/12/2022	NA	
	D 000	P-275-KS-25A	4/12/2022	2.60	
Kitchen sink	Room 322	P-275-KS-25B	4/12/2022	NA	
T71: 1 1 1	D 222	P-275-KS-15A	4/12/2022	0.52	
Kitchen sink	Room 322	P-275-KS-15B	4/12/2022	NA	
Ice machine	Room 313	P-275-IM-18A	NA	NA	Not sampled, outlet removed
TZ'- 1 ' 1	D 212	P-275-KS-19A	4/12/2022	0.68	
Kitchen sink	Room 313	P-275-KS-19B	4/12/2022	NA	
D'I' W. E.	O 1 D	P-275-DW-17A	4/12/2022	<0.11U	
Drinking Water Fountain	Outside Room 312	P-275-DW-17B	4/12/2022	NA	
Nurse's office sink	D 220	P-275-NS-20A	4/12/2022	1,770	
Nurse's office sink	Room 320	P-275-NS-20B	4/12/2022	0.23	
Dainlain - Weten Francis	D 224	P-275-DW-11A	4/12/2022	0.16	
Orinking Water Fountain	Room 324	P-275-DW-11B	4/12/2022	NA	
Daintain - Water Farmerin	Gym Hallway	P-275-DW-10A	4/12/2022	<0.11U	
Drinking Water Fountain		P-275-DW-10B	4/12/2022	NA	
Coffee machine	D 127	P-275-CM-24A	NA	NA	Not sampled, hot water only
Corree machine	Room 137	P-275-CM-24B	NA	NA	
Kitchen sink	Room 137	P-275-KS-21A	4/12/2022	0.60	
Kitchen sink	KOOIII 137	P-275-KS-21B	4/12/2022	NA	
Ice machine	Room 132	P-275-IM-22A	NA	NA	Not sampled, broken since 2019
Kitchen sink	Room 132	P-275-KS-01A	4/12/2022	0.66	
Kitchen sink	KOOIII 132	P-275-KS-01B	4/12/2022	NA	
Kitchen sink	Room 132	P-275-KS-02A	4/12/2022	2.65	
Kitchen sink	KOOIII 132	P-275-KS-02B	4/12/2022	NA	
Kitchen sink	Room 130	P-275-KS-03A	4/12/2022	0.93	
Kitchen sink	KOOIII 130	P-275-KS-03B	4/12/2022	NA	
Kitchen sink	Room 130	P-275-KS-05A	4/12/2022	2.28	
Kitchen sink	KOOIII 130	P-275-KS-05B	4/12/2022	NA	
Kitchen sink	Room 130	P-275-KS-06A	5/1/2022	<0.11U	
KICHEH SHIK	KUUIII 13U	P-275-KS-06B	5/1/2022	NA	
Ice machine	Room 130	P-275-IM-04A	4/12/2022	<0.11U	
Coffee machine	Room 130	P-275-CM-23A	NA	NA	Not sampled, hot water only
Corree macinile	KOOIII 130	P-275-CM-23B	NA	NA	
Drinking Water Fountain	Outside Room 125	P-275-DW-07A	4/12/2022	12.3	
Dimking water Fountain	Outside Room 123	P-275-DW-07B	4/12/2022	NA	
Drinking Water Fountain	Outside Room 121	P-275-DW-08A	4/12/2022	<0.11U	
Dimking water Fountain	Outside Room 121	P-275-DW-08B	4/12/2022	NA	
Drinking Water Fountain	Room 144	P-275-DW-09A	NA	NA	Not sampled, outlet removed
Dimking water Pountalli	K00M 144	P-275-DW-09B	NA	NA	

NOTES:

[&]quot;A" identifier designates a First Draw sample.

[&]quot;B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

Yellow highlight = sample exceeds 15 $\mu g/L$ regulatory action level for lead

Grey highlight = sample location was not sampled during April 2022 sampling program

TABLE 10 Laboratory Results Bergen County Community College - Ender Hall 400 Paramus Road, Paramus

Sample Point	Sample Location Description	Sample Location Code	Sample Date	Laboratory Results (µg/l)	Comments
Drinking Water Fountain	Between E-110 and Staff Rooms	P-400-DW-01A	5/1/2022	<0.11U	
		P-400-DW-01B	5/1/2022	NA	
Nurse's office sink	Room E-124	P-400-NS-02A	5/1/2022	0.37	
		P-400-NS-02B	5/1/2022	NA	
Nurse's office sink	Room E-124	P-400-NS-03A	5/1/2022	2.5	
		P-400-NS-03B	5/1/2022	NA	
Kitchen sink	Room E-193	P-400-KS-04A	5/1/2022	1.05	
		P-400-KS-04B	5/1/2022	NA	
Ice machine	Room E-193	P-400-IM-05A	5/1/2022	<0.11U	
Kitchen sink	Room E-193	P-400-KS-06A	5/1/2022	0.24	
Kitchen sink		P-400-KS-06B	5/1/2022	NA	
Witahan ainla	Room E-193	P-400-KS-07A	5/1/2022	<0.11U	
Kitchen sink		P-400-KS-07B	5/1/2022	NA	
Kitchen sink	Room E-193	P-400-KS-08A	5/1/2022	0.54	
		P-400-KS-08B	5/1/2022	NA	
Kitchen sink	Room E-193	P-400-KS-09A	5/1/2022	0.45	
Kitchen sink	Koom E-193	P-400-KS-09B	5/1/2022	NA	
Kitchen sink	Room E-193	P-400-KS-10A	5/1/2022	0.14	
Kitchen sink	K00III E-193	P-400-KS-10B	5/1/2022	NA	
Kitchen sink	Room E-193	P-400-KS-11A	5/1/2022	1.32	
Kitchen sink	K00III E-193	P-400-KS-11B	5/1/2022	NA	
Ice machine	Food Closet	P-400-IM-12A	5/1/2022	<0.11U	
Kitchen sink	Food Services	P-400-KS-13A	5/1/2022	0.33	
		P-400-KS-13B	5/1/2022	NA	
Drinking Water Fountain	Outside Male	P-400-DW-14A	5/1/2022	<0.11U	
	Faculty Bathroom	P-400-DW-14B	5/1/2022	NA	
Drinking Water Fountain	Hall across from	P-400-DW-15A	5/1/2022	10.7	
	Room E-163	P-400-DW-15B	5/1/2022	NA	
Teacher's lounge sink	Room E-166	P-400-TL-16A	5/1/2022	76.4	
		P-400-TL-16B	5/1/2022	0.48	

NOTES:

"A" identifier designates a First Draw sample.

"B" identifier designates a Flush sample.

U = analyzed for lead, but not detected above method detection limit

NA = not analyzed for in this sample.

Yellow highlight = sample exceeds 15 μ g/L regulatory action level for lead

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

Kitchen Sink/Nurse's Sink/Teacher's Lounge Sink					
Fail First Draw Sample/Pass Flush Sample	w Sample/Pass Flush Sample Option 1 Replace fixture, supply				
	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

ADULT EDUCATION BUILDING

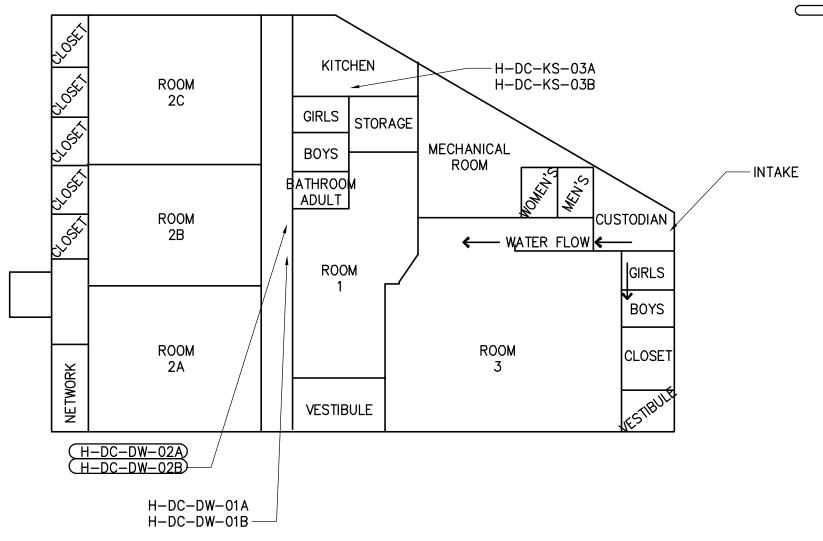
DAYCARE

CM DW EC KS NS

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

WATER COOLER NOT SAMPLED, NOT IN SERVICE/INACTIVE

NOT SAMPLED, REMOVED FROM SERVICE



DRAWING NOT TO SCALE



LEAD IN DRINKING WATER SAMPLE LOCATION PLAN BERGEN COUNTY TECHNICAL SERVICES DATE: 06/2022 SCHOOL DISTRICT BERGEN COUNTY, NEW JERSEY

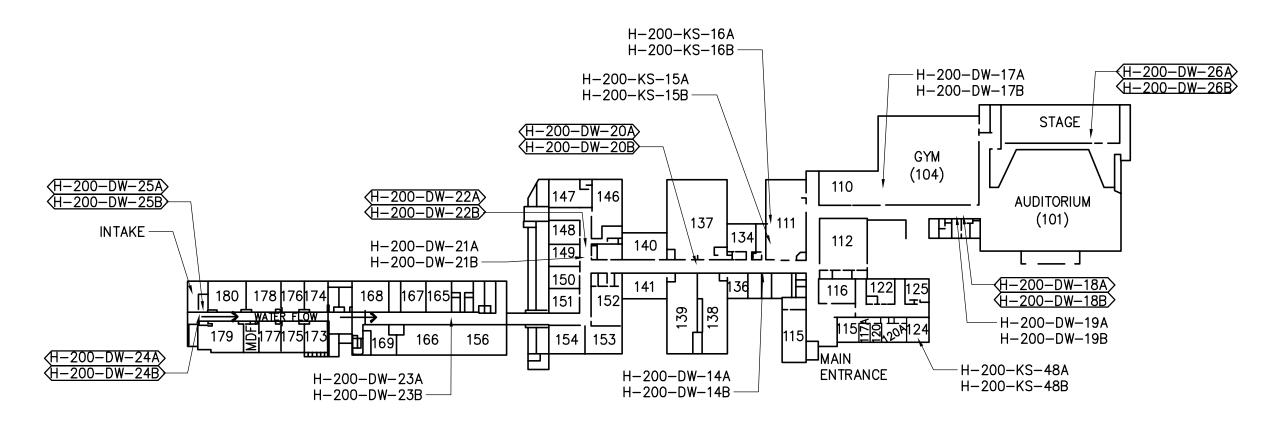
PROJECT NO. 31521

DAY CARE

MAIN BUILDING

LEGEND:

SAMPLE ABOVE LEAD LIMIT CM COFFEE MACHINE DW DRINKING WATER FOUNTAIN HOME ECONOMICS CLASSROOM SINK EC IM ICE MACHINE KS KITCHEN SINK NS NURSE'S OFFICE SINK TL TEACHER'S LOUNGE SINK WATER COOLER NOT SAMPLED, NOT IN SERVICE/INACTIVE NOT SAMPLED, REMOVED FROM SERVICE



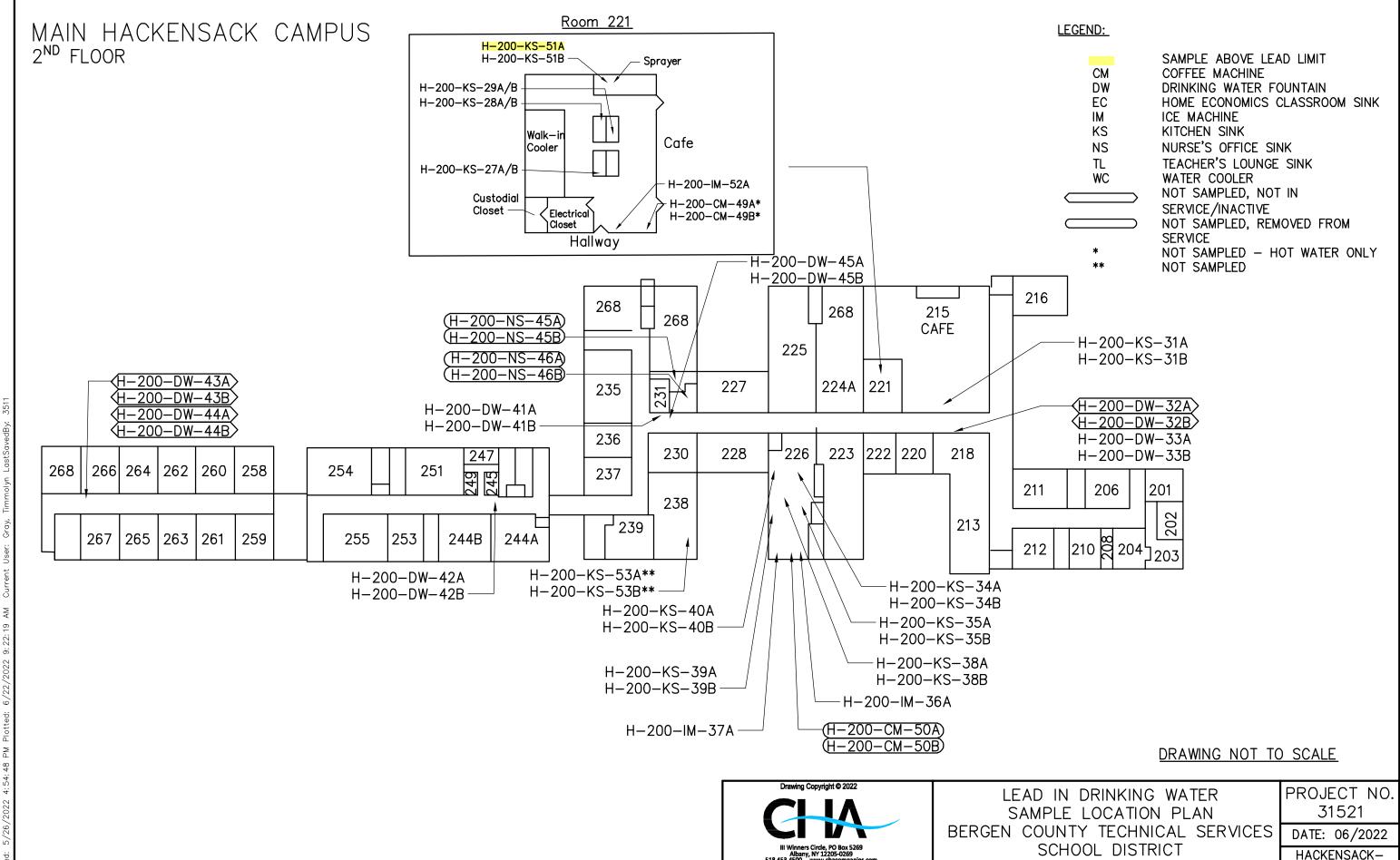
DRAWING NOT TO SCALE



LEAD IN DRINKING WATER
SAMPLE LOCATION PLAN
BERGEN COUNTY TECHNICAL SERVICES
SCHOOL DISTRICT
BERGEN COUNTY, NEW JERSEY

PROJECT NO. 31521

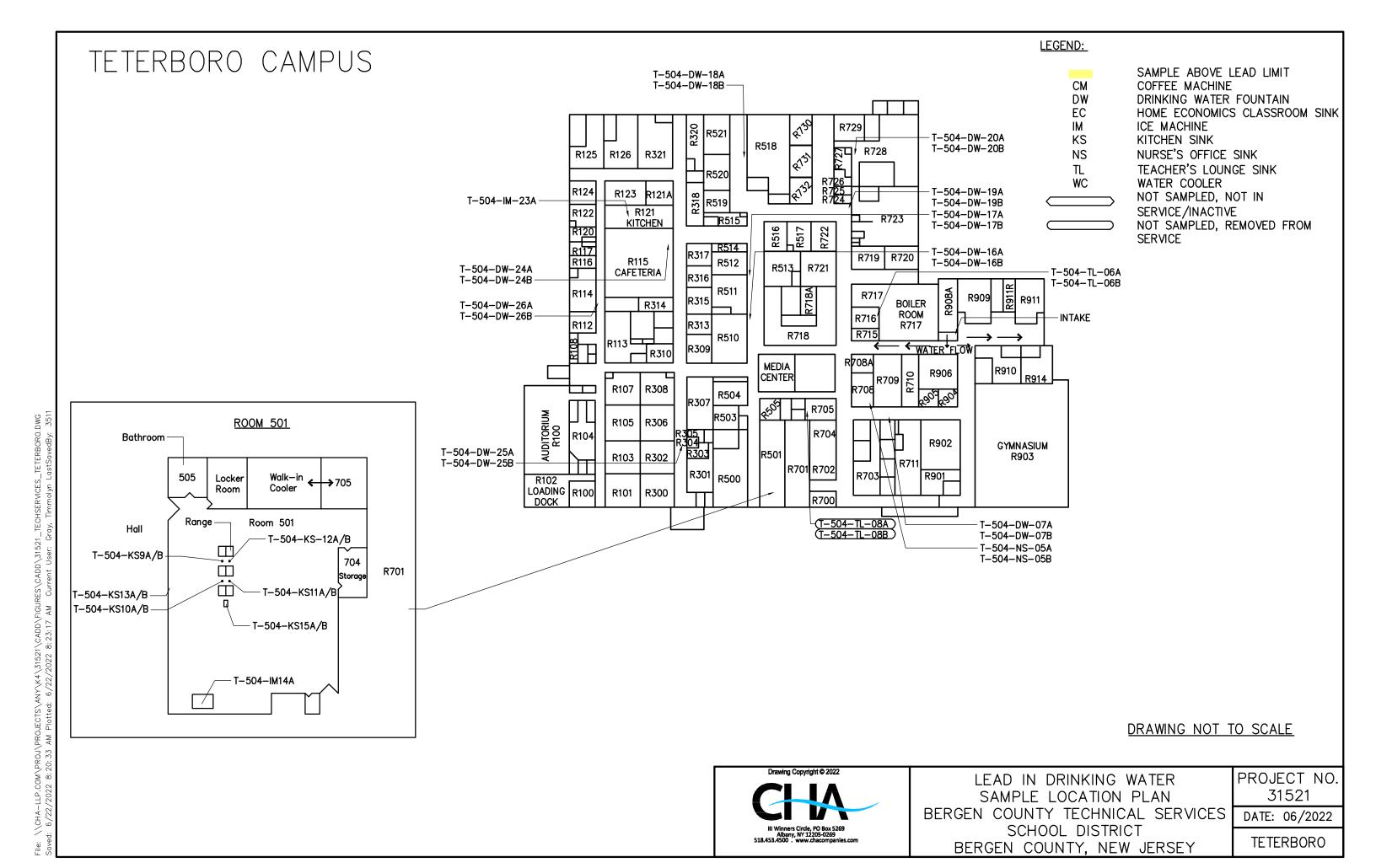
DATE: 06/2022 HACKENSACK-MAIN. 1ST FLOOR



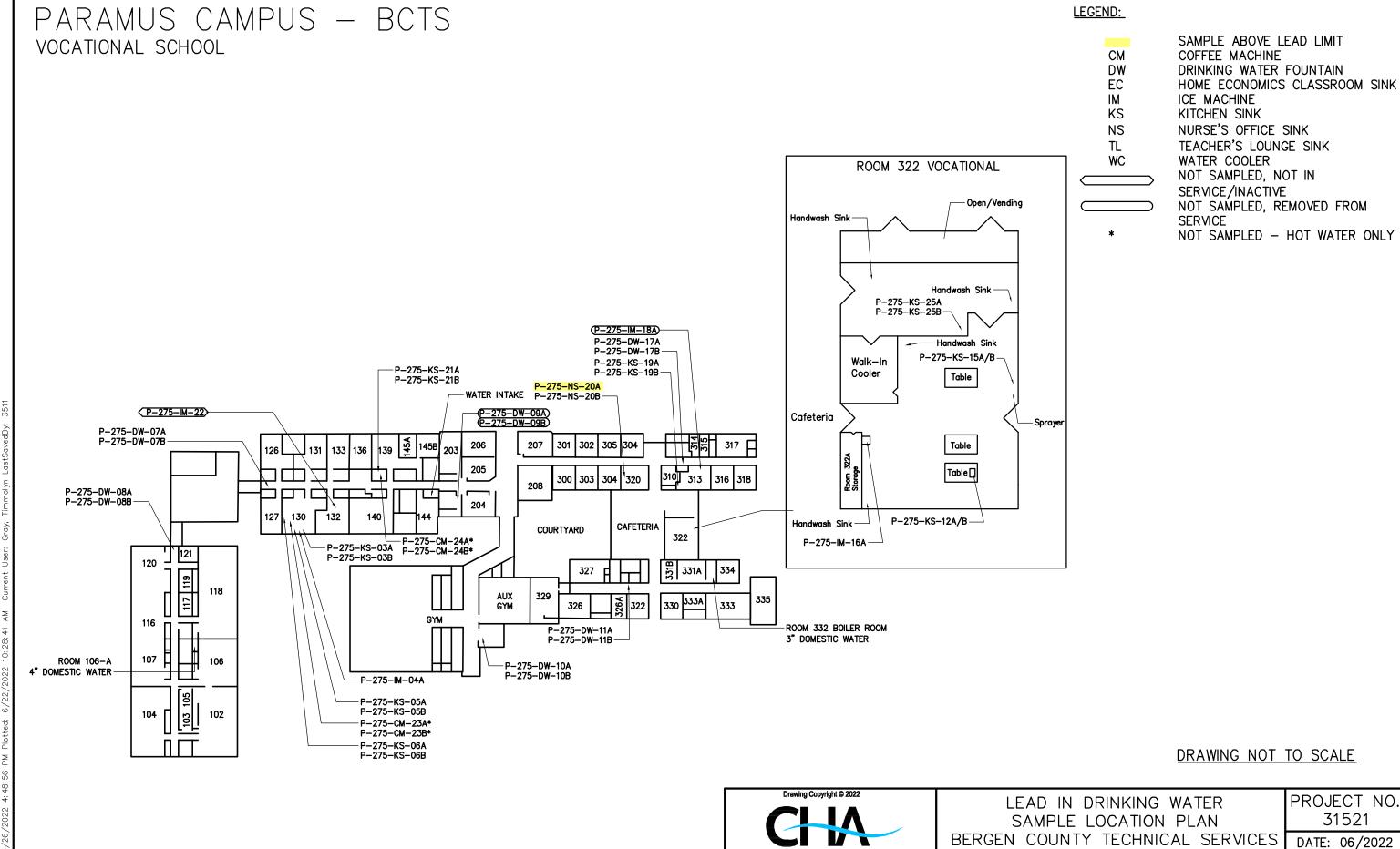
BERGEN COUNTY, NEW JERSEY

MAIN 2ND FLOOR

TETERBORO CAMPUS



VOCATIONAL SCHOOL



SCHOOL DISTRICT

BERGEN COUNTY, NEW JERSEY

VOCATIONAL

ENDER HALL

ENDER

BERGEN COUNTY, NEW JERSEY





APPENDIX B

LABORATORY REPORTS

LABORATORY REPORTS

Adult Education Building

Daycare

Environmental Building



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256454-1

Client Project/Site: Bergen County School District - Special

For: CHA Inc III Winners Circle PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Com Callelant

Authorized for release by: 5/18/2022 9:30:39 AM

April Callahan, Project Manager

(732)549-3900

April.Callahan@et.eurofinsus.com

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The
Expert

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www.eurofinsus.com/Env

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
QC Sample Results	13
QC Association Summary	15
Lab Chronicle	17
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receint Checklists	37

4

8

9

11

16

Definitions/Glossary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Glossary

EDL

LOD

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							
Percent Recovery							
Contains Free Liquid							
Colony Forming Unit							
Contains No Free Liquid							
Duplicate Error Ratio (normalized absolute difference)							
Dilution Factor							
Detection Limit (DoD/DOE)							
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample							
Decision Level Concentration (Radiochemistry)							

LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin)

Limit of Detection (DoD/DOE)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive 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)

TNTC Too Numerous To Count

Eurofins Edison

Page 3 of 37

3

4

5

O

9

- 10

12

13

Case Narrative

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Job ID: 460-256454-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County School District - Special

Report Number: 460-256454-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/15/2022 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.1° C, 3.3° C and 3.7° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

Remaining holds were canceled on 5/17.

TOTAL METALS

Samples W-304-KS-02A (460-256454-1), W-304-KS-03A (460-256454-3), W-304-DW-04A (460-256454-5), W-304-DW-05A (460-256454-7), W-304-CM-11A (460-256454-9), W-304-KS-06A (460-256454-10), W-304-DW-07A (460-256454-12), W-304-NS09A (460-256454-14), W-304-TL-10A (460-256454-16), CHA1-4 (460-256454-18), H-334-NS-01A (460-256454-19), H-334-TL-02A (460-256454-21), H-334-DW-03A (460-256454-23), H-334-DW-04A (460-256454-25), H-334-KS-05A (460-256454-27), W-304-NS-01A (460-256454-29), G-27-KS-01A (460-256454-31), G-304-NS-01A (460-256454-33), S-492-DW-01A (460-256454-35), S-492-IM-02A (460-256454-37), S-492-KS-03A (460-256454-38), S-492-DW-04A (460-256454-40), S-492-NS-05A (460-256454-42), S-492-TL-06A (460-256454-44), S-492-DW-07A (460-256454-46), CHA1-5 (460-256454-48), H-DC-DW-01A (460-256454-51), H-DC-KS-03A (460-256454-53), H-AEB-TL-01A (460-256454-55), H-AEB-TL-03A (460-256454-57), H-AEB-TL-04A (460-256454-59), H-AEB-TL-05A (460-256454-61) and H-ENV-DW-02A (460-256454-63) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 04/20/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

Eurofins Edison 5/18/2022

Page 4 of 37

2

3

4

6

7

q

10

12

13

Client: CHA Inc
Project/Site: Bergen County School District - Special

Job ID: 460-256454-1

Client Sample ID: W-	304-KS-02A					Lab Sample ID: 46	0-256454-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.88		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: W-3	304-KS-03A					Lab Sample ID: 46	0-256454-3
Analyte		Qualifier	RL _		Unit	Dil Fac D Method	Prep Type
Lead	1.30		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: W-	304-DW-04A					Lab Sample ID: 46	0-256454-5
No Detections.							
Client Sample ID: W-	304-DW-05A					Lab Sample ID: 46	0-256454-7
No Detections.							
Client Sample ID: W-	304-CM-11A					Lab Sample ID: 46	0-256454-9
No Detections.							
Client Sample ID: W-	304-KS-06A					Lab Sample ID: 460	-256454-10
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	1.72		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: W-	304-DW-07A					Lab Sample ID: 460	-256454-12
No Detections.							
Client Sample ID: W-3	304-NS09A					Lab Sample ID: 460	-256454-14
Analyte		Qualifier	RL		Unit	Dil Fac D Method	Prep Type
Lead	2.17		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: W-	304-TL-10A					Lab Sample ID: 460	-256454-16
No Detections.							
Client Sample ID: CH	A1-4					Lab Sample ID: 460	-256454-18
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.27		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: H-3	34-NS-01A					Lab Sample ID: 460	-256454-19
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.33		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: H-3	34-TL-02A					Lab Sample ID: 460	-256454-21
Analyte		Qualifier	RL		Unit	Dil Fac D Method	Prep Type
Lead	0.28		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: H-3	34-DW-03A					Lab Sample ID: 460	-256454-23
No Detections.							
Client Sample ID: H-3	34-DW-04A					Lab Sample ID: 460	-256454-2
No Detections.							

This Detection Summary does not include radiochemical test results.

Eurofins Edison

5/18/2022

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: H-334-KS	-05A					Lab Sample ID: 460	-256454-27
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	1.06		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: W-304-NS	6-01A					Lab Sample ID: 460	-256454-29
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	1.82		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: G-27-KS-0)1A					Lab Sample ID: 460	-256454-31
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	3.24		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: G-304-NS	-01A					Lab Sample ID: 460	-256454-33
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	4.54		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: S-492-DW	/-01A					Lab Sample ID: 460	-256454-35
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.79		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: S-492-IM-	02A					Lab Sample ID: 460	-256454-37
No Detections.						-	
Client Sample ID: S-492-KS-	-03A					Lab Sample ID: 460	-256454-38
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	1.49		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: S-492-DW	/-04A					Lab Sample ID: 460	-256454-40
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.35		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: S-492-NS-	-05A					Lab Sample ID: 460	-256454-42
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	1.19		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: S-492-TL-	06A					Lab Sample ID: 460	-256454-44
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.92		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: S-492-DW	/-07A					Lab Sample ID: 460	-256454-46
Analyte	Result	Qualifier	RL		Unit	Dil Fac D Method	Prep Type
Lead	5.63		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: CHA1-5						Lab Sample ID: 460	-256454-48
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	0.25		2.00	0.11	ug/L	1 200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

5/18/2022

Detection Summary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: H-DC-DW-01A Lab Sample ID: 460-256454-51

No Detections.

Client Sample ID: H-DC-KS-03A Lab Sample ID: 460-256454-53

AnalyteResult
LeadQualifierRLMDL
2.00UnitDil Fac
ug/LDMethod
200.8Prep TypeTotal/NA

Client Sample ID: H-AEB-TL-01A Lab Sample ID: 460-256454-55

 Analyte
 Result Lead
 Qualifier
 RL 2.00
 MDL unit ug/L
 Unit ug/L
 Dil Fac 200.8
 D Method 200.8
 Prep Type Total/NA

Client Sample ID: H-AEB-TL-03A Lab Sample ID: 460-256454-57

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 Dil Fac
 D
 Method
 Prep Type

 Lead
 0.66
 2.00
 0.11
 ug/L
 1
 200.8
 Total/NA

Client Sample ID: H-AEB-TL-04A Lab Sample ID: 460-256454-59

 Analyte
 Result Lead
 Qualifier
 RL 2.00
 MDL 2.00
 Unit Ug/L
 Dil Fac 2.00
 D Method 200.8
 Prep Type Total/NA

Client Sample ID: H-AEB-TL-05A Lab Sample ID: 460-256454-61

AnalyteResult
LeadQualifierRLMDL
2.00UnitDil Fac
ug/LDMethodPrep TypeLead1.972.000.11ug/L1200.8Total/NA

Client Sample ID: H-ENV-DW-02A Lab Sample ID: 460-256454-63

No Detections.

This Detection Summary does not include radiochemical test results.

5/18/2022

Client Sample Results

Client: CHA Inc Job ID: 460-256454-1 Project/Site: Bergen County School District - Special Lab Sample ID: 460-256454-1 Client Sample ID: W-304-KS-02A Date Collected: 04/14/22 06:50 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 13:16 04/20/22 14:44 Lead 0.88 Client Sample ID: W-304-KS-03A Lab Sample ID: 460-256454-3 Date Collected: 04/14/22 06:52 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 1.30 2 00 0.11 ug/L 04/20/22 13:16 04/20/22 14:47 Client Sample ID: W-304-DW-04A Lab Sample ID: 460-256454-5 Date Collected: 04/14/22 06:57 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 04/20/22 13:16 04/20/22 14:49 Lead <0.11 2.00 0.11 ug/L Lab Sample ID: 460-256454-7 Client Sample ID: W-304-DW-05A Date Collected: 04/14/22 06:59 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 13:16 04/20/22 14:51 Client Sample ID: W-304-CM-11A Lab Sample ID: 460-256454-9 Date Collected: 04/14/22 07:47 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/20/22 13:16 04/20/22 14:54 Lab Sample ID: 460-256454-10 Client Sample ID: W-304-KS-06A Date Collected: 04/14/22 07:04 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/20/22 13:16 04/20/22 14:56 1.72 0.11 ug/L Lead Lab Sample ID: 460-256454-12 Client Sample ID: W-304-DW-07A Date Collected: 04/14/22 07:11 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) **MDL** Unit Analyte Result Qualifier RI Prepared Analyzed Dil Fac <0.11 04/20/22 14:38 04/20/22 16:11 Lead 2.00 0.11 ug/L

Client Sample Results

Client: CHA Inc Job ID: 460-256454-1 Project/Site: Bergen County School District - Special Client Sample ID: W-304-NS09A Lab Sample ID: 460-256454-14 Date Collected: 04/14/22 07:16 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:13 Lead 2.17 Client Sample ID: W-304-TL-10A Lab Sample ID: 460-256454-16 Date Collected: 04/14/22 07:20 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead <0.11 2 00 Client Sample ID: CHA1-4 Lab Sample ID: 460-256454-18 Date Collected: 04/14/22 07:18 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.27 2.00 0.11 ug/L Client Sample ID: H-334-NS-01A Lab Sample ID: 460-256454-19 Date Collected: 04/14/22 11:30 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:23 Lead 0.33 Client Sample ID: H-334-TL-02A Lab Sample ID: 460-256454-21 Date Collected: 04/14/22 11:50 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.28 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:25 Lab Sample ID: 460-256454-23 Client Sample ID: H-334-DW-03A Date Collected: 04/14/22 11:56 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/20/22 14:38 04/20/22 16:27 Lead <0.11 0.11 ug/L Client Sample ID: H-334-DW-04A Lab Sample ID: 460-256454-25 Date Collected: 04/14/22 11:59 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI **MDL** Unit Prepared Analyzed Dil Fac <0.11 04/20/22 14:38 04/20/22 16:30 Lead 2.00 0.11 ug/L

Client Sample Results Client: CHA Inc Job ID: 460-256454-1 Project/Site: Bergen County School District - Special Client Sample ID: H-334-KS-05A Lab Sample ID: 460-256454-27 Date Collected: 04/14/22 11:40 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:34 Lead 1.06 Client Sample ID: W-304-NS-01A Lab Sample ID: 460-256454-29 Date Collected: 04/14/22 06:40 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead 1.82 2 00 Client Sample ID: G-27-KS-01A Lab Sample ID: 460-256454-31 Date Collected: 04/14/22 08:34 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 3.24 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:48 Client Sample ID: G-304-NS-01A Lab Sample ID: 460-256454-33 Date Collected: 04/14/22 09:21 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:51 Lead 4.54 Client Sample ID: S-492-DW-01A Lab Sample ID: 460-256454-35 Date Collected: 04/14/22 10:13 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.79 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 16:53

Lab Sample ID: 460-256454-37 Client Sample ID: S-492-IM-02A Date Collected: 04/14/22 10:21 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/20/22 14:38 04/20/22 16:55 Lead <0.11 0.11 ug/L

Client Sample ID: S-492-KS-03A Lab Sample ID: 460-256454-38 Date Collected: 04/14/22 10:21 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI **MDL** Unit Prepared Analyzed Dil Fac 04/20/22 14:38 04/20/22 16:58 Lead 1.49 2.00 0.11 ug/L

Client Sample Results Client: CHA Inc Job ID: 460-256454-1 Project/Site: Bergen County School District - Special

Client Sample ID: S-492-DW-04A Lab Sample ID: 460-256454-40 Date Collected: 04/14/22 10:26 **Matrix: Water** Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS)

Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 17:00 Lead 0.35 Client Sample ID: S-492-NS-05A Lab Sample ID: 460-256454-42

Date Collected: 04/14/22 10:41 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead 1.19 2 00

Client Sample ID: S-492-TL-06A Lab Sample ID: 460-256454-44 Date Collected: 04/14/22 10:47 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.92 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 17:05

Client Sample ID: S-492-DW-07A Lab Sample ID: 460-256454-46 Date Collected: 04/14/22 10:53 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 15:51 04/20/22 17:11 Lead 5.63

Client Sample ID: CHA1-5 Lab Sample ID: 460-256454-48 **Matrix: Water**

Date Collected: 04/14/22 11:33 Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.25 2.00 0.11 ug/L 04/20/22 14:38 04/20/22 17:14

Client Sample ID: H-DC-DW-01A Lab Sample ID: 460-256454-51

Date Collected: 04/14/22 07:00 Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/20/22 18:08 04/20/22 18:50 Lead <0.11 0.11 ug/L

Client Sample ID: H-DC-KS-03A Lab Sample ID: 460-256454-53 **Matrix: Water**

Date Collected: 04/14/22 07:05 Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI **MDL** Unit Analyzed Dil Fac Prepared Lead 1.33 2.00 0.11 ug/L 04/20/22 18:08 04/20/22 18:52

5/18/2022

Matrix: Water

Client Sample Results

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: H-AEB-TL-01A Lab Sample ID: 460-256454-55

Date Collected: 04/14/22 07:20 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac

0.11 ug/L 2.00 04/20/22 18:08 04/20/22 18:55 Lead 2.38

Client Sample ID: H-AEB-TL-03A Lab Sample ID: 460-256454-57 Date Collected: 04/14/22 07:25 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 2.00 0.11 ug/L 04/20/22 18:08 04/20/22 19:01 0.66

Lab Sample ID: 460-256454-59 Client Sample ID: H-AEB-TL-04A **Matrix: Water**

Date Collected: 04/14/22 07:30 Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 04/20/22 18:08 04/20/22 19:04 Lead 1.64 2.00 0.11 ug/L

Lab Sample ID: 460-256454-61 Client Sample ID: H-AEB-TL-05A

Date Collected: 04/14/22 07:35 **Matrix: Water**

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 18:08 04/20/22 19:06 Lead 1.97

Client Sample ID: H-ENV-DW-02A Lab Sample ID: 460-256454-63

Date Collected: 04/14/22 07:40 Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/20/22 18:08 04/20/22 19:09

Matrix: Water

RL

2.00

Spike

Added

5.00

Spike

Added

5.00

Spike

Added

5.00

Spike

Added

5 00

Spike

Added

5.00

RL

2 00

MDL Unit

0.11 ug/L

LCS LCS

MS MS

6.49

Result Qualifier

MDL Unit

0.11 ug/L

LCS LCS

MS MS

MS MS

DU DU

< 0.11

Result Qualifier

5.89

Result Qualifier

4.87

Result Qualifier

4.74

Result Qualifier

5.24

Result Qualifier

Unit

ug/L

Unit

ug/L

Unit

ug/L

Unit

ug/L

Unit

ug/L

Unit

ug/L

Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-840234/1-A

Matrix: Water

Lead

Lead

Lead

Lead

Analyte

Analyte

Client: CHA Inc

Analysis Batch: 840247

MB MB

< 0.11

Sample Sample

1.72

Result Qualifier

MB MB

<0.11

Sample Sample

Sample Sample

Sample Sample

Result Qualifier

Result Qualifier

Result Qualifier

Result Qualifier Analyte

Lab Sample ID: LCS 460-840234/2-A **Matrix: Water**

Analysis Batch: 840247

Analyte

Lab Sample ID: 460-256454-10 MS

Matrix: Water

Analysis Batch: 840247

Analyte

Lab Sample ID: MB 460-840250/1-A

Matrix: Water

Analysis Batch: 840247

Analyte

Lead

Lab Sample ID: LCS 460-840250/2-A

Matrix: Water

Analysis Batch: 840247

Analyte

Lab Sample ID: 460-256454-16 MS

Matrix: Water

Analysis Batch: 840247

Lead < 0.11

Lab Sample ID: 460-256454-27 MS

Matrix: Water

Analysis Batch: 840247

Lead 1.06

Lab Sample ID: 460-256454-16 DU

Matrix: Water

Analysis Batch: 840247

Result Qualifier Analyte

Lead < 0.11 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 840234

Analyzed Dil Fac Prepared 04/20/22 13:16 04/20/22 13:51

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 840234

%Rec D %Rec Limits

105

%Rec

Prepared

%Rec

%Rec

%Rec

D

97

97

95

85 - 115

Client Sample ID: W-304-KS-06A

Prep Type: Total/NA Prep Batch: 840234

%Rec

Limits

95 70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 840250

Analyzed Dil Fac

04/20/22 14:38 04/20/22 15:57

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 840250

%Rec

Limits

85 - 115

Client Sample ID: W-304-TL-10A Prep Type: Total/NA

Prep Batch: 840250

%Rec

Limits 70 - 130

Client Sample ID: H-334-KS-05A Prep Type: Total/NA

Prep Batch: 840250

%Rec

Limits

70 - 130

Client Sample ID: W-304-TL-10A

Prep Type: Total/NA **Prep Batch: 840250**

RPD

RPD Limit NC

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QC Sample Results

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: 460-256454-27 DU Client Sample ID: H-334-KS-05A

Matrix: Water

Analysis Batch: 840247

Prep Type: Total/NA

Prep Batch: 840250 RPD

DU DU Sample Sample RPD Analyte Result Qualifier Result Qualifier Unit D Limit Lead 1.06 1.07 ug/L 8.0 20

Lab Sample ID: MB 460-840300/1-A **Client Sample ID: Method Blank Matrix: Water**

Analysis Batch: 840247

Prep Type: Total/NA **Prep Batch: 840300**

MB MB MDL Unit Analyte Result Qualifier RL Prepared Analyzed 2.00 0.11 ug/L 04/20/22 18:08 04/20/22 18:36 Lead < 0.11

Lab Sample ID: LCS 460-840300/2-A **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 840247

Prep Batch: 840300 Spike LCS LCS %Rec

Limits Analyte Added Result Qualifier Unit D %Rec Lead 5.00 4.75 ug/L 95 85 - 115

QC Association Summary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Metals

Prep Batch: 840234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256454-1	W-304-KS-02A	Total/NA	Water	200	
460-256454-3	W-304-KS-03A	Total/NA	Water	200	
460-256454-5	W-304-DW-04A	Total/NA	Water	200	
460-256454-7	W-304-DW-05A	Total/NA	Water	200	
460-256454-9	W-304-CM-11A	Total/NA	Water	200	
460-256454-10	W-304-KS-06A	Total/NA	Water	200	
MB 460-840234/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840234/2-A	Lab Control Sample	Total/NA	Water	200	
460-256454-10 MS	W-304-KS-06A	Total/NA	Water	200	

Analysis Batch: 840247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256454-1	W-304-KS-02A	Total/NA	Water	200.8	840234
460-256454-3	W-304-KS-03A	Total/NA	Water	200.8	840234
460-256454-5	W-304-DW-04A	Total/NA	Water	200.8	840234
460-256454-7	W-304-DW-05A	Total/NA	Water	200.8	840234
460-256454-9	W-304-CM-11A	Total/NA	Water	200.8	840234
460-256454-10	W-304-KS-06A	Total/NA	Water	200.8	840234
460-256454-12	W-304-DW-07A	Total/NA	Water	200.8	840250
460-256454-14	W-304-NS09A	Total/NA	Water	200.8	840250
460-256454-16	W-304-TL-10A	Total/NA	Water	200.8	840250
460-256454-18	CHA1-4	Total/NA	Water	200.8	840250
460-256454-19	H-334-NS-01A	Total/NA	Water	200.8	840250
460-256454-21	H-334-TL-02A	Total/NA	Water	200.8	840250
460-256454-23	H-334-DW-03A	Total/NA	Water	200.8	840250
460-256454-25	H-334-DW-04A	Total/NA	Water	200.8	840250
460-256454-27	H-334-KS-05A	Total/NA	Water	200.8	840250
460-256454-29	W-304-NS-01A	Total/NA	Water	200.8	840250
460-256454-31	G-27-KS-01A	Total/NA	Water	200.8	840250
460-256454-33	G-304-NS-01A	Total/NA	Water	200.8	840250
460-256454-35	S-492-DW-01A	Total/NA	Water	200.8	840250
460-256454-37	S-492-IM-02A	Total/NA	Water	200.8	840250
460-256454-38	S-492-KS-03A	Total/NA	Water	200.8	840250
460-256454-40	S-492-DW-04A	Total/NA	Water	200.8	840250
460-256454-42	S-492-NS-05A	Total/NA	Water	200.8	840250
460-256454-44	S-492-TL-06A	Total/NA	Water	200.8	840250
460-256454-46	S-492-DW-07A	Total/NA	Water	200.8	840250
460-256454-48	CHA1-5	Total/NA	Water	200.8	840250
460-256454-51	H-DC-DW-01A	Total/NA	Water	200.8	840300
460-256454-53	H-DC-KS-03A	Total/NA	Water	200.8	840300
460-256454-55	H-AEB-TL-01A	Total/NA	Water	200.8	840300
460-256454-57	H-AEB-TL-03A	Total/NA	Water	200.8	840300
460-256454-59	H-AEB-TL-04A	Total/NA	Water	200.8	840300
460-256454-61	H-AEB-TL-05A	Total/NA	Water	200.8	840300
460-256454-63	H-ENV-DW-02A	Total/NA	Water	200.8	840300
MB 460-840234/1-A	Method Blank	Total/NA	Water	200.8	840234
MB 460-840250/1-A	Method Blank	Total/NA	Water	200.8	840250
MB 460-840300/1-A	Method Blank	Total/NA	Water	200.8	840300
LCS 460-840234/2-A	Lab Control Sample	Total/NA	Water	200.8	840234
LCS 460-840250/2-A	Lab Control Sample	Total/NA	Water	200.8	840250
LCS 460-840300/2-A	Lab Control Sample	Total/NA	Water	200.8	840300

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Page 15 of 37

2

3

4

6

8

9

10

12

13

QC Association Summary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Metals (Continued)

Analysis Batch: 840247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256454-10 MS	W-304-KS-06A	Total/NA	Water	200.8	840234
460-256454-16 MS	W-304-TL-10A	Total/NA	Water	200.8	840250
460-256454-27 MS	H-334-KS-05A	Total/NA	Water	200.8	840250
460-256454-16 DU	W-304-TL-10A	Total/NA	Water	200.8	840250
460-256454-27 DU	H-334-KS-05A	Total/NA	Water	200.8	840250

Prep Batch: 840250

460-256454-12 W-304-DW-07A Total/NA Water 200 460-256454-14 W-304-NS09A Total/NA Water 200 460-256454-16 W-304-TL-10A Total/NA Water 200 460-256454-18 CHA1-4 Total/NA Water 200 460-256454-19 H-334-NS-01A Total/NA Water 200 460-256454-21 H-334-DW-03A Total/NA Water 200 460-25645-23 H-334-DW-03A Total/NA Water 200 460-25645-25 H-334-DW-04A Total/NA Water 200 460-25645-27 H-334-KS-05A Total/NA Water 200 460-25645-29 W-304-NS-01A Total/NA Water 200 460-25645-31 G-27-KS-01A Total/NA Water 200 460-25645-33 G-304-NS-01A Total/NA Water 200 460-25645-33 G-304-NS-01A Total/NA Water 200 460-25645-33 S-492-DW-01A Total/NA Wa	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256454-16 W-304-TL-10A Total/NA Water 200 460-256454-18 CHA1-4 Total/NA Water 200 460-256454-19 H-334-NS-01A Total/NA Water 200 460-25645-21 H-334-TL-02A Total/NA Water 200 460-25645-23 H-334-DW-03A Total/NA Water 200 460-256454-25 H-334-DW-04A Total/NA Water 200 460-256454-27 H-334-KS-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-25645-33 G-304-NS-01A Total/NA Water 200 460-25645-33 G-304-NS-01A Total/NA Water 200 460-25645-35 S-492-DW-01A Total/NA Water 200 460-25645-37 S-492-IM-02A Total/NA Water 200 460-25645-438 S-492-DW-04A Total/NA <td< td=""><td>460-256454-12</td><td>W-304-DW-07A</td><td>Total/NA</td><td>Water</td><td>200</td><td></td></td<>	460-256454-12	W-304-DW-07A	Total/NA	Water	200	
460-256454-18 CHA1-4 Total/NA Water 200 460-256454-19 H-334-NS-01A Total/NA Water 200 460-256454-21 H-334-TL-02A Total/NA Water 200 460-256454-23 H-334-DW-03A Total/NA Water 200 460-256454-25 H-334-DW-03A Total/NA Water 200 460-256454-27 H-334-KS-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-38 S-492-NS-05A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-41 S-492-NS-05A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 460-256454-40 Method Blank Total/NA Water 200 460-256454-40 S-492-DW-07A Total/NA Water 200	460-256454-14	W-304-NS09A	Total/NA	Water	200	
460-256454-19 H-334-NS-01A Total/NA Water 200 460-256454-21 H-334-TL-02A Total/NA Water 200 460-256454-23 H-334-DW-03A Total/NA Water 200 460-256454-25 H-334-DW-04A Total/NA Water 200 460-256454-27 H-334-KS-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-DW-07A Total/NA	460-256454-16	W-304-TL-10A	Total/NA	Water	200	
460-256454-21 H-334-TL-02A Total/NA Water 200 460-256454-23 H-334-DW-04A Total/NA Water 200 460-256454-25 H-334-DW-04A Total/NA Water 200 460-256454-27 H-334-K-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-36 S-492-DW-01A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-38 S-492-NS-05A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-40 S-492-DS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-450450/1-A Method Blank Total/NA Water 200 LCS 460-840250/1-A Method Blank Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-18	CHA1-4	Total/NA	Water	200	
460-256454-23 H-334-DW-03A Total/NA Water 200 460-256454-25 H-334-DW-04A Total/NA Water 200 460-256454-27 H-334-KS-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-DW-04A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-DW-07A Total/NA Water 200 460-256454-48 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA	460-256454-19	H-334-NS-01A	Total/NA	Water	200	
460-256454-25 H-334-DW-04A Total/NA Water 200 460-256454-27 H-334-KS-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-IM-02A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-40 S-492-NS-05A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA	460-256454-21	H-334-TL-02A	Total/NA	Water	200	
460-256454-27 H-334-KS-05A Total/NA Water 200 460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-45 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A <td>460-256454-23</td> <td>H-334-DW-03A</td> <td>Total/NA</td> <td>Water</td> <td>200</td> <td></td>	460-256454-23	H-334-DW-03A	Total/NA	Water	200	
460-256454-29 W-304-NS-01A Total/NA Water 200 460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-16 DU W-304-TL-10A	460-256454-25	H-334-DW-04A	Total/NA	Water	200	
460-256454-31 G-27-KS-01A Total/NA Water 200 460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-27	H-334-KS-05A	Total/NA	Water	200	
460-256454-33 G-304-NS-01A Total/NA Water 200 460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-29	W-304-NS-01A	Total/NA	Water	200	
460-256454-35 S-492-DW-01A Total/NA Water 200 460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-31	G-27-KS-01A	Total/NA	Water	200	
460-256454-37 S-492-IM-02A Total/NA Water 200 460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-33	G-304-NS-01A	Total/NA	Water	200	
460-256454-38 S-492-KS-03A Total/NA Water 200 460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-35	S-492-DW-01A	Total/NA	Water	200	
460-256454-40 S-492-DW-04A Total/NA Water 200 460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-37	S-492-IM-02A	Total/NA	Water	200	
460-256454-42 S-492-NS-05A Total/NA Water 200 460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-38	S-492-KS-03A	Total/NA	Water	200	
460-256454-44 S-492-TL-06A Total/NA Water 200 460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-40	S-492-DW-04A	Total/NA	Water	200	
460-256454-46 S-492-DW-07A Total/NA Water 200 460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-42	S-492-NS-05A	Total/NA	Water	200	
460-256454-48 CHA1-5 Total/NA Water 200 MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-44	S-492-TL-06A	Total/NA	Water	200	
MB 460-840250/1-A Method Blank Total/NA Water 200 LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-46	S-492-DW-07A	Total/NA	Water	200	
LCS 460-840250/2-A Lab Control Sample Total/NA Water 200 460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-48	CHA1-5	Total/NA	Water	200	
460-256454-16 MS W-304-TL-10A Total/NA Water 200 460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	MB 460-840250/1-A	Method Blank	Total/NA	Water	200	
460-256454-27 MS H-334-KS-05A Total/NA Water 200 460-256454-16 DU W-304-TL-10A Total/NA Water 200	LCS 460-840250/2-A	Lab Control Sample	Total/NA	Water	200	
460-256454-16 DU W-304-TL-10A Total/NA Water 200	460-256454-16 MS	W-304-TL-10A	Total/NA	Water	200	
	460-256454-27 MS	H-334-KS-05A	Total/NA	Water	200	
460-256454-27 DU H-334-KS-05A Total/NA Water 200	460-256454-16 DU	W-304-TL-10A	Total/NA	Water	200	
	460-256454-27 DU	H-334-KS-05A	Total/NA	Water	200	

Prep Batch: 840300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256454-51	H-DC-DW-01A	Total/NA	Water	200	
460-256454-53	H-DC-KS-03A	Total/NA	Water	200	
460-256454-55	H-AEB-TL-01A	Total/NA	Water	200	
460-256454-57	H-AEB-TL-03A	Total/NA	Water	200	
460-256454-59	H-AEB-TL-04A	Total/NA	Water	200	
460-256454-61	H-AEB-TL-05A	Total/NA	Water	200	
460-256454-63	H-ENV-DW-02A	Total/NA	Water	200	
MB 460-840300/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840300/2-A	Lab Control Sample	Total/NA	Water	200	

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: W-304-KS-02A

Date Collected: 04/14/22 06:50 Date Received: 04/15/22 10:10 Lab Sample ID: 460-256454-1

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:44	YZH	TAL EDI

Client Sample ID: W-304-KS-03A

Date Collected: 04/14/22 06:52 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-3

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840247	04/20/22 14:47	YZH	TAL EDI

Client Sample ID: W-304-DW-04A Lab Sample ID: 460-256454-5

Date Collected: 04/14/22 06:57 Date Received: 04/15/22 10:10

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:49	YZH	TAL EDI

Client Sample ID: W-304-DW-05A

200.8

Date Collected: 04/14/22 06:59

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-7

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:51	YZH	TAL EDI

Client Sample ID: W-304-CM-11A Lab Sample ID: 460-256454-9

1

840247 04/20/22 14:54 YZH

Date Collected: 04/14/22 07:47 Date Received: 04/15/22 10:10

Total/NA

Matrix: Water

Batch **Batch** Dilution Batch Prepared **Prep Type** Type Method Run Factor Number or Analyzed Analyst I ab TAL EDI Total/NA 200 840234 04/20/22 13:16 YZH Prep

Client Sample ID: W-304-KS-06A

Date Collected: 04/14/22 07:04 Date Received: 04/15/22 10:10

Analysis

Lab Sample ID: 460-256454-10

TAL EDI

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840247	04/20/22 14:56	YZH	TAL EDI

Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: W-304-DW-07A

Lab Sample ID: 460-256454-12

Matrix: Water

Date Collected: 04/14/22 07:11 Date Received: 04/15/22 10:10

Client: CHA Inc

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:11	YZH	TAL EDI

Lab Sample ID: 460-256454-14 Client Sample ID: W-304-NS09A

Date Collected: 04/14/22 07:16 **Matrix: Water**

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:13	YZH	TAL EDI

Client Sample ID: W-304-TL-10A Lab Sample ID: 460-256454-16

Date Collected: 04/14/22 07:20 **Matrix: Water**

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:04	YZH	TAL EDI

Client Sample ID: CHA1-4 Lab Sample ID: 460-256454-18 Date Collected: 04/14/22 07:18 **Matrix: Water**

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:20	YZH	TAL EDI

Client Sample ID: H-334-NS-01A Lab Sample ID: 460-256454-19

Date Collected: 04/14/22 11:30

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:23	YZH	TAL EDI

Lab Sample ID: 460-256454-21 Client Sample ID: H-334-TL-02A

Date Collected: 04/14/22 11:50 Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:25	YZH	TAL EDI

Eurofins Edison

Matrix: Water

Matrix: Water

Client: CHA Inc Project/Site: Bergen County School District - Special

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

Date Collected: 04/14/22 11:56 Date Received: 04/15/22 10:10 Lab Sample ID: 460-256454-23

Matrix: Water

Job ID: 460-256454-1

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:27	YZH	TAL EDI

Client Sample ID: H-334-DW-04A

Date Collected: 04/14/22 11:59 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-25

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Į	Total/NA	Analysis	200.8		1	840247	04/20/22 16:30	YZH	TAL EDI

Client Sample ID: H-334-KS-05A

Date Collected: 04/14/22 11:40 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-27

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:34	YZH	TAL EDI

Client Sample ID: W-304-NS-01A

Date Collected: 04/14/22 06:40

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-29

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:46	YZH	TAL EDI

Client Sample ID: G-27-KS-01A

Date Collected: 04/14/22 08:34

Date Received: 04/15/22 10:10

Lab Sample	ID:	460-256454-31
		Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:48	YZH	TAL EDI

Client Sample ID: G-304-NS-01A

Date Collected: 04/14/22 09:21

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-33

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:51	YZH	TAL EDI

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: S-492-DW-01A

Date Collected: 04/14/22 10:13 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-35

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:53	YZH	TAL EDI

Client Sample ID: S-492-IM-02A

Date Collected: 04/14/22 10:21 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-37

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840247	04/20/22 16:55	YZH	TAL EDI

Client Sample ID: S-492-KS-03A

Date Collected: 04/14/22 10:21 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-38

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 16:58	YZH	TAL EDI

Client Sample ID: S-492-DW-04A

Date Collected: 04/14/22 10:26 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-40

Matrix: Water

Bron Tuno	Batch	Batch Method	Dun	Dilution	Batch	Prepared	Analyst	Lab
Prep Type Total/NA	Type Prep	- Method 200	Run	Factor	Number 840250	or Analyzed 04/20/22 14:38	Analyst YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 17:00	YZH	TAL EDI

Client Sample ID: S-492-NS-05A

Date Collected: 04/14/22 10:41 Date Received: 04/15/22 10:10 Lab Sample ID: 460-256454-42

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 17:02	YZH	TAL EDI

Client Sample ID: S-492-TL-06A

Date Collected: 04/14/22 10:47

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-44

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 17:05	YZH	TAL EDI

Job ID: 460-256454-1

Client: CHA Inc Project/Site: Bergen County School District - Special

Client Sample ID: S-492-DW-07A

Date Collected: 04/14/22 10:53 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-46

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 15:51	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 17:11	YZH	TAL EDI

Client Sample ID: CHA1-5 Lab Sample ID: 460-256454-48 **Matrix: Water**

Date Collected: 04/14/22 11:33 Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840250	04/20/22 14:38	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 17:14	V7H	TAL EDI

Client Sample ID: H-DC-DW-01A

Date Collected: 04/14/22 07:00

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-51

Matrix: Water

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 18:50	YZH	TAL EDI

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

Date Collected: 04/14/22 07:05

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256454-53 **Matrix: Water**

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 18:52	YZH	TAL EDI

Client Sample ID: H-AEB-TL-01A Lab Sample ID: 460-256454-55

Date Collected: 04/14/22 07:20

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 18:55	YZH	TAL EDI

Client Sample ID: H-AEB-TL-03A Lab Sample ID: 460-256454-57

Date Collected: 04/14/22 07:25 Date Received: 04/15/22 10:10

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 19:01	YZH	TAL EDI

Lab Chronicle

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Client Sample ID: H-AEB-TL-04A

Lab Sample ID: 460-256454-59 Date Collected: 04/14/22 07:30

Matrix: Water

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 19:04	YZH	TAL EDI

Client Sample ID: H-AEB-TL-05A Lab Sample ID: 460-256454-61

Date Collected: 04/14/22 07:35 **Matrix: Water**

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 19:06	YZH	TAL EDI

Client Sample ID: H-ENV-DW-02A Lab Sample ID: 460-256454-63

Date Collected: 04/14/22 07:40 **Matrix: Water**

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840300	04/20/22 18:08	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 19:09	YZH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256454-1

Project/Site: Bergen County School District - Special

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256454-1	W-304-KS-02A	Water	04/14/22 06:50	04/15/22 10:10
460-256454-3	W-304-KS-03A	Water	04/14/22 06:52	04/15/22 10:10
460-256454-5	W-304-DW-04A	Water	04/14/22 06:57	04/15/22 10:10
460-256454-7	W-304-DW-05A	Water	04/14/22 06:59	04/15/22 10:10
460-256454-9	W-304-CM-11A	Water	04/14/22 07:47	04/15/22 10:10
460-256454-10	W-304-KS-06A	Water	04/14/22 07:04	04/15/22 10:10
460-256454-12	W-304-DW-07A	Water	04/14/22 07:11	04/15/22 10:10
460-256454-14	W-304-NS09A	Water	04/14/22 07:16	04/15/22 10:10
460-256454-16	W-304-TL-10A	Water	04/14/22 07:20	04/15/22 10:10
460-256454-18	CHA1-4	Water	04/14/22 07:18	04/15/22 10:10
460-256454-19	H-334-NS-01A	Water	04/14/22 11:30	04/15/22 10:10
460-256454-21	H-334-TL-02A	Water	04/14/22 11:50	04/15/22 10:10
460-256454-23	H-334-DW-03A	Water	04/14/22 11:56	04/15/22 10:10
460-256454-25	H-334-DW-04A	Water	04/14/22 11:59	04/15/22 10:10
460-256454-27	H-334-KS-05A	Water	04/14/22 11:40	04/15/22 10:10
460-256454-29	W-304-NS-01A	Water	04/14/22 06:40	04/15/22 10:10
460-256454-31	G-27-KS-01A	Water	04/14/22 08:34	04/15/22 10:10
460-256454-33	G-304-NS-01A	Water	04/14/22 09:21	04/15/22 10:10
460-256454-35	S-492-DW-01A	Water	04/14/22 10:13	04/15/22 10:10
460-256454-37	S-492-IM-02A	Water	04/14/22 10:21	04/15/22 10:10
460-256454-38	S-492-KS-03A	Water	04/14/22 10:21	04/15/22 10:10
460-256454-40	S-492-DW-04A	Water	04/14/22 10:26	04/15/22 10:10
460-256454-42	S-492-NS-05A	Water	04/14/22 10:41	04/15/22 10:10
460-256454-44	S-492-TL-06A	Water	04/14/22 10:47	04/15/22 10:10
460-256454-46	S-492-DW-07A	Water	04/14/22 10:53	04/15/22 10:10
460-256454-48	CHA1-5	Water	04/14/22 11:33	04/15/22 10:10
460-256454-51	H-DC-DW-01A	Water	04/14/22 07:00	04/15/22 10:10
460-256454-53	H-DC-KS-03A	Water	04/14/22 07:05	04/15/22 10:10
460-256454-55	H-AEB-TL-01A	Water	04/14/22 07:20	04/15/22 10:10
460-256454-57	H-AEB-TL-03A	Water	04/14/22 07:25	04/15/22 10:10
460-256454-59	H-AEB-TL-04A	Water	04/14/22 07:30	04/15/22 10:10
460-256454-61	H-AEB-TL-05A	Water	04/14/22 07:35	04/15/22 10:10
460-256454-63	H-ENV-DW-02A	Water	04/14/22 07:40	04/15/22 10:10

Phone: 732-549-3900 Fax: 732-549-3679					
Client Information	Sampler:	Lab	Lab PM: Callahan, April R	Carrier Tracking No(s):	COC No: 460-154433-100038.25
Client Contact: Ms. Carrie Robinson	Phone:	E-Mail April	E-Mail: April.Callahan@et.eurofinsus.com	State of Origin:	Page 2 of 26 106 6
Company: CHA Inc		PWSID:	Analysis Requested	quested	7564
Address: III Winners Circle PO BOX 5269	Due Date Requested:				١ŏ
	TAT Requested (days): First C	mack (B) Summer			B - NaOH N - None C - Zn Acetate O - AsNaO2
State, Zip: NY, 12205-0269	Compliance Project: A Yes A	A Yes A No			
Phone. 518-453-8703(Tel)	Po#: Purchase Order not required		(6	5.0	F - MeOH R - Na2S203 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahvdrate
Email: crobinson@chacompanies.com	WO#.			RIDAY	I - Ice J - DI Water
Project Name: Bergen County School District - Special	Project #. 46037606 3(52), 100%	300		HSO	-
Site:	ssow#:		Sp (Y		ot con
world (dométicas)	Sample	Sample Matrix Type Secold, Cecomp,	beld Filtered		TedminM Isto
oampre recruitedan	X	Preservation Code:	7		Special instructions/Note:
W-304-KS-02A	7-14-22 06-50	Water			
W-304-KS-02B	_	Water			7
W-304-KS-03A	25:90	Water		Ā	
W-304-KS-03B	15.90	Water		poteu	T
W-304-DW-04A	06:51	Water		Of C	5
W-304-DW-04B	06.57	Water		hain	9 #
W-304-DW-05A	06:59	Water		24 C	7
W-304-DW-05B	5.00	Water		7992	8 #
W-304-CM-11A	07 47	Water		-091/	0
W-SBT-CM-TTBX	ps/+cu	Water			一なが本
W-304-KS-06A	J. 07.01	Water	>		01
Possible Hazard Identification		Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	Sessed if samples are re	tained longer than 1 month)
sted: I, II, III, IV, Other (specify)			Special Instructions/QC Requirements:	אספון דא רפום	MOTITIES
Empty Kit Relinquished by:	Date:		Time:	Method of Shipment:	
Reinquighed by Mark	Date/Time: 020/ 1620	Company	Received by The	EX	122 10:10 Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time.	Сотрану

Edison, NJ 08817 Phone: 732-549-3900 Fax: 732-549-3679							America
Client Information	Sampler:	Achel mills	Lab PM Callah	Lab PM: Callahan, April R	Carrier Tracking No(s):	COC No: 460-154433-100038.26	8.26
Client Contact: Ms. Carrie Robinson	Phone:		E-Mail: April.(et.eurofinsus.com	State of Origin.	Page 26 of 26	9 3
Company: CHA Inc		PWSID		Analysis Requested	sted	Job # 256	ths 159
Address: III Winners Circle PO BOX 5269	Due Date Requested:	ij				Vě	
City: Albany	TAT Requested (days):	/s):				A - HCL M B - NaOH N C - Zn Acetate O	M - Hexane N - None O - AsNaO2
State, Zip: NY, 12205-0269	Compliance Project:	: ∆ Yes ∆ No					- Na2O4S - Na2SO3
Phone: 518-453-8703(Tel)	Po #: Purchase Order not required	not required	,,,				R - NaZSZO3 S - H2SO4 T - TSP Dodecahvdrate
Email: crobinson@chacompanies.com	# OM			(o:		I - Ice J - DI Water	U - Acetone V - MCAA
Project Name: Bergen County School District - Special	Project #: 46037606	31541-1004				K - EDTA L - EDA	W - pH 4-5 Z - other (specify)
Site:	SSOW#:			-		oo to Other:	
:			Matrix (W=water, S=solid, O=waste/oll,	M/2M miofr Ti_005		redmul(lstd	
Sample Identification	Sample Date	IIMe G=grab)	ation Code:				Special Instructions/Note:
W-304-KS-06B	4-1422	07.04 G	Water			7	=
W-304-DW-07A		11:10	Water				(8
W-304-DW-07B	→	→	Water	→		エ	13
W-304-DWest			Water				1
W-304-DW-08B			Water				1
W-304-NS-09A	4-14.12	27:16 B	Water			100 m	2
W-304-NS-09B	_	1 91.10	Water			e e	5
W-304-TL-10A /MS /MS B		07.00	Water			1.0	91
W-304-TL-10B		01:10	Water			エ	17
CHA1-4	→	81:19	Walter	->			∞
				ee may be	ssed if samples are r	etained longer than 1 m	onth)
Non-mazara rialiniane Skin intani Deliverable Requested: I, II, III, IV, Other (specify)	Poison B Crimnown		gical	Special Instructions/QC Requirements:	Disposal By Lab ents:	Archive For	Months
Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:		
Relinquished by:	Date/Time:	164	Company	Received by The Albert	SX Date/Time: /	01:01 77	Company ER
Relinquished by:	Date/Time:		Company	Received by:	Date/Time:		Company
Relinquished by:	Date/Time:		Company	Received by:	Date/Time:		Company
							,

Phone: 732-549-3900 Fax: 732-549-3679			t hour	citatii ol custouy necoru			America
Client Information	Sampler: Reserved	75	Lab PM: Callah	Lab PM: Callahan, April R	Carrier Tracking No(s)		COC No: 460-154433-100038.23
Client Contact: Ms. Carrie Robinson	Phone:		E-Mail. April.	E-Mail: April.Callahan@et.eurofinsus.com	State of Origin:	Pa	Page: Sof Sof 6
Company: CHA Inc		PWSID:		Analysis	Analysis Requested	OC	\sim
Address: III Winners Circle PO BOX 5269	Due Date Requested:					- A	
City: Albany	TAT Requested (days):					< m C	
(05-0269	Compliance Project: △ Y	Δ Yes Δ No				о ш	D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3
	PO#: Purchase Order not required	quired				L (0)	
	WO#:			(o)			
Project Name: Bergen County School District - Special	Project #: 31521	H00/.		(TC)Se			
				de			Other:
	Sample	Sample Type ple (C=comp,	Matrix (W=water, S=solid,	Social Simple of		redmuk ja	
Sample Identification	mple Date	100	BT=Tissue, A=Air)	ed X		01	Special Instructions/Note:
P-296-TL-37B	/		Water				
P-827-KS-01A			Water				
P-317-KS-01B			Water				
P-327-KS-02A			Water				
P-327 KS-02B			Water				
P-327-M-03A			Water				
P-327-DW-04A			Water			849	
P-327-DW-04B			Water				
P-321-KS-01A SP			Water				
P-321-KS-01B			Water			937	
H-334-NS-01A	子子 2年	න දුණ	Water	>			0
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	e assessed if s	amples are retained	longer than 1 month)
	CINCIPAL	Nationalica		Special Instructions/QC Requirements:	Disposar by Lab ments:	Alcilive For	Monda
nquished by:	Date:			Time:	Method of	Method of Shipment:	
A Pr	Date/Time:	3	Company	Received by: (9	12 D	Date/Impe: S/22	10:10 Company E
	Date/Time:		Company	Received by:		Date/Time:	Company
Relinquished by:	Date/Time:		Company	Received by:		Date/Time:	Company

Sample Date Date Color Da	777 New Durham Road Edison, NJ 08817 Phone: 732-549-3800 Fax: 732-549-3679	Chain o	Chain of Custody Record	Record	7	S CUTOTINS Environment Testing America
POSITION	Client Information	l _e		ъм: ahan, April R		COC No: 460-154433-100038.24
PORSIGNE Comparison Compa	Client Contact: Ms. Carrie Robinson			iil: I.Callahan@et.eurofinsus.com		Page:
10 10 10 10 10 10 10 10	Company: CHA Inc			Analysis R		7579GE #900
1	Address: III Winners Circle PO BOX 5269	Due Date Requested:			6	Preservation Codes:
10 10 10 10 10 10 10 10	City Albany	TAT Requested (days):				
Purchase Order not required Purchase Coder not required Purc	State, Zip: NY, 12205-0269	Compliance Project: A Yes A	NO NO			
100 100	Phone: 518-453-8703(Tel)	Po #: Purchase Order not required				
Section Sect	Email: crobinson@chacompanies.com			(c)		
Sample Date Sample Date Sample Matrix Sample Matrix Sample Date Time Sample Date Time Sample Date Sample	Project Name: Bergen County School District - Special		1004	(1) (1)	-	
Sample Date Sample Greener Sample Sam	Site:	1		∴ us	-	Other:
Sample Date Time Gagab) Increase and to Code Time Tim				M/SM mor	s tedmuN is	
1156 Water 1156	Sample Identification	Time	- 03	X EIG	loT >	Special Instructions/Note:
1150 Water	H-334-NS-01B	4.2	5 G Water			70
1156 Water 1156	H334EW92A_4H-334.7L-62A	\vdash				
115C Water	H331 BWO2B St. H. 334.72-62B	1,50	Water			
1150 Water	H-334-DW-03A	1156	Water			23
1159 Water	H-334-DW-03B	391	Water			
11 40 40 40 40 40 40 40	H-334-DW-04A	1659	Water			
11 14 15 15 15 15 15 15	H-334-DW-04B	45)1	Water		3,2	
## 58 1 (4)	/Ms/	911	Water	_		27
# 1 (中心 のいで	また	7	\	3		
## OCHO Water Mater Mate	W-304-NS-01A	1-(n-n)-1		2		
Sample Disposal (A fee may be assessed if samples are retained longer than 1 mm mmable Skin Irritiant Poison B Unknown Radiological Special Instructions/QC Requirements: Special Instructions/QC Requirements: Nethod of Shipment: Time: Time: Method of Shipment: Date/Time: Company Received by: Company Company Received by: Company Received by: Company Comp	W-304-NS-01B			>		
Special Instructions/QC Requirements: Date:	lant 🗌	Unknown	adiological	Sample Disposal (A fee may be	psessed if samples are retained Disposal By Lab	d longer than 1 month)
Date: Time: Method of Shipment: PaterTime: Head Company Received by: Head Company Received by: DaterTime: DaterTim				Special Instructions/QC Requirent		
St. 26 Lesceived by: Company Received by: Contract: Custody Seal No.: Company Received by: Cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s)" C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s)" C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s)" C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s)" C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s)" C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s)" C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks: Total of a cooler Temperature(s) "C and Other Remarks" Total of a cooler Temperature(s) "C and Other Remarks" Total of a cooler Temperature(s) "C and Other Remarks" Total of a cooler Temperature(s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C and Other Remarks" Total of a cooler Temperature (s) "C	Empty Kit Relinquished by:	Date:			Method of Shipment:	
Date/Time: Company Received by: Company Received by: Date/Time: Da	Relinquished by:	1		Received by: Control	EX	
Date/Time: Company Received by: Date/Time: D	Kellidusied by.	Date/Time:	Company	Received by:	Date/Time:	Company
Cooler Temperature(s) °C and Other Remarks: 1249-4	Keiinquished by:	.Date/Time:	Company	Received by:	Date/Time:	Company
	Custody Seals Intact: Custody Seal No.:			Cooler Temperature(s) °C and Other.	なからい	=3.26,9=1.1/25

Eurofins Edison

Address:		Chain o	Chain of Custody Record 636361	361 💸 eurofins Environment Testing America
	Regulatory Program:	DW NPDES	☐ RCRA ☐ Other:	TAL-8210
Client Contact	Project Manager: Carrie R.	Actuson Si	1 #	COC No:
Company Name: CHA Consuffing Inc	Tel/Email:		Lab Contact: Carrier:	5 of 6 COCs
II Allamers Cin	Turnar	1 Time		Sampler:
Phone: 516-44. 1150	TAT if different from Below	WORKING DAYS		For Lab Use Only:
	2 weeks	(N	N //	Lab Sampling:
Project Name: Regen Conty School District	1 week	1/1)		737796
PO# 315U. 10cH	2 days	əldu		Joby SDG No.: Good
Sample Identification	Sample Sample (C=Comp. Date Time G=Grab)	# of	₹.00\S	Sample Specific Notes:
6-27-KS-01A	J 4580 1741-4	Works (3
6-27-155-0113		- ->		Held 33
13-304-NS-01A	17:60			33
6-304-NS-01B	> -: >	~		Hold * Analyze A Some 34
S-492-DW-01A	(6:13	-		5 nor TAT 3E
S-49L- DW-01B	-			10ks (B)
- 491 -	10:01			+
S-491-165-03A	97:01	1		l .
8-492-KS-03B	V 35.01 +	-		
S- 496-04A	10.36	-		07
5- 492- DW-04B	J 95.01	- -	>	1h 4h
Preservation Used: 1= Ice, Z= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6=	; 5=NaOH; 6= Other			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.	ise List any EPA Waste Codes for	the sample in the	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	mples are retained longer than 1 month)
Non-Hazard Hammable Skin Irritant	Poison B Unknown	own	Return to Client	Archive for Months
Special Instructions/QC Requirements & Comments:			TD#9-3.1=3,3	3,3/0,9=1,1/3,5=3.7
Custody Seals Intact:	Custody Seal No.:		Cooler Temp. ("C); Obs'd:	Corr'd: Therm ID No.:
Relinquished by:	Company: CHA	Date/Time;	Received by: Company:	Date/Time: 10:10
Relinquished by:	Company:	Date/Timé:	Received by: U	ry: Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Company:	y: Date/Time:

Environment Testing TAL-8210 256454 0:01 Sample Specific Notes COCs 49 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month Date/Time: 122 11 0 For Lab Use Only: 15.5 Job / SDG No.: ō Walk-in Client: ab Sampling: eurofins 😂 Date/Time: COC No: Hold to B Hold و 1249-3,1=3,3/0.9=1.1 Company: ER 636362 Company: Company Disposal by Lab Date: Carrier: Chain of Custody Record Received in Laboratory by Site Contact: Reservan Other: Return to Client Received by: Lab Contact: RCRA Filtered Sample (Y/N)
Perform MS / MSD (Y/N) 474.14/16.20 Date/Time: NPDES Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the # of Cont. Date/Time: WORKING DAYS Matrix Tark. Project Manager: Carrie Robinson Tel/Email: 516-453-450 DW Analysis Turnaround Time Type (C=Comp, G=Grab) Regulatory Program: TAT if different from Below 1 week 2 days 2 weeks 1 day Sample Time CALENDAR DAYS 10.47 14:01 (6.0) 6:53 1133 Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 10:41 City 10.4 Custody Seal No. Poison B 4445 Company: Sample Date Company 美 Company NA 7 Bergen Cashing School District Special Instructions/QC Requirements & Comments: Comments Section if the lab is to dispose of the sample Albany NY 12105 518-453-450 Blank I Winners Carle 5-491- DW-078 Blank Sample Identification S-492- DW-07A CHA Consulting 5-492-71-0608 S-492-71-06A S-492-NS-05B Yes 8-492-NS-05A Client Contact CHA 1-5 Possible Hazard Identification: Temp 3152 - 1004 Rmo Custody Seals Intact Company Name: elinquished by: Project Name: Relinquished by Non-Hazard City/State/Zip: Address: Address:

45 4958

	L.	HOUSEDAN	200000000000000000000000000000000000000	PATER TOTAL STREET	Charles by State	7	STATE STATE OF		200000000000000000000000000000000000000	NAMES AND ADDRESS OF	STREET, STREET	CONTRACTOR	STREET, STREET	STATE	- 10
Number of Coolers:	3			IR Gun #	. 5) lor Tel	Cooler Temperatures	411700							
	RAW	CORRECTED				RAW	CORRECTED	20 10			RAW	CORRECTED			
Cooler #1: 3	2 2	3.36		ŏ	Cooler #4:	Ş	٧		O	Cooler #7:	S	S			
Cooler #2: 0 6	000	2		ŏ	Cooler #5:	S)	٧		O	Cooler #8:	S	S			
Cooler #3: 5,	350	2°7°		ŏ	Cooler #6:	Q	υ υ		O	Cooler #9:	ပ	υ υ			
	Ammonia	COD	Nitrate Nitrite	Metals Hardness	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	T0C	Total Cyanide	Total Phos	Other	Other
TALS Sample Number	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
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8				くろ											
3				(X)											
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_ເ				6											
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A				2											
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9				ر ک											
01				22											
- 1				<2											
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13				くス											
	If pH adju	If pH adjustments are required record the information below:	re require	ed record	the infor	mation be	elow:								1
Sample No(s). adjusted:	. adjusted:														
Preservative Name/Conc.	me/Conc.					Volur	Volume of Preservative used (ml):	servative u	sed (ml):						
Lot # of Preservative(s)	nyafiya(e).														

EDS-WI-038, Rev 4.1 10/22/2019

Initials:

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

Date

EDS-WI-038, Rev 4.1 10/22/2019

Job Number:	hsh958		Eu Rece	Eurofins TestAmerica Edison Receipt Temperature and pH Log	stAmeric erature a	a Edisor Ind pH L	- Bo					Page	Page 🔨 of
Number of Coolers:	3	R	IR Gun #		0								
				Cooler Temperatures	empera	tures							
が の の の の の の の の の の の の の の の の の の の	RAW CORRECTED			RAW	CORRECTED				RAW	CORRECTED			
Cooler #1:	1.0.1 ° 0.0°		Cooler #4:	£ .	S		ວິ	Cooler #7:	S	٧			
Cooler #2:	20,9 cl. 1 c		Cooler #5:	5:	ပ		ပိ	Cooler #8:	ပ္	y			
Cooler #3:	3:3.5 c 3.7c		Cooler #6:	16: T	ري د		ပိ	Cooler #9:	Ş	S			
	Ammonia COD	Nitrate Nitrite Me	Metals Hardness	ss Pest	EPH or QAM	Phenols	Sulfide	TKN	T0C	Total Cyanide	Total Phos	Other	Other
TALS Sample Number	(pH<2) (pH<2)	(pH<2) (pl	(pH<2) (pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
7/	\vdash	-	├	\vdash				├	\vdash				
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91		<u>\</u>	(%										
		V	K										
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30		V	23						7				
3]		>	\ \ \										
22		V	<2										
23		7	23										
24		7	67										
25		7	(3										
26		7	73										
	If pH adjustments a	ustments are required record the information below:	ecord the ir	iformation t	selow:								
Sample No(s). adjusted:). adjusted:			1									
Preservative Name/Conc	ame/Conc.:			lo>	Volume of Preservative used (ml):	servative u	sed (ml):						
Lot # of Preservative(s):	ervative(s):			1		Expirat	Expiration Date:						
	The appropri	ne 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.	anager and L analysis whi	Department N ch are out of	Manager sh 'complianc	ould be no e must be	tified abou acidified at	t the samp least 24 h	les which ours prior	were pH or to analys	adjusted. is.		
FDS-WI-038 Rev 4 1			D		-		70	04 /16/22	7				

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.	Date: 4/16/22_	
Samples for Metal analysis which are out of cor	Initials: A C	
	038, Rev 4.1 19	

Number of Coolers:	2		IR Gun #		Cooler Temperatures	mpera	tures						
Cooler #1: S Cooler #2: O Cooler #3: S.	CORRECTED (C) C (C		0 0 0	Cooler #4: Cooler #5: Cooler #6:	NAM D D	CORRECTED CORRECTED		0 0 0	Cooler #7: Cooler #8: Cooler #9:	PAW C C C	CORRECTED &		
Ą	Ammonia COD	Nitrate Nitrite	Metals	Hardness	Pest	EPH or QAM	Phenois	Sulfide	X N	10C	Total Cyanide	Total Phos	Other
TALS Sample Number ((pH<2) (pH<2)	(pH<2)	(pH<2)	(pH<2)	(bH 5-9)	(pH<2)	(pH<2)	(6 <hd)< td=""><td>(pH<2)</td><td>(pH<2)</td><td>(pH>12)</td><td>(pH<2)</td><td></td></hd)<>	(pH<2)	(pH<2)	(pH>12)	(pH<2)	
27			۷ ۶										
8°C			23										
29			73										
30			イス										
31			رم الا										
32			77										
33			く ろ										
34			77										
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37			とろ										
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			てフ										
1 1	if pH adjustments are required record the information below:	are requi	red record	d the infor	mation be	low:							
Sample No(s). adjusted:	usted:												
Preservative Name/Conc.:	Conc.				Volur	ne of Pres	Volume of Preservative used (ml):	sed (ml):					
Lot # of Preservative(s):	tive(s):						Expirat	Expiration Date:					

Job Number:	756454		Euro	Eurofins TestAmerica Edison Receipt Temperature and pH Log	America rature ar	Edison nd pH Lc	b.					Page	Page 4 of 5	0
Number of Coolers:	2	IR Gun #	#		1									
	RAW CORRECTED		3	Cooler Temperatures	mperal corrected	tures			RAW	CORRECTED				
Cooler #1: Cooler #2: Cooler #3:	1: 3. e 3.3e 2: 0. 9e 1. e 3: 3.5e 3.7e		Cooler #4: Cooler #5: Cooler #6:	ဂ ဂ ဂ	D D D		8 8 8	Cooler #7: Cooler #8: Cooler #9:	δ δ δ	δ δ δ				
	Ammonia COD	Nitrate ** Nitrite Metals	* Hardness	Pest	EPH or QAM	Phenois	Sulfide	T X	100	Total Cyanide	Total Phos	Other	Other	
TALS Sample Number	(pH<2) (pH<2) ((pH<2) (pH<2)	(pH<2)	(bH 2-9)	(pH<2)	(pH<2)	(6 <hd)< td=""><td>(pH<2)</td><td>(pH<2)</td><td>(pH>12)</td><td>(pH<2)</td><td></td><td></td><td></td></hd)<>	(pH<2)	(pH<2)	(pH>12)	(pH<2)			
0h		H	├		\vdash	\vdash								
(h		67												
8h		73												
43		7												
hh		27												
45		73												
9h		ベン												
47		22												
8h		77												
H		42												
B		7												
5		22												
52		セン												
	If pH adjustments are required record the information below:	required reco	ord the infor	mation be	ow:									_
Sample No(s). adjusted:	. adjusted:													
Preservative Name/Conc.:	ame/Conc.:			Volun	Volume of Preservative used (ml):	ervative us	ed (ml):							
Lot # of Preservative(s):	ervative(s):					Expiration Date:	on Date:							
	The appropriat Sample	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	ger and Department	artment Ma ire out of co	nager sho	uld be noti	ified about	the samp	les which	were pH to analys	adjusted.			
EDS-WI-038, Rev 4.1 10/22/2019	Initials:	A	, J			Date	7	/16/	122		i			

Date:

R Gun # Cooler #1: 3, C 3 C C C C C C C C		
(Cooler Tempera PM CORRECTED		
#1: 3, © 3 © Cooler #4: © © © § § § § § § § § § § § § § § § §	Ires	
#1: 3, c	RAW CORRECTED	
#2: 0.4c 9 C Cooler #5: C Cooler #6: C C C COOLER #6: C C C COOLER #6: C C C COOLER #6: C C C C COOLER #6: C C C C COOLER #6: C C C C C C C C C C C C C C C C C C C	Cooler#7: C C	
(pH<2) (p	Cooler #8: C	
Nitrate Natural (pH<2) (p	Cooler#9: c c	
(pH<2) (Total Phenols Sulfide TKN TOC Cyanide	Total Phos Other
	(pH<2) (pH>9) (pH<2) (pH<2) (pH>12)	(pH<2)
Sample No(s). adjusted:		
Preservative Name/Conc.: Volume of Preservative used (ml):	vative used (ml):	
Lot # of Preservative(s):	Expiration Date:	

Other

EDS-WI-038, Rev 4.1 10/22/2019

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256454-1

Login Number: 256454 List Source: Eurofins Edison

List Number: 1

Creator: Casallas, Angela C

Answer	Comment
N/A	
True	
False	Refer to Job Narrative for details.
True	
False	Refer to Job Narrative for details.
True	
True	
True	
N/A	
	N/A True True True True True True True Tru

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LABORATORY REPORTS

Small Animal Care



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256239-1

Client Project/Site: Bergen County School District - Technical

For: CHA Inc. **III Winners Circle** PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by: 5/16/2022 12:40:56 PM

April Callahan, Project Manager

(732)549-3900

April.Callahan@et.eurofinsus.com

----- LINKS ------

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receint Checklists	15

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Definitions/Glossary

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Glossary

MCL

MDA

Ciossaiy	
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
CFU	Colony Forming Unit
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)

MDC Minimum Detectable Concentration (Radiochemistry)
MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Activity (Radiochemistry)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive 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)

TNTC Too Numerous To Count

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Case Narrative

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256239-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County School District - Technical

Report Number: 460-256239-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/12/2022 4:21 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

Remaining holds were canceled on 5/16.

TOTAL METALS

Samples P-SAC-KS-02A (460-256239-1) and CHA-2 (460-256239-3) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 04/18/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-SAC-KS-02A	Lab Sample ID: 460-256239-1
·	

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D Method	Prep Type
Lead	0.20	2.00	0.11 ug/L	1 200.8	Total/NA

Client Sample ID: CHA-2	Lab Sample ID: 460-256239-3

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Lead	0.22	2.00	0.11 ug/L	1	200.8	Total/NA

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Client Sample Results

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-SAC-KS-02A Lab Sample ID: 460-256239-1

Date Received: 04/12/22 16:21

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Lead
 Qualifier
 RL Qualifier
 MDL Qualifier
 Unit QL
 D Qualifier
 Prepared Qualifier
 Analyzed Qualifier
 D QUALIFICATION

Client Sample ID: CHA-2 Lab Sample ID: 460-256239-3

Date Collected: 04/12/22 14:50

Date Received: 04/12/22 16:21

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Lead
 Qualifier
 RL Qualifier
 MDL Qualifier
 Unit QL
 D Qualifier
 Prepared Qualifier
 Analyzed Qualifier
 D QUALIFICATION

Eurofins Edison

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Matrix: Water

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QC Sample Results

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-839796/1-A **Client Sample ID: Method Blank**

Matrix: Water

Analysis Batch: 839824

Prep Batch: 839796 MB MB

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac Prepared 2.00 04/18/22 14:07 04/18/22 15:07 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-839796/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 839824 **Prep Batch: 839796** Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 5.00 93 85 - 115 Lead 4.63 ug/L

Lab Sample ID: 460-256239-1 MS Client Sample ID: P-SAC-KS-02A

Matrix: Water

Analysis Batch: 839824 Prep Batch: 839796 Sample Sample Spike MS MS %Rec

Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec Lead 0.20 5.00 4.60 88 70 - 130 ug/L

Lab Sample ID: 460-256239-1 DU Client Sample ID: P-SAC-KS-02A

Matrix: Water

Analysis Batch: 839824

DU DU **RPD** Sample Sample Analyte Result Qualifier Result Qualifier Unit RPD Limit

Lead 0.20 0.21 ug/L

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 839796

QC Association Summary

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 839796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256239-1	P-SAC-KS-02A	Total/NA	Water	200	
460-256239-3	CHA-2	Total/NA	Water	200	
MB 460-839796/1-A	Method Blank	Total/NA	Water	200	
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200	
460-256239-1 MS	P-SAC-KS-02A	Total/NA	Water	200	
460-256239-1 DU	P-SAC-KS-02A	Total/NA	Water	200	

Analysis Batch: 839824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256239-1	P-SAC-KS-02A	Total/NA	Water	200.8	839796
460-256239-3	CHA-2	Total/NA	Water	200.8	839796
MB 460-839796/1-A	Method Blank	Total/NA	Water	200.8	839796
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200.8	839796
460-256239-1 MS	P-SAC-KS-02A	Total/NA	Water	200.8	839796
460-256239-1 DU	P-SAC-KS-02A	Total/NA	Water	200.8	839796

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Lab Chronicle

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

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

Lab Sample ID: 460-256239-1 Date Collected: 04/12/22 13:50

Matrix: Water

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:13	YZH	TAL EDI

Client Sample ID: CHA-2 Lab Sample ID: 460-256239-3

Date Collected: 04/12/22 14:50 **Matrix: Water**

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:20	YZH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256239-1

Project/Site: Bergen County School District - Technical

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256239-1	P-SAC-KS-02A	Water	04/12/22 13:50	04/12/22 16:21
460-256239-3	CHA-2	Water	04/12/22 14:50	04/12/22 16:21

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for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.	Date: Olle
Metal analysis w	S. C. C.
Samples for	nitials:

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

Expiration Date:

Lot # of Preservative(s):

Other Other (pH<2) Total Phos (pH>12) P Total Cyanide (pH<2) **TOC** Cooler #8: Cooler #9: Cooler #7: (pH<2) Z Z Volume of Preservative used (ml): Phenois Sulfide (bH>) (pH<2) Cooler Temperatures (pH<2) S S y EPH or QAM If pH adjustments are required record the information below: S S P (bH 2-9) Pest Cooler #4: Cooler #5: Cooler #6: Metals Hardness (pH<2) IR Gun # (pH<2) Nitrate Nitrite (pH<2) (pH<2) 000 Sample No(s). adjusted: Preservative Name/Conc.: S (pH<2) Ammonia Cooler #3: Cooler #2: Cooler ## TALS Sample Number Number of Coolers: ک

Page of

Receipt Temperature and pH Log

15623

Job Number:

Eurofins TestAmerica Edison

EDS-WI-038, Rev 4.1 10/22/2019

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256239-1

Login Number: 256239 List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

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

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LABORATORY REPORTS

EMS



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256241-1

Client Project/Site: Bergen County School District - Technical

For: CHA Inc. **III Winners Circle** PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by: 5/16/2022 12:51:42 PM

April Callahan, Project Manager (732)549-3900

April.Callahan@et.eurofinsus.com

----- LINKS ------

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receint Checklists	15

4

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Definitions/Glossary

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Glossary

EDL

LOD

Ciocoaiy					
Abbreviation	on 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				
CFU	Colony Forming Unit				
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)				

LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)

Estimated Detection Limit (Dioxin)

Limit of Detection (DoD/DOE)

Method Detection Limit
Minimum Level (Dioxin)
Most Probable Number
Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Edison

Page 3 of 15

Case Narrative

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256241-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County School District - Technical

Report Number: 460-256241-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/12/2022 4:21 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

Remaining holds were canceled on 5/16.

TOTAL METALS

Samples P-281-DW-01A (460-256241-1) and P-281-DW-02A (460-256241-3) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 04/18/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-281-DW-01A Lab Sample ID: 460-256241-1

No Detections.

Client Sample ID: P-281-DW-02A Lab Sample ID: 460-256241-3

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Lead	1.06	2.00	0.11 ug/L	1	200.8	Total/NA

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Client Sample Results

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-281-DW-01A

Lab Sample ID: 460-256241-1 Date Collected: 04/12/22 11:15

Matrix: Water

Date Received: 04/12/22 16:21

Method: 200.8 - Metals (ICP/MS)

Analyte Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:23

Client Sample ID: P-281-DW-02A

Lab Sample ID: 460-256241-3 Date Collected: 04/12/22 11:20 **Matrix: Water**

Date Received: 04/12/22 16:21

Method: 200.8 - Metals (ICP/MS)

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 1.06 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:25

QC Sample Results

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-839796/1-A **Client Sample ID: Method Blank**

Matrix: Water

Prep Type: Total/NA Analysis Batch: 839824 **Prep Batch: 839796**

MB MB

MDL Unit Dil Fac Analyte Result Qualifier RL Prepared Analyzed 04/18/22 14:07 04/18/22 15:07 2.00 0.11 ug/L Lead <0.11

Lab Sample ID: LCS 460-839796/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 839824 **Prep Batch: 839796** Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 5.00 4.63 93 85 - 115 Lead ug/L

QC Association Summary

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 839796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256241-1	P-281-DW-01A	Total/NA	Water	200	
460-256241-3	P-281-DW-02A	Total/NA	Water	200	
MB 460-839796/1-A	Method Blank	Total/NA	Water	200	
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200	

Analysis Batch: 839824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256241-1	P-281-DW-01A	Total/NA	Water	200.8	839796
460-256241-3	P-281-DW-02A	Total/NA	Water	200.8	839796
MB 460-839796/1-A	Method Blank	Total/NA	Water	200.8	839796
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200.8	839796

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Lab Chronicle

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-281-DW-01A

Lab Sample ID: 460-256241-1 Date Collected: 04/12/22 11:15

Matrix: Water

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:23	YZH	TAL EDI

Lab Sample ID: 460-256241-3 Client Sample ID: P-281-DW-02A

Date Collected: 04/12/22 11:20 **Matrix: Water**

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:25	YZH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256241-1

Project/Site: Bergen County School District - Technical

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256241-1	P-281-DW-01A	Water	04/12/22 11:15	04/12/22 16:21
460-256241-3	P-281-DW-02A	Water	04/12/22 11:20	04/12/22 16:21

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Cooler Temperature(s) °C and Other Remarks:

15:00

Chain of Custody Record

Eurofins TestAmerica Edison

777 New Durham Road

Environment Testing

💸 eurofins

Phone (732) 549-3900 Fax (732) 549-3679								
Client Information	Sampler. HUR	pelburt	Lab PM: April C	Lab PM: April Callahan	Ca	Carrier Tracking No(s):	COC No:	
Client Contact: Seth Fowler/Carrie Robinson	Phone: 263.	823.180	Ç.Mai				Page:	04-1
Company: CHA					Analysis Requested	ested	Job #: 31521.7004	1m357
Address: 3 Winners Circle	Due Date Requested:	÷					Preservation Codes:	odes:
City. Albany State, Zpc. NY	TAT Requested (days) First Draw t	AT Requested (days): First Draw Samples (A) - 5 day TAT Flush Samples (B) analyzed only on request at 10 day TAT	ay TAT on request at				A - HCL B - NaOH C - Zn Acetate D - Nitric Acid	
Phone: 12205	PO# 315	17					F - Manso4 F - MeOH G - Amchlor	
Email: sfowler@chacompanies.com crobinson@chacompanies.com	WO #:						H - Ascorbic Acid 1 - Ice J - DI Water K - EDTA	
Project Name: Bergen County Special Services District	Project #:			Osa				Z - other (specify)
Site:	SSOW#:			A) as				
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Type Sample (C=comp,	(W=water, S=solid, O=waste/oil, HT=Tissue A=Air)	Mem mones	460-256241	460-256241 Chain of Custody		and in the contractions (Note
		/	7 03					
P-281- DW-61A	4.12.22	11:15 9	3	Q			*	_
P-281-DW-01B		11:15		-			エ	2
P-281 - DM - 02A		11:20						۲^
P-281-DW-02B	>	V 02:11	>	>			ナナ	4
Possible Hazard Identification				Sample Disp	osal (A fee may be asse	ples are re	ained longer than	1 month)
Unconirmed Deliverable Requested: I, II, III, IV, Other (specify)				Special Instru	Heturn To Client A Disp al Instructions/QC Requirements:	Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA	Archive For ng with "B" until di	Months rection from CHA
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		
Relinquished by:	Date/Time:		Company	Received by		Date/Time: 1	1 2	Company

Custody Seal No.:

Custody Seals Intact:

A Yes A No

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EDS-WI-038, Rev 4.1 10/22/2019

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256241-1

Login Number: 256241 List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

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

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LABORATORY REPORTS

Haz-Mat Building



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256244-1

Client Project/Site: Bergen County School District - Technical

For: CHA Inc III Winners Circle PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by: 5/16/2022 1:06:49 PM

April Callahan, Project Manager (732)549-3900

April.Callahan@et.eurofinsus.com

LINKS

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Total Access

Have a Question?



Visit us at: www.eurofinsus.com/Env This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Pacaint Chacklists	15

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Definitions/Glossary

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Glossary

LOQ

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
Percent Recovery
Contains Free Liquid
Colony Forming Unit
Contains No Free Liquid
Duplicate Error Ratio (normalized absolute difference)
Dilution Factor
Detection Limit (DoD/DOE)
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
Decision Level Concentration (Radiochemistry)
Estimated Detection Limit (Dioxin)
Limit of Detection (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit

MI Minimum Level (Dioxin)

Limit of Quantitation (DoD/DOE)

ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
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)

TNTC Too Numerous To Count

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Case Narrative

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256244-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County School District - Technical

Report Number: 460-256244-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/12/2022 4:21 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

Remaining holds were canceled on 5/16.

TOTAL METALS

Sample P-HAZ-KS-01A (460-256244-1) was analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 04/18/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-HAZ-KS-01A

Lab Sample ID: 460-256244-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac	D Method	Prep Type
Lead	2.00	2.00	0.11 ug/L	1	200.8	Total/NA

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Client Sample Results

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-HAZ-KS-01A Lab Sample ID: 460-256244-1

Date Collected: 04/12/22 13:40

Matrix: Water

Date Received: 04/12/22 16:21

Method: 200.8 - Metals (ICP/MS))								
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.00		2.00	0.11	ug/L		04/18/22 14:07	04/18/22 15:32	1

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QC Sample Results

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-839796/1-A **Client Sample ID: Method Blank**

Matrix: Water

Prep Type: Total/NA Analysis Batch: 839824 **Prep Batch: 839796**

MB MB

MDL Unit Dil Fac Analyte Result Qualifier RL Prepared Analyzed 04/18/22 14:07 04/18/22 15:07 2.00 0.11 ug/L Lead <0.11

Lab Sample ID: LCS 460-839796/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 839824 **Prep Batch: 839796** Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 5.00 4.63 93 85 - 115 Lead ug/L

QC Association Summary

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 839796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256244-1	P-HAZ-KS-01A	Total/NA	Water	200	
MB 460-839796/1-A	Method Blank	Total/NA	Water	200	
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200	

Analysis Batch: 839824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256244-1	P-HAZ-KS-01A	Total/NA	Water	200.8	839796
MB 460-839796/1-A	Method Blank	Total/NA	Water	200.8	839796
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200.8	839796

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Lab Chronicle

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-HAZ-KS-01A

Lab Sample ID: 460-256244-1 Date Collected: 04/12/22 13:40

Matrix: Water

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:32	YZH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256244-1

Project/Site: Bergen County School District - Technical

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256244-1	P-HAZ-KS-01A	Water	04/12/22 13:40	04/12/22 16:21

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Date		
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Job Number:	1361	3			Eurof Receip	ins Tes t Tempe	Eurofins TestAmerica Edison Receipt Temperature and pH Log	a Edisor nd pH L	og o					Page	0
Number of Coolers:				IR Gun #		0									
					ပိ	oler Te	Cooler Temperatures	tures							
Cooler ##	12 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Connectien		ŭ	Cooler #4:	RAW ?	CONNECTED		ŭ	Cooler #7:	ww C	CONNECTED			
Cooler #2:	25	υ υ		ŭ	Cooler #5:	Ŋ	ξ)		ŭ	Cooler #8:	Ş	Q			
Cooler #3:	3:	ပ္		ŏ	Cooler #6:	S	S		ŭ	Cooler #9:	Ş	g.			
	Ammonia	COD	Nitrate Nitrite	Metals	Hardness	Pest	EPH or QAM	Phenois	Suffide	TKN	100	Total Cyanide	Total	Other	Other
TALS Sample Number	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
											1				
If pH adj	If pH adjustments are required record the information below:	tments	ıre requir	ed record	the infor	mation be	elow:								
). aujusteu.														
Preservative Name/Conc.:	ame/Conc.:					Nolu	Volume of Preservative used (ml):	ervative u	sed (ml):						
Lot # of Preservative(s):	ervative(s):							Expirat	Expiration Date:						
	The	appropri	ate Projec	t Manager	and Dep	artment Ma	The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.	on ad pino	ified abou	t the samp	oles which	were pH	adjusted.		
		Sam	oles for Me	* Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.	is which a	ire out of c	ompliance	must be	acidified a	least 24 l	ours prio	r to analys	is.		

EDS-WI-038, Rev 4.1 10/22/2019

Initials:

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256244-1

Login Number: 256244 List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

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

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LABORATORY REPORTS

Main Building



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256293-1

Client Project/Site: Bergen County School District - Technical

For: CHA Inc III Winners Circle PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by: 5/18/2022 9:18:59 AM

April Callahan, Project Manager

(732)549-3900

April.Callahan@et.eurofinsus.com

.....LINKS **Review your project** results through EOL **Have a Question?** Visit us at: www.eurofinsus.com/Env

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.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	6
Client Sample Results	9
QC Sample Results	14
QC Association Summary	16
Lab Chronicle	19
Certification Summary	25
Method Summary	26
Sample Summary	27
Chain of Custody	28
Receint Checklists	35

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12

13

Definitions/Glossary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Relative Percent Difference, a measure of the relative difference between two points

Glossary

RL

RPD TEF

TEQ TNTC

Ciossaiy	
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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Eurofins Edison

Case Narrative

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256293-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County School District - Technical

Report Number: 460-256293-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/14/2022 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.5° C, 2.5° C and 2.5° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

The following sample was activated on 4/20: H-200-KS-51B (460-256293-38).

Remaining holds were canceled on 5/17.

TOTAL METALS

Samples H-200-DW-01A (460-256293-1), H-200-TL-03A (460-256293-3), H-200-DW-04A (460-256293-5), H-200-DW-06A (460-256293-7), H-200-IM-07A (460-256293-9), H-200-KS-08A (460-256293-10), H-200-DW-13A (460-256293-12), H-200-DW-14A (460-256293-14), H-200-KS-15A (460-256293-16), H-200-KS-16A (460-256293-18), H-200-DW-17A (460-256293-20), H-200-DW-19A (460-256293-22), H-200-KS-48A (460-256293-24), H-200-DW-21A (460-256293-26), H-200-DW-23A (460-256293-28), H-200-KS-27A (460-256293-30), H-200-KS-28A (460-256293-32), H-200-KS-29A (460-256293-34), H-200-IM-52A (460-256293-36), H-200-KS-51A (460-256293-37), H-200-KS-51B (460-256293-38), H-200-KS-31A (460-256293-39), H-200-DW-33A (460-256293-41), H-200-KS-34A (460-256293-43), H-200-KS-35A (460-256293-45), H-200-IM-36A (460-256293-47), H-200-IM-37A (460-256293-48), H-200-KS-38A (460-256293-49), H-200-KS-39A (460-256293-51), H-200-KS-40A (460-256293-53), H-200-DW-41A (460-256293-55), H-200-DW-45A (460-256293-57), CHA-3 (460-256293-61) and CHA-4 (460-256293-62) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 04/19/2022, 04/20/2022 and 04/22/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

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Case Narrative

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256293-1 (Continued)

Laboratory: Eurofins Edison (Continued)

All quality control parameters were within the acceptance limits.

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Client: CHA Inc Job ID: 460-256293-1 Project/Site: Bergen County School District - Technical Client Sample ID: H-200-DW-01A Lab Sample ID: 460-256293-1 No Detections. Lab Sample ID: 460-256293-3 Client Sample ID: H-200-TL-03A Analyte Result Qualifier RL MDL Unit Dil Fac D Method **Prep Type** Lead 4.26 2.00 0.11 ug/L 200.8 Total/NA Client Sample ID: H-200-DW-04A Lab Sample ID: 460-256293-5 No Detections. Client Sample ID: H-200-DW-06A Lab Sample ID: 460-256293-7 No Detections. Client Sample ID: H-200-IM-07A Lab Sample ID: 460-256293-9 No Detections. Lab Sample ID: 460-256293-10 Client Sample ID: H-200-KS-08A Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** 200.8 Lead 1.57 2.00 0.11 ug/L Total/NA Client Sample ID: H-200-DW-13A Lab Sample ID: 460-256293-12 No Detections. Client Sample ID: H-200-DW-14A Lab Sample ID: 460-256293-14 Analyte Result Qualifier Dil Fac D Method RL MDL Unit **Prep Type** 4.09 2.00 0.11 ug/L 200.8 Total/NA Lead Client Sample ID: H-200-KS-15A Lab Sample ID: 460-256293-16 Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** 6.66 2.00 0.11 ug/L 200.8 Total/NA Lead Client Sample ID: H-200-KS-16A Lab Sample ID: 460-256293-18 Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** 2.00 200.8 Total/NA Lead 1.85 0.11 ug/L Client Sample ID: H-200-DW-17A Lab Sample ID: 460-256293-20 No Detections. Client Sample ID: H-200-DW-19A Lab Sample ID: 460-256293-22 No Detections. Client Sample ID: H-200-KS-48A Lab Sample ID: 460-256293-24 Result Qualifier Dil Fac D Method Analyte RL MDL Unit **Prep Type** 200.8 Lead 2.27 2.00 0.11 ug/L Total/NA Client Sample ID: H-200-DW-21A Lab Sample ID: 460-256293-26 Result Qualifier RI **MDL** Unit Dil Fac D Method Analyte **Prep Type** 200.8 Total/NA Lead 0.53 2.00 0.11 ug/L

This Detection Summary does not include radiochemical test results.

Eurofins Edison

5/18/2022

Detection Summary Client: CHA Inc Job ID: 460-256293-1 Project/Site: Bergen County School District - Technical Client Sample ID: H-200-DW-23A Lab Sample ID: 460-256293-28 No Detections. Client Sample ID: H-200-KS-27A Lab Sample ID: 460-256293-30 Analyte Result Qualifier RL MDL Unit Dil Fac D Method **Prep Type** Lead 3.29 2.00 0.11 ug/L 200.8 Total/NA Client Sample ID: H-200-KS-28A Lab Sample ID: 460-256293-32 Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** Lead 3.85 2.00 0.11 ug/L 200.8 Total/NA Client Sample ID: H-200-KS-29A Lab Sample ID: 460-256293-34 Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** Lead 2.40 2.00 0.11 ug/L 200.8 Total/NA Client Sample ID: H-200-IM-52A Lab Sample ID: 460-256293-36 No Detections. Client Sample ID: H-200-KS-51A Lab Sample ID: 460-256293-37 Analyte Result Qualifier RL **MDL** Unit Dil Fac D Method **Prep Type** Lead 35.7 2.00 0.11 ug/L 200.8 Total/NA Client Sample ID: H-200-KS-51B Lab Sample ID: 460-256293-38 Analyte Dil Fac D Method Result Qualifier RL **MDL** Unit **Prep Type** Lead 2.00 200.8 1.08 0.11 ug/L Total/NA Client Sample ID: H-200-KS-31A Lab Sample ID: 460-256293-39

RL

2.00

RL

RL

2.00

2.00

MDL

0.11 ug/L

MDL Unit

0.11 ug/L

MDL Unit

0.11 ug/L

Unit

Dil Fac D Method

Dil Fac D Method

Dil Fac D Method

200.8

200.8

200.8

Lab Sample ID: 460-256293-41

Lab Sample ID: 460-256293-43

Lab Sample ID: 460-256293-45

Lab Sample ID: 460-256293-47

Lab Sample ID: 460-256293-48

Result Qualifier

Result Qualifier

Result Qualifier

0.56

5.08

4.92

No Detections.

No Detections.

Analyte

Analyte

Analyte

Lead

Lead

No Detections.

Client Sample ID: H-200-DW-33A

Client Sample ID: H-200-KS-34A

Client Sample ID: H-200-KS-35A

Client Sample ID: H-200-IM-36A

Client Sample ID: H-200-IM-37A

Lead

This Detection Summary does not include radiochemical test results.

5/18/2022

Prep Type

Prep Type

Prep Type

Total/NA

Total/NA

Total/NA

Detection Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-KS	S-38A					Lab Sam	ple ID: 46	0-256293-49
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	3.30		2.00	0.11	ug/L		200.8	Total/NA
Client Sample ID: H-200-KS	S-39A					Lab Sam	ple ID: 46	0-256293-51
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	0.59		2.00	0.11	ug/L		200.8	Total/NA
Client Sample ID: H-200-KS	S-40A					Lab Sam	ple ID: 46	0-256293-53
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	0.17		2.00	0.11	ug/L	1	200.8	Total/NA
Client Sample ID: H-200-DV	V-41A					Lab Sam	ple ID: 46	0-256293-55
No Detections.								
Client Sample ID: H-200-DV	V-45A					Lab Sam	ple ID: 46	0-256293-57
No Detections.								
Client Sample ID: CHA-3						Lab Sam	ple ID: 46	0-256293-61
No Detections.								
Client Sample ID: CHA-4						Lab Sam	ple ID: 46	0-256293-62
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	0.22		2.00	0.11	ug/L		200.8	Total/NA

Client Sample Results

Client: CHA Inc Job ID: 460-256293-1 Project/Site: Bergen County School District - Technical Lab Sample ID: 460-256293-1 Client Sample ID: H-200-DW-01A Date Collected: 04/13/22 07:55 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac Lead 2.00 0.11 ug/L 04/19/22 17:43 04/19/22 18:56 <0.11 Client Sample ID: H-200-TL-03A Lab Sample ID: 460-256293-3 Date Collected: 04/13/22 08:00 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac Lead 4.26 2 00 0.11 ug/L 04/19/22 17:43 04/19/22 19:03 Client Sample ID: H-200-DW-04A Lab Sample ID: 460-256293-5 Date Collected: 04/13/22 08:05 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 04/19/22 17:43 04/19/22 19:05 Lead <0.11 2.00 0.11 ug/L Lab Sample ID: 460-256293-7 Client Sample ID: H-200-DW-06A Date Collected: 04/13/22 08:10 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/19/22 17:43 04/19/22 19:07 Client Sample ID: H-200-IM-07A Lab Sample ID: 460-256293-9 Date Collected: 04/13/22 08:15 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/19/22 17:43 04/19/22 19:10 Lab Sample ID: 460-256293-10 Client Sample ID: H-200-KS-08A Date Collected: 04/13/22 08:20 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed 2.00 04/19/22 17:43 04/19/22 19:12 0.11 ug/L Lead 1.57 Lab Sample ID: 460-256293-12 Client Sample ID: H-200-DW-13A Date Collected: 04/13/22 08:35 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) **MDL** Unit Analyte Result Qualifier RI Prepared Analyzed Dil Fac <0.11 04/19/22 17:46 04/19/22 19:16 Lead 2.00 0.11 ug/L

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Page 9 of 35

Client Sample Results Client: CHA Inc Job ID: 460-256293-1 Project/Site: Bergen County School District - Technical Client Sample ID: H-200-DW-14A Lab Sample ID: 460-256293-14 Date Collected: 04/13/22 08:45 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/19/22 17:46 04/19/22 19:18 Lead 4.09 Client Sample ID: H-200-KS-15A Lab Sample ID: 460-256293-16 Date Collected: 04/13/22 08:50 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac 0.11 ug/L Lead 2 00 04/19/22 18:54 04/19/22 19:45 6.66 Client Sample ID: H-200-KS-16A Lab Sample ID: 460-256293-18 Date Collected: 04/13/22 08:55 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 04/19/22 18:54 04/19/22 19:48 Lead 1.85 2.00 0.11 ug/L Client Sample ID: H-200-DW-17A Lab Sample ID: 460-256293-20 Date Collected: 04/13/22 09:00 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 19:50 Client Sample ID: H-200-DW-19A Lab Sample ID: 460-256293-22 Date Collected: 04/13/22 09:05 **Matrix: Water** Date Received: 04/14/22 17:30

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 19:38

Lab Sample ID: 460-256293-24 Client Sample ID: H-200-KS-48A Date Collected: 04/13/22 09:10 **Matrix: Water**

Date Received: 04/14/22 17:30

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Analyzed Prepared Dil Fac 2.00 04/19/22 18:54 04/19/22 19:57 2.27 0.11 ug/L Lead

Client Sample ID: H-200-DW-21A Lab Sample ID: 460-256293-26 Date Collected: 04/13/22 09:15 **Matrix: Water**

Date Received: 04/14/22 17:30

Method: 200.8 - Metals (ICP/MS) **MDL** Unit Analyte Result Qualifier RI Prepared Analyzed Dil Fac 04/19/22 18:54 04/19/22 19:59 Lead 0.53 2.00 0.11 ug/L

Eurofins Edison

Client Sample Results

Client: CHA Inc

Project/Site: Bergen County School District - Technical Client Sample ID: H-200-DW-23A Lab Sample ID: 460-256293-28 Date Collected: 04/13/22 09:20 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac Lead 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:02 <0.11 Client Sample ID: H-200-KS-27A Lab Sample ID: 460-256293-30 Date Collected: 04/13/22 09:45 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac 0.11 ug/L Lead 3.29 2 00 04/19/22 18:54 04/19/22 20:04 Client Sample ID: H-200-KS-28A Lab Sample ID: 460-256293-32 Date Collected: 04/13/22 09:50 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 3.85 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:06 Client Sample ID: H-200-KS-29A Lab Sample ID: 460-256293-34 Date Collected: 04/13/22 09:55 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:09 Lead 2.40 Client Sample ID: H-200-IM-52A Lab Sample ID: 460-256293-36 Date Collected: 04/13/22 10:00 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:11 Lab Sample ID: 460-256293-37 Client Sample ID: H-200-KS-51A Date Collected: 04/13/22 10:05 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Analyzed Prepared 2.00 04/19/22 18:54 04/19/22 20:13 0.11 ug/L Lead 35.7 Lab Sample ID: 460-256293-38 Client Sample ID: H-200-KS-51B Date Collected: 04/13/22 10:05 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI **MDL** Unit Prepared Analyzed Dil Fac Lead 1.08 2.00 0.11 ug/L 04/22/22 13:34 04/22/22 15:27

Eurofins Edison

Job ID: 460-256293-1

Client Sample Results

Client: CHA Inc

Project/Site: Bergen County School District - Technical Client Sample ID: H-200-KS-31A Lab Sample ID: 460-256293-39 Date Collected: 04/13/22 10:45 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:16 Lead 4.92 Client Sample ID: H-200-DW-33A Lab Sample ID: 460-256293-41 Date Collected: 04/13/22 10:50 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac 0.11 ug/L Lead <0.11 2 00 04/19/22 18:54 04/19/22 20:22 Client Sample ID: H-200-KS-34A Lab Sample ID: 460-256293-43 Date Collected: 04/13/22 10:55 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.56 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:25 Client Sample ID: H-200-KS-35A Lab Sample ID: 460-256293-45 Date Collected: 04/13/22 11:00 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Dil Fac Analyzed 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:27 Lead 5.08 Client Sample ID: H-200-IM-36A Lab Sample ID: 460-256293-47 Date Collected: 04/13/22 11:05 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/19/22 18:54 04/19/22 20:29 Lab Sample ID: 460-256293-48 Client Sample ID: H-200-IM-37A Date Collected: 04/13/22 11:10 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Result Qualifier Analyte RL MDL Unit Analyzed Prepared Dil Fac 2.00 04/19/22 18:54 04/19/22 20:32 Lead <0.11 0.11 ug/L Client Sample ID: H-200-KS-38A Lab Sample ID: 460-256293-49 Date Collected: 04/13/22 11:15 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI MDL Unit Prepared Analyzed Dil Fac 04/19/22 18:54 04/19/22 20:34 Lead 3.30 2.00 0.11 ug/L

Eurofins Edison

Job ID: 460-256293-1

Client Sample Results

Client: CHA Inc Job ID: 460-256293-1 Project/Site: Bergen County School District - Technical Client Sample ID: H-200-KS-39A Lab Sample ID: 460-256293-51 Date Collected: 04/13/22 11:20 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 0.11 ug/L 2.00 04/19/22 18:54 04/19/22 20:36 Lead 0.59 Client Sample ID: H-200-KS-40A Lab Sample ID: 460-256293-53 Date Collected: 04/13/22 11:25 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead 0.17 2 00 04/20/22 11:19 04/20/22 12:01 Client Sample ID: H-200-DW-41A Lab Sample ID: 460-256293-55 Date Collected: 04/13/22 11:30 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:08 Lab Sample ID: 460-256293-57 Client Sample ID: H-200-DW-45A Date Collected: 04/13/22 11:35 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:10 Client Sample ID: CHA-3 Lab Sample ID: 460-256293-61 Date Collected: 04/13/22 12:00 **Matrix: Water** Date Received: 04/14/22 17:30 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:13

Matrix: Water

Dil Fac

Lab Sample ID: 460-256293-62

04/20/22 11:19 04/20/22 12:19

Analyzed

Prepared

RL

2.00

MDL

0.11 ug/L

Unit

Result Qualifier

0.22

Client Sample ID: CHA-4

Date Collected: 04/13/22 12:05

Date Received: 04/14/22 17:30

Analyte

Lead

Method: 200.8 - Metals (ICP/MS)

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-840047/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 840030

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte Prepared 2.00 04/19/22 17:43 04/19/22 18:12 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-840047/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 840030

Spike LCS LCS %Rec Added Result Qualifier Unit D %Rec Limits Analyte 5.00 85 - 115 Lead 4 77 ug/L 95

Lab Sample ID: 460-256293-14 MS Client Sample ID: H-200-DW-14A

Matrix: Water

Analyte

Lead

Lead

Analyte

Lead

Analysis Batch: 840030

Sample Sample Result Qualifier 4.09

Spike Added 5.00

MS MS Result Qualifier 8.63

Unit ug/L

%Rec 91

Limits 70 - 130

%Rec

Lab Sample ID: MB 460-840067/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 840030

MB MB

Analyte

Lead <0.11

Result Qualifier

RL 2 00 MDL Unit 0.11 ua/L

Prepared 04/19/22 18:54 04/19/22 19:32

Analyzed Dil Fac

Prep Batch: 840067

Prep Type: Total/NA

Prep Batch: 840047

Prep Batch: 840047

Prep Type: Total/NA

Prep Batch: 840047

Lab Sample ID: LCS 460-840067/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA Prep Batch: 840067

Analysis Batch: 840030

Analyte

Spike Added 5.00

LCS LCS Result Qualifier 4.69

Unit ug/L %Rec

92

%Rec

91

%Rec Limits 85 - 115

Lab Sample ID: 460-256293-22 MS Client Sample ID: H-200-DW-19A

Matrix: Water

Analysis Batch: 840030

Sample Sample Spike Result Qualifier Added <0.11 5 00

Sample Sample

0.59

MS MS 4.58

Result Qualifier

Unit %Rec ug/L

Prep Batch: 840067 %Rec Limits

Prep Batch: 840067

Prep Type: Total/NA

Lab Sample ID: 460-256293-51 MS Client Sample ID: H-200-KS-39A Prep Type: Total/NA

Matrix: Water

Analysis Batch: 840030

Result Qualifier Analyte Lead

Lab Sample ID: 460-256293-22 DU **Matrix: Water**

Analysis Batch: 840030

Sample Sample Result Qualifier Analyte Lead <0.11

Spike

Added

5.00

DU DU Result Qualifier < 0.11

5 12

MS MS

Result Qualifier

Client Sample ID: H-200-DW-19A

D

Unit

ug/L

Unit

ug/L

Prep Type: Total/NA **Prep Batch: 840067**

70 - 130

%Rec

Limits

70 - 130

RPD RPD Limit NC 20

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-840208/1-A Client Sample ID: Method Blank

Matrix: Water

Client: CHA Inc

Analysis Batch: 840247

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte Prepared 2.00 04/20/22 11:19 04/20/22 11:54 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-840208/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analyte

Analyte

Lead

Lead

Analysis Batch: 840247

Spike Added 5.00

LCS LCS 5.03

Result Qualifier

Unit ug/L

D %Rec 101

Limits

85 - 115

%Rec

Lab Sample ID: 460-256293-53 MS Client Sample ID: H-200-KS-40A Prep Type: Total/NA

Matrix: Water

Matrix: Water

Analysis Batch: 840247

Lab Sample ID: 460-256293-53 DU

Sample Sample Result Qualifier

0.17

Spike Added 5.00

MS MS 4.98

Result Qualifier Unit ug/L

%Rec 96

Limits 70 - 130

%Rec

Client Sample ID: H-200-KS-40A

Prep Batch: 840208

Prep Type: Total/NA **Prep Batch: 840208**

Prep Batch: 840208

Prep Type: Total/NA

Prep Batch: 840208 **RPD**

Prep Type: Total/NA

Prep Batch: 840709

Prep Type: Total/NA

Prep Batch: 840709

Prep Type: Total/NA

Prep Batch: 840709

DU DU Sample Sample Analyte Result Qualifier Result Qualifier Unit Limit 0.18 Lead 0.17 ug/L

Lab Sample ID: MB 460-840709/1-A

Matrix: Water

Analysis Batch: 840755

Analysis Batch: 840247

MR MR

Analyte

Result Qualifier

<0.11

RL 2.00 **MDL** Unit 0.11 ug/L

LCS LCS

5.14

Result Qualifier

Unit

ug/L

Unit

ug/L

Prepared

D %Rec

103

Analyzed 04/22/22 13:34 04/22/22 15:20

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

%Rec

Limits

85 - 115

Client Sample ID: H-200-KS-51B

Dil Fac

Lab Sample ID: LCS 460-840709/2-A

Matrix: Water

Lead

Analyte

Lead

Analysis Batch: 840755

Analyte

Lead Lab Sample ID: 460-256293-38 MS

Matrix: Water

Analysis Batch: 840755

Lead Lab Sample ID: 460-256293-38 DU

Matrix: Water

Analysis Batch: 840755

Analyte

Sample Sample Result Qualifier 1.08

Sample Sample Spike **Result Qualifier** Added 1.08 5.00

Spike

Added

5 00

Result Qualifier 5.98

MS MS

DU DU

1.09

Result Qualifier

ug/L

Unit Client Sample ID: H-200-KS-51B

D

%Rec 98

Limits 70 - 130

%Rec

Prep Type: Total/NA **Prep Batch: 840709**

RPD RPD Limit 20

QC Association Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Metals

Analysis Batch: 840030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
460-256293-1	H-200-DW-01A	Total/NA	Water	200.8	840047	
460-256293-3	H-200-TL-03A	Total/NA	Water	200.8	840047	
460-256293-5	H-200-DW-04A	Total/NA	Water	200.8	840047	
460-256293-7	H-200-DW-06A	Total/NA	Water	200.8	840047	
460-256293-9	H-200-IM-07A	Total/NA	Water	200.8	840047	
460-256293-10	H-200-KS-08A	Total/NA	Water	200.8	840047	
460-256293-12	H-200-DW-13A	Total/NA	Water	200.8	840047	
460-256293-14	H-200-DW-14A	Total/NA	Water	200.8	840047	
460-256293-16	H-200-KS-15A	Total/NA	Water	200.8	840067	
460-256293-18	H-200-KS-16A	Total/NA	Water	200.8	840067	
460-256293-20	H-200-DW-17A	Total/NA	Water	200.8	840067	
460-256293-22	H-200-DW-19A	Total/NA	Water	200.8	840067	
460-256293-24	H-200-KS-48A	Total/NA	Water	200.8	840067	
460-256293-26	H-200-DW-21A	Total/NA	Water	200.8	840067	
460-256293-28	H-200-DW-23A	Total/NA	Water	200.8	840067	
460-256293-30	H-200-KS-27A	Total/NA	Water	200.8	84006	
460-256293-32	H-200-KS-28A	Total/NA	Water	200.8	84006	
460-256293-34	H-200-KS-29A	Total/NA	Water	200.8	84006	
460-256293-36	H-200-IM-52A	Total/NA	Water	200.8	840067	
460-256293-37	H-200-KS-51A	Total/NA	Water	200.8	84006	
460-256293-39	H-200-KS-31A	Total/NA	Water	200.8	84006	
460-256293-41	H-200-DW-33A	Total/NA	Water	200.8	840067	
460-256293-43	H-200-KS-34A	Total/NA	Water	200.8	840067	
460-256293-45	H-200-KS-35A	Total/NA	Water	200.8	840067	
460-256293-47	H-200-IM-36A	Total/NA	Water	200.8	840067	
460-256293-48	H-200-IM-37A	Total/NA	Water	200.8	840067	
460-256293-49	H-200-KS-38A	Total/NA	Water	200.8	840067	
460-256293-51	H-200-KS-39A	Total/NA	Water	200.8	84006	
MB 460-840047/1-A	Method Blank	Total/NA	Water	200.8	84004	
MB 460-840067/1-A	Method Blank	Total/NA	Water	200.8	84006	
LCS 460-840047/2-A	Lab Control Sample	Total/NA	Water	200.8	84004	
LCS 460-840067/2-A	Lab Control Sample	Total/NA	Water	200.8	84006	
460-256293-14 MS	H-200-DW-14A	Total/NA	Water	200.8	840047	
460-256293-22 MS	H-200-DW-19A	Total/NA	Water	200.8	840067	
460-256293-51 MS	H-200-KS-39A	Total/NA	Water	200.8	840067	
460-256293-22 DU	H-200-DW-19A	Total/NA	Water	200.8	840067	

Prep Batch: 840047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256293-1	H-200-DW-01A	Total/NA	Water	200	
460-256293-3	H-200-TL-03A	Total/NA	Water	200	
460-256293-5	H-200-DW-04A	Total/NA	Water	200	
460-256293-7	H-200-DW-06A	Total/NA	Water	200	
460-256293-9	H-200-IM-07A	Total/NA	Water	200	
460-256293-10	H-200-KS-08A	Total/NA	Water	200	
460-256293-12	H-200-DW-13A	Total/NA	Water	200	
460-256293-14	H-200-DW-14A	Total/NA	Water	200	
MB 460-840047/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840047/2-A	Lab Control Sample	Total/NA	Water	200	
460-256293-14 MS	H-200-DW-14A	Total/NA	Water	200	

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Page 16 of 35

QC Association Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 840067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256293-16	H-200-KS-15A	Total/NA	Water	200	_
460-256293-18	H-200-KS-16A	Total/NA	Water	200	
460-256293-20	H-200-DW-17A	Total/NA	Water	200	
460-256293-22	H-200-DW-19A	Total/NA	Water	200	
460-256293-24	H-200-KS-48A	Total/NA	Water	200	
460-256293-26	H-200-DW-21A	Total/NA	Water	200	
460-256293-28	H-200-DW-23A	Total/NA	Water	200	
460-256293-30	H-200-KS-27A	Total/NA	Water	200	
460-256293-32	H-200-KS-28A	Total/NA	Water	200	
460-256293-34	H-200-KS-29A	Total/NA	Water	200	
460-256293-36	H-200-IM-52A	Total/NA	Water	200	
460-256293-37	H-200-KS-51A	Total/NA	Water	200	
460-256293-39	H-200-KS-31A	Total/NA	Water	200	
460-256293-41	H-200-DW-33A	Total/NA	Water	200	
460-256293-43	H-200-KS-34A	Total/NA	Water	200	
460-256293-45	H-200-KS-35A	Total/NA	Water	200	
460-256293-47	H-200-IM-36A	Total/NA	Water	200	
460-256293-48	H-200-IM-37A	Total/NA	Water	200	
460-256293-49	H-200-KS-38A	Total/NA	Water	200	
460-256293-51	H-200-KS-39A	Total/NA	Water	200	
MB 460-840067/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840067/2-A	Lab Control Sample	Total/NA	Water	200	
460-256293-22 MS	H-200-DW-19A	Total/NA	Water	200	
460-256293-51 MS	H-200-KS-39A	Total/NA	Water	200	
460-256293-22 DU	H-200-DW-19A	Total/NA	Water	200	

Prep Batch: 840208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256293-53	H-200-KS-40A	Total/NA	Water	200	
460-256293-55	H-200-DW-41A	Total/NA	Water	200	
460-256293-57	H-200-DW-45A	Total/NA	Water	200	
460-256293-61	CHA-3	Total/NA	Water	200	
460-256293-62	CHA-4	Total/NA	Water	200	
MB 460-840208/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840208/2-A	Lab Control Sample	Total/NA	Water	200	
460-256293-53 MS	H-200-KS-40A	Total/NA	Water	200	
460-256293-53 DU	H-200-KS-40A	Total/NA	Water	200	

Analysis Batch: 840247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256293-53	H-200-KS-40A	Total/NA	Water	200.8	840208
460-256293-55	H-200-DW-41A	Total/NA	Water	200.8	840208
460-256293-57	H-200-DW-45A	Total/NA	Water	200.8	840208
460-256293-61	CHA-3	Total/NA	Water	200.8	840208
460-256293-62	CHA-4	Total/NA	Water	200.8	840208
MB 460-840208/1-A	Method Blank	Total/NA	Water	200.8	840208
LCS 460-840208/2-A	Lab Control Sample	Total/NA	Water	200.8	840208
460-256293-53 MS	H-200-KS-40A	Total/NA	Water	200.8	840208
460-256293-53 DU	H-200-KS-40A	Total/NA	Water	200.8	840208

QC Association Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 840709

Lab Sample ID 460-256293-38	Client Sample ID H-200-KS-51B	Prep Type Total/NA	Matrix Water	Method 200	Prep Batch
MB 460-840709/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840709/2-A	Lab Control Sample	Total/NA	Water	200	
460-256293-38 MS	H-200-KS-51B	Total/NA	Water	200	
460-256293-38 DU	H-200-KS-51B	Total/NA	Water	200	

Analysis Batch: 840755

Lab Sample ID Client Sample ID		Prep Type	Matrix	Method	Prep Batch	
460-256293-38	H-200-KS-51B	Total/NA	Water	200.8	840709	
MB 460-840709/1-A	Method Blank	Total/NA	Water	200.8	840709	
LCS 460-840709/2-A	Lab Control Sample	Total/NA	Water	200.8	840709	
460-256293-38 MS	H-200-KS-51B	Total/NA	Water	200.8	840709	
460-256293-38 DU	H-200-KS-51B	Total/NA	Water	200.8	840709	

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Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-DW-01A

Date Collected: 04/13/22 07:55 Date Received: 04/14/22 17:30

Client: CHA Inc

Lab Sample ID: 460-256293-1

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840047	04/19/22 17:43	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 18:56	YZH	TAL EDI

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

Date Collected: 04/13/22 08:00 Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-3

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840047	04/19/22 17:43	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840030	04/19/22 19:03	YZH	TAL EDI

Client Sample ID: H-200-DW-04A

Date Collected: 04/13/22 08:05 Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-5

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840047	04/19/22 17:43	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:05	YZH	TAL EDI

Client Sample ID: H-200-DW-06A

Date Collected: 04/13/22 08:10 Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-7

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840047	04/19/22 17:43	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:07	YZH	TAL EDI

Date Received: 04/14/22 17:30

Total/NA	Analysis 200.8	1 840030 04/19/22 19:07 YZH TAL EDI
Client Sam	nple ID: H-200-IM-07A	Lab Sample ID: 460-256293-9
Date Collecte	ed: 04/13/22 08:15	Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840047	04/19/22 17:43	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:10	YZH	TAL EDI

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

Date Collected: 04/13/22 08:20

Date Received: 04/14/22 17:30

Lab Sample	ID:	460-256293-10
		Matrix: Water

Batch **Batch** Dilution Batch **Prepared Prep Type** Туре Method Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 200 840047 04/19/22 17:43 YZH TAL EDI Total/NA Analysis 200.8 840030 04/19/22 19:12 YZH TAL EDI

Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-DW-13A

Lab Sample ID: 460-256293-12 Date Collected: 04/13/22 08:35

Matrix: Water

Date Received: 04/14/22 17:30

Client: CHA Inc

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840047	04/19/22 17:46	YZH	TAL EDI
١	Total/NA	Analysis	200.8		1	840030	04/19/22 19:16	YZH	TAL EDI

Client Sample ID: H-200-DW-14A

Lab Sample ID: 460-256293-14

Date Collected: 04/13/22 08:45 Date Received: 04/14/22 17:30

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840047	04/19/22 17:46	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:18	YZH	TAL EDI

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

Lab Sample ID: 460-256293-16

Matrix: Water

Date Collected: 04/13/22 08:50 Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:45	YZH	TAL EDI

Client Sample ID: H-200-KS-16A

Lab Sample ID: 460-256293-18

Matrix: Water

Date Collected: 04/13/22 08:55 Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:48	YZH	TAL EDI

Client Sample ID: H-200-DW-17A

Lab Sample ID: 460-256293-20

Matrix: Water

Date Collected: 04/13/22 09:00 Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:50	YZH	TAL EDI

Client Sample ID: H-200-DW-19A

Lab Sample ID: 460-256293-22

Matrix: Water

Date Collected: 04/13/22 09:05 Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 19:38	YZH	TAL EDI

Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-KS-48A

Date Collected: 04/13/22 09:10 Date Received: 04/14/22 17:30

Client: CHA Inc

Lab Sample ID: 460-256293-24

Matrix: Water

l		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840030	04/19/22 19:57	YZH	TAL EDI

Client Sample ID: H-200-DW-21A

Date Collected: 04/13/22 09:15 Date Received: 04/14/22 17:30 Lab Sample ID: 460-256293-26

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840030	04/19/22 19:59	YZH	TAL EDI

Client Sample ID: H-200-DW-23A

Date Collected: 04/13/22 09:20

Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-28

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 20:02	YZH	TAL EDI

Client Sample ID: H-200-KS-27A

Date Collected: 04/13/22 09:45

Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-30 Matrix: Water

Batch **Batch** Dilution Batch Prepared **Prep Type** Method Run Factor Number or Analyzed Analyst Type Lab Total/NA 200 Prep 840067 04/19/22 18:54 YZH TAL EDI Total/NA Analysis 200.8 1 840030 04/19/22 20:04 YZH TAL EDI

Client Sample ID: H-200-KS-28A

Date Collected: 04/13/22 09:50

Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 20:06	YZH	TAL EDI

Client Sample ID: H-200-KS-29A

Date Collected: 04/13/22 09:55

Date Received: 04/14/22 17:30

Lab	Sample	ID:	460-256293-34

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 20:09	YZH	TAL EDI

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Lab Sample ID: 460-256293-32 Matrix: Water

Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-IM-52A

Date Collected: 04/13/22 10:00

Lab Sample ID: 460-256293-36

Matrix: Water

Date Received: 04/14/22 17:30

Client: CHA Inc

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 20:11	YZH	TAL EDI

Client Sample ID: H-200-KS-51A

Date Collected: 04/13/22 10:05 Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-37

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 20:13	YZH	TAL EDI

Client Sample ID: H-200-KS-51B

Date Collected: 04/13/22 10:05

Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-38

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840709	04/22/22 13:34	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840755	04/22/22 15:27	YZH	TAL EDI

Client Sample ID: H-200-KS-31A

Date Collected: 04/13/22 10:45

Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-39

Matrix: Water

Duan Tura	Batch	Batch	D	Dilution	Batch	Prepared	Amalust	l ab
Prep Type Total/NA	Type Prep	Method	Run	Factor _	Number 840067	or Analyzed 04/19/22 18:54	Analyst	TAL EDI
Total/NA	Analysis	200.8		1		04/19/22 20:16		TAL EDI

Client Sample ID: H-200-DW-33A

Date Collected: 04/13/22 10:50

Date Received: 04/14/22 17:30

Lab	Sample	ID:	460)-2	5	62	293-	41

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840030	04/19/22 20:22	YZH	TAL EDI

Client Sample ID: H-200-KS-34A

Date Collected: 04/13/22 10:55

Date Received: 04/14/22 17:30

Lab Sample	ID: 460-256293-43
------------	-------------------

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
ı	Total/NA	Analysis	200.8		1	840030	04/19/22 20:25	YZH	TAL EDI

Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-KS-35A

Date Collected: 04/13/22 11:00

Date Received: 04/14/22 17:30

Client: CHA Inc

Lab Sample ID: 460-256293-45

Matrix: Water

Batch Dilution Batch Ratch Prepared Method or Analyzed **Prep Type** Type Run **Factor** Number Analyst Lab Total/NA 200 840067 04/19/22 18:54 TAL EDI Prep 840030 04/19/22 20:27 Total/NA 200.8 TAL EDI Analysis YZH 1

Client Sample ID: H-200-IM-36A

Date Collected: 04/13/22 11:05 Date Received: 04/14/22 17:30

Lab Sample ID: 460-256293-47 **Matrix: Water**

Batch Batch Dilution Batch Prepared Method **Prep Type** Number or Analyzed Type Run **Factor** Analyst Lab TAL EDI Total/NA Prep 200 840067 04/19/22 18:54 YZH Total/NA 200.8 TAL EDI Analysis 840030 04/19/22 20:29 YZH 1

Client Sample ID: H-200-IM-37A Lab Sample ID: 460-256293-48

Date Collected: 04/13/22 11:10 Date Received: 04/14/22 17:30

Matrix: Water

Batch Batch Dilution Batch Prepared Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab YZH TAL EDI Total/NA Prep 200 840067 04/19/22 18:54 Total/NA Analysis 200.8 840030 04/19/22 20:32 YZH TAL EDI 1

Client Sample ID: H-200-KS-38A Lab Sample ID: 460-256293-49 Date Collected: 04/13/22 11:15 **Matrix: Water**

Date Received: 04/14/22 17:30

Batch **Batch** Dilution Batch **Prepared Prep Type** Method Run Factor Number or Analyzed Type Analyst Lab 200 Total/NA YZH TAL EDI Prep 840067 04/19/22 18:54 Total/NA Analysis 200.8 1 840030 04/19/22 20:34 YZH TAL EDI

Client Sample ID: H-200-KS-39A Lab Sample ID: 460-256293-51

Date Collected: 04/13/22 11:20 **Matrix: Water**

Date Received: 04/14/22 17:30

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840067	04/19/22 18:54	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	840030	04/19/22 20:36	YZH	TAL EDI

Client Sample ID: H-200-KS-40A Lab Sample ID: 460-256293-53

Date Collected: 04/13/22 11:25 Date Received: 04/14/22 17:30

Batch **Batch** Dilution Batch Prepared **Prep Type** Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 200 840208 04/20/22 11:19 YZH TAL EDI Total/NA Analysis 200.8 840247 04/20/22 12:01 YZH TAL EDI

Eurofins Edison

Matrix: Water

Lab Chronicle

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Client Sample ID: H-200-DW-41A

Lab Sample ID: 460-256293-55 Date Collected: 04/13/22 11:30

Matrix: Water

Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:08	YZH	TAL EDI

Client Sample ID: H-200-DW-45A

Lab Sample ID: 460-256293-57

Matrix: Water

Date Collected: 04/13/22 11:35 Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:10	YZH	TAL EDI

Client Sample ID: CHA-3

Lab Sample ID: 460-256293-61

Date Collected: 04/13/22 12:00 Date Received: 04/14/22 17:30

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:13	YZH	TAL EDI

Client Sample ID: CHA-4

Lab Sample ID: 460-256293-62

Matrix: Water

Date Collected: 04/13/22 12:05 Date Received: 04/14/22 17:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:19	YZH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256293-1

Project/Site: Bergen County School District - Technical

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256293-1	H-200-DW-01A	Water	04/13/22 07:55	04/14/22 17:30
460-256293-3 H	H-200-TL-03A	Water	04/13/22 08:00	04/14/22 17:30
460-256293-5 H	H-200-DW-04A	Water	04/13/22 08:05	04/14/22 17:30
460-256293-7 I	H-200-DW-06A	Water	04/13/22 08:10	04/14/22 17:30
460-256293-9 H	H-200-IM-07A	Water	04/13/22 08:15	04/14/22 17:30
460-256293-10 I	H-200-KS-08A	Water	04/13/22 08:20	04/14/22 17:30
460-256293-12 I	H-200-DW-13A	Water	04/13/22 08:35	04/14/22 17:30
460-256293-14 F	H-200-DW-14A	Water	04/13/22 08:45	04/14/22 17:30
460-256293-16 I	H-200-KS-15A	Water	04/13/22 08:50	04/14/22 17:30
160-256293-18 I	H-200-KS-16A	Water	04/13/22 08:55	04/14/22 17:30
460-256293-20 I	H-200-DW-17A	Water	04/13/22 09:00	04/14/22 17:30
460-256293-22 H	H-200-DW-19A	Water	04/13/22 09:05	04/14/22 17:30
60-256293-24 I	H-200-KS-48A	Water	04/13/22 09:10	04/14/22 17:30
160-256293-26 I	H-200-DW-21A	Water	04/13/22 09:15	04/14/22 17:30
60-256293-28 I	H-200-DW-23A	Water	04/13/22 09:20	04/14/22 17:30
60-256293-30 I	H-200-KS-27A	Water	04/13/22 09:45	04/14/22 17:30
60-256293-32 I	H-200-KS-28A	Water	04/13/22 09:50	04/14/22 17:30
60-256293-34 H	H-200-KS-29A	Water	04/13/22 09:55	04/14/22 17:30
60-256293-36 I	H-200-IM-52A	Water	04/13/22 10:00	04/14/22 17:30
60-256293-37 I	H-200-KS-51A	Water	04/13/22 10:05	04/14/22 17:30
60-256293-38 H	H-200-KS-51B	Water	04/13/22 10:05	04/14/22 17:30
60-256293-39 I	H-200-KS-31A	Water	04/13/22 10:45	04/14/22 17:30
60-256293-41 H	H-200-DW-33A	Water	04/13/22 10:50	04/14/22 17:30
160-256293-43	H-200-KS-34A	Water	04/13/22 10:55	04/14/22 17:30
160-256293-45	H-200-KS-35A	Water	04/13/22 11:00	04/14/22 17:30
60-256293-47 I	H-200-IM-36A	Water	04/13/22 11:05	04/14/22 17:30
160-256293-48 H	H-200-IM-37A	Water	04/13/22 11:10	04/14/22 17:30
60-256293-49	H-200-KS-38A	Water	04/13/22 11:15	04/14/22 17:30
160-256293-51	H-200-KS-39A	Water	04/13/22 11:20	04/14/22 17:30
60-256293-53 H	H-200-KS-40A	Water	04/13/22 11:25	04/14/22 17:30
160-256293-55 I	H-200-DW-41A	Water	04/13/22 11:30	04/14/22 17:30
460-256293-57 H	H-200-DW-45A	Water	04/13/22 11:35	04/14/22 17:30
460-256293-61	CHA-3	Water	04/13/22 12:00	04/14/22 17:30

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256295 Environment Testing TestAmerica 🔅 eurofins

Chain of Custody Record

...... NJ 08817

Phone (732) 549-3900 Fax (732) 549-3679		TestAmerica
Client Information	Sample Carrier Tracking No(s): Carrier Tracking No(s):	COC No:
Client Contact: Seth Fowler/Carrie Robinson	3.1800	Page: 2 & 6
Сотралу: СНА		Job #: 31521.1004
Address: 3 Winners Circle	Due Date Requested:	Preservation Codes:
City: Albany State, Zip:	TAT Requested (days): First Draw Samples (A) - 5 day TAT Flush Samples (B) analyzed only on request at	A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2
NY Phone: 12205	10 day TAT	
Email: sfowler@chacompanies.com crobinson@chacompanies.com	90	H - Ascorbic Acid I - Ice J - DI Water K - EDTA
Project Name: Bergen County Special Services District	inc.	L-EDA
Site:	– S	Other:
- Samon ble Identification - Client ID (Lab ID)	Sample (G=crah) or Trunce (A=crah) or Trunce (A=cra	Gracial Inettrustions (Notes
ige	Preservation Code:	
形-200-DW-13月	4.13.22 8:35 G W X	
展-200-DW-13B		エ
4-200-DW-14A	8:45	
H-200- DW-14B	8:45	T
4-200-KS-ISA	8:50	
4-200-65-158	8:50	A
1-200-KS-16A	8:55	
-200 - KS - 16B	8:55	H
- 200 - DW - 17A	9:00	
-200-0W-17B	9.00	
-200 - DM -19A	V 9:05 V V VW	
ible Hazard Identification	Sample Disposal (A fee may be Assessed it samples are retained longer than 1 month) — Return To Client	etained longer than 1 month) Archive For Months
rable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA	with "B" until direction from CHA
Kit Relinquished by:	me: Method of §	
	N. Co.	72 (S. 3) Company
.: (Ag peal peal /18/20	Date/Time:	27/35 Company CO
		-
es ∆ No		5

Company Co

Company

thod of Shipment

eceived by:

Sompany +A

ompany

7137

Time:

Date

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

Jnconfirmed

Empty Kit Relinquished by:

13

ooler Temperature(s) °C and Other Remark

eceived by:

Preservation Codes: 4 - Ascorbic Acid A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor 31521.1004 Total Number of containers Analysis Requested 91 3.005 (oh jojek) (ISM/SM miones Field Filtered Sample (Yes or No) TAT Requested (days): First Draw Samples (A) - 5 day TAT Flush Samples (B) analyzed only on request at BT=Tissue, A=Air Preservation Code: Matrix 3 400 G=grab) (C=comp, Sample Type D 10 day TAT 9:20 9:45 9:05 4:15 9:45 9:50 9:10 9:10 9:15 9:50 Sample 9:20

Time

Sample Date

4-13.22

Special Instructions/Note:

土

工

#

士

I

T - TSP Dodecahydrate U - Acetone

S-H2SO4

P - Na2O4S Q - Na2SO3 R - Na2S2SO3

N - None O - AsNaO2

2 - other (specify)

W - ph 4-5 V - MCAA

DI Water

Chain of Custody Record

Lab PM: April Callahan E-Mail:

203.823.1800

Due Date Requested:

C thur 10 URJ

J56293

Environment Testing

eurofins.

TestAmerica

5

Eurofins TestAmerica Edison

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

Seth Fowler/Carrie Robinson

Company:

CHA

3 Winners Circle

City:

State, Zip:

12205

hone:

Client Information

Sample Identification - Client ID (Lab ID) Page 30 of 35

Bergen County Special Services District

crobinson@chacompanies.com sfowler@chacompanies.com

H- 200- DN-19B

H-200-DM-21B H-200- KS - 48 A 35

H-200-KS-48B

H-200 - DW - 21 A

H-200-DW-23A H-200-DM-23B

-27B

H-200-KS

-28 A

H - 200 - KS

H-200-KS-28B Possible Hazard Identification

H-200-KS-27A

5/18/2022

letinguished by

Custody Seal No.

Custody Seals Intact:

Δ Yes Δ No

Sooler Temperature(s) °C and Other Remarks: 13

Custody Seals Intact: Custody Seal No.:

	F11011e (732) 549-3900 Fax (732) 549-3679		Carrier Tracking No(s)	COC No:	- 1
	Client Information	C. HURIDUKT	allahan		- 1
	Client Contact: Seth Fowler/Carrie Robinson	0	+	Page:	
	Company: CHA		Analysis Requested	Job#: 31521.1004	1
	Address: 3 Winners Circle	Due Date Requested:		Preservation Codes:	1
	City: Albany	TAT Requested (days): First Draw Samples (A) - 5 day TAT		A - HCL M - Hexane B - NaOH N - None	
	State, Zip: NY	Flush Samples (B) analyzed only on request at 10 day TAT	To the second		
	Phone: 12205	PO#:		F-MeOH R-Na2S2SO3 G-Amchlor S-H2SO4	
	Email: sfowler@chacompanies.com prohinson@chacompanies.com	# OM	(0	H - Ascorbic Acid I - Ice J - DI Water	at
	Project Name:			K - EDTA L - EDA	
	Bergen County Special Services District Site:	**************************************		Other:	
			ISW	to 19	- 1
		Sample Matrix Type (wewater, Type Sample (C=Comp, Careated)	MS/ Most	edmuM la	
-a	Sample Identification - Client ID (Lab ID)	BT=Tissue, A=Air)	ed	Special Instructions/Note:	ı
ye		Preservation Code:	\times		1
31	44-200-KS-29A	4.13.229:55 G W	×		
رم در	工	1 1 25:6			1
35	H-200-1M-52A	00:01			1
び	H-200-KS-51A	10:02			1
53	H	\$0:01		ナ	1
6.	H-200-KS-31A	to:45			l
0.	H-200-KS-31B	10:45		士	1
-	H-200 - DW-33A	10:50			1
7	H - 200- DW-33B	05:01		#	1
•	H-200-KS-34A	SS:01			1
J	H-200-KS-34B	A SS:01	→	4	1
	Possible Hazard Identification		Sample Disposal (A fee may gassessed if samples are retained longer than 1 month)	mples are retained longer than 1 month)	1
	Uncontirmed Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements: Hold all s	Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA	
	Empty Kit Relinquished by:	Date:	Time: All Method of Shipment	Shipment:	ı
	Relipplished by:	Date/Time: 77 15:25 Company + M	Received by:	Date/Time: 72 14 37 Company	
J/ 18	Relinquished by:	Jet 1235 Compar	Received by:	Date/Time 120 Company 60	1-
ı/∠U.	Relinquished by:	Date/Tin/fi: Company	Received by:	Date/finde: Company	ŀ
_					J

256293

Environment Testing

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Chain of Custody Record

777 New Durham Road

Edison, NJ 08817

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

TestAmerica

M - Hexane
N - None
O - AsNAO2
P - Na2O4S
O - Na2O5S
R - Na2S2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)

13

ooler Temperature(s) °C and Other Remarks:

Phone (732) 549-3900 Fax (732) 549-3679		estamerca
Client Information	C. HURINIZT	(s): COC No: 5 OF (s)
Client Contact: Seth Fowler/Carrie Robinson	Phone: 203 . 823 . 1800 E-Mail:	1
Company: CHA		Job #: 315211004
Address: 3 Winners Circle	Due Date Requested:	Preservation Codes:
City: Albany	TAT Requested (days): First Draw Samples (A) - 5 day TAT	A - HCL M - Hexane B - NaOH N - None C - 70 Acetate O - Aceta70
State, 4p: NY	riush Samples (b) analyzed only on request at 10 day TAT	
Phone: 12205	## DO	F - MeOH R - Na2S2SO3 G - Amchlor S H2SO4
Email: sfowler@chacompanies.com crobinson@chacompanies.com		H - Ascorbic Acid I - Ice J - DI Water K - FDTA
Project Name: Bergen County Special Services District	31521.2009	L - EDA Z - other (specify)
Site:	A Jag	об соо бо де-
	Sample Type Sample (C=comp,	19dmuM listo
Osampie identification - Cheft ID (Lab ID)	dХ	Special Instructions/Note:
1784-200-KS-35A	4.13.22 11:00 G & X	
WEH-200- KS-35B	1 11:00 1 1 1 1 1	# #
194 - 200 - 1M - 3WA	11:02	
1 H-200-1M-37A	01:10	
1 H-200-KS-38 A	1:15	
1 H-200-KS-38B	11:12 St-11	I
1 H-200- KS-391A	11:20	
4 - 200 - KS - 39B	11:20	エ
H-200-KS-40A	11:25 X	
H-200-KS-40B	11:25	I
H-200-DW-41A	← :30 ← ← ← ←)
Possible Hazard Identification Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Another For Mon	oles are retained longer than 1 month) Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA	ples ending with "B" until direction from CHA
Empty Kit Relinquished py:	Date:	pment:
Reinfuglished by:	3.22 15:25 Company AA Received by: (N. CA)	Date/Time: Company
2/18	(12/27 (7/33 Company Received W.	1/2 1730
felinquished by:		Date/Tifne: Company /
Custody Seals Infact: Custody Seal No.: A Yes A No	Cooler Temperature(s) °C and Other Remarks:	

Environment Testing

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Chain of Custody Record

בי בעוסטח

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

777 New Durham Road

Edison, NJ 08817

TestAmerica

256293

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Chain of Custody Record

. ביריתוופווכם Edison

777 New Durham Road

Edison, NJ 08817

R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate Special Instructions/Note: Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA Z - other (specify) Company CL M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 70 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Disposal By Lab Preservation Codes: H - Ascorbic Acid 9 1320 C - Zn Acetate D - Nitric Acid E - NaHSO4 Job #: 31521.1004 I - Ice J - DI Water K - EDTA L - EDA G - Amchlor F - MeOH COC No: # 士 Archive For I age: 13/2 Total Number of containers ethod of Shipment P Disposal By Lab **Analysis Requested** Received by: eceived by: 90 Lab PM: April Callahan E-Mail: (city to the) (Call of the or his) Field Filtered Sample (Yes or No) First Draw Samples (A) - 5 day TAT Flush Samples (B) analyzed only on request at 10 day TAT G=grab) | BT=Tissue, A=Air) (W=water, S=solid, O=waste/oil, Preservation Code: Matrix 3 Company 21.2004 203.873.1800 TIR DONE Type (C=comp, Sample \mathcal{I} 9:05 17:00 11:30 1:45 11:45 11:35 9:05 1125 12:05 1:35 Sample 1:25 Time Date: (AT Requested (days): Datg/Times. 22 Due Date Requested: 4.13.22 Sample Date 0 roject #: # OM Deliverable Requested: I, III, IV, Other (specify H-200-DW-42A Sample Identification - Client ID (Lab ID) 544 - 266 - DW - 41B H-200-DW-45B - 200 - DM - 42 B Phone (732) 549-3900 Fax (732) 549-3679 45H - 200 - DW - 45R Bergen County Special Services District Possible Hazard Identification crobinson@chacompanies.com Seth Fowler/Carrie Robinson sfowler@chacompanies.com Empty Kit Relinquished by Client Information 13 4 MSD - 3 3 Winners Circle MSD - 4 MS - 3 NS - 4 dushed by: Unconfirmed Relinquished by CHA CHA State, Zip: Albany 12205 CHA ¥

Sooler Temperature(s) °C and Other Remarks:

Custody Seal No.

Custody Seals Intact:

A Yes A No

13 14

Initials:

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

3

Date:

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

Expiration Date:

Volume of Preservative used (ml):__

Preservative Name/Conc.

Lot # of Preservative(s):

Other Other (pH<2) Total Phos Total Cyanide (pH>12) D (pH<2) **TOC** (pH<2) TKN Phenols Sulfide (pH>9) (pH<2) Cooler Temperatures (pH<2) EPH or QAM If pH adjustments are required record the information below: (bH 2-9) P Pest (pH<2) Hardness IR Gun # Metals (pH<2) (pH<2) Nitrate Nitrite Cooler #2:7 5 to 2 c (pH<2) Copie (8) Cooler#1: 9. 5 to | 7 St 000 Sample No(s). adjusted: (pH<2) Ammonia TALS Sample Number fumber of Coolers:

Page of

Receipt Temperature and pH Log

956293

Job Number:

Eurofins TestAmerica Edison

EDS-WI-038, Rev 4.1 10/22/2019

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256293-1

Login Number: 256293 List Source: Eurofins Edison

List Number: 1

Creator: Sgro, Angela M

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

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LABORATORY REPORTS

Teterboro Campus



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256450-1

Client Project/Site: Bergen County School District - Technical

For: CHA Inc **III Winners Circle** PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by:

5/18/2022 9:28:22 AM

April Callahan, Project Manager

(732)549-3900

April.Callahan@et.eurofinsus.com

.....LINKS **Review your project** results through EOL

Have a Question?



Visit us at: www.eurofinsus.com/Env 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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
QC Sample Results	13
QC Association Summary	14
Lab Chronicle	16
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receint Checklists	35

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Definitions/Glossary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

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
CFU	Colony Forming Unit
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)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

RL Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points RPD

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

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Page 3 of 35

Case Narrative

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256450-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County School District - Technical

Report Number: 460-256450-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/15/2022 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.1° C, 3.3° C and 3.7° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

Remaining holds were canceled on 5/17.

TOTAL METALS

Samples T-504-DW-01A (460-256450-1), T-504-DW-02A (460-256450-3), T-504-DW-03A (460-256450-5), T-504-DW-04A (460-256450-7), T-504-WC-27A (460-256450-9), T-504-WC-28A (460-256450-11), T-504-NS-05A (460-256450-15), T-504-TL-06A (460-256450-17), H-200-DW-42A (460-256450-20), T-504-KS-09A (460-256450-21), T-504-KS-10A (460-256450-23), T-504-KS-11A (460-256450-25), T-504-KS-12A (460-256450-27), T-504-KS-13A (460-256450-29), T-504-IM-14A (460-256450-31), T-504-KS-15A (460-256450-32), T-504-DW-16A (460-256450-34), T-504-DW-17A (460-256450-36), T-504-DW-18A (460-256450-38), T-504-DW-19A (460-256450-40), T-504-DW-20A (460-256450-42), T-504-KS-21A (460-256450-44), T-504-KS-22A (460-256450-46), T-504-IM-23A (460-256450-48), CHA-6 (460-256450-49), T-504-DW-24A (460-256450-50), T-504-DW-25A (460-256450-52), T-504-DW-26A (460-256450-54) and CHA-5 (460-256450-56) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 04/20/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

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Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Client Sample ID: T-50	04-DW-01A					Lab Sar	nple ID: 4	60-256450-1	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type	
Lead	0.11		2.00	0.11	ug/L	1	200.8	Total/NA	
Client Sample ID: T-504-DW-02A Lab Sample ID: 460-2564								60-256450-3	
No Detections.									
Client Sample ID: T-50	04-DW-03A					Lab Sar	nple ID: 4	60-256450-5	
No Detections.									
Client Sample ID: T-50	04-DW-04A					Lab Sar	nple ID: 4	60-256450-7	
No Detections.									
Client Sample ID: T-50	04-WC-27A					Lab Sar	nple ID: 4	60-256450-9	
No Detections.									
Client Sample ID: T-50	04-WC-28A					Lab Sam	ple ID: 46	0-256450-11	
No Detections.									
Client Sample ID: T-50	04-NS-05A					Lab Sam	ple ID: 46	0-256450-15	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type	
Lead	1.79		2.00	0.11	ug/L	1	200.8	Total/NA	
Client Sample ID: T-504-TL-06A						Lab Sample ID: 460-256450-1			
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D		Prep Type	
Lead	0.25		2.00	0.11	ug/L	1	200.8	Total/NA	
Client Sample ID: H-200-DW-42A Lab Sample ID: 460-256450-20									
No Detections.									
Client Sample ID: T-50	04-KS-09A					Lab Sam	ple ID: 46	0-256450-21	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type	
Lead	3.81		2.00	0.11	ug/L	1	200.8	Total/NA	
Client Sample ID: T-50	04-KS-10A					Lab Sam	ple ID: 46	0-256450-23	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D		Prep Type	
Lead	3.19		2.00	0.11	ug/L	1	200.8	Total/NA	
Client Sample ID: T-504-KS-11A Lab Sample ID: 460-256450-3						0-256450-25			
Analyte		Qualifier	RL		Unit	Dil Fac D		Prep Type	
Lead	3.01		2.00	0.11	ug/L	1	200.8	Total/NA	
Client Sample ID: T-50	04-KS-12A					Lab Sam	ple ID: 46	0-256450-27	
Analyte		Qualifier	RL _		Unit	Dil Fac		Prep Type	
Lead	3.04		2.00	0.11	ug/L	1	200.8	Total/NA	

This Detection Summary does not include radiochemical test results.

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5/18/2022

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Client Sample ID: T-504-KS-13A					Lab Sample ID: 460-256450-29		
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	8.36		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: T-504-IM-14A						Lab Sample ID: 460	-256450-31
No Detections.							
Client Sample ID: T-504-	KS-15A					Lab Sample ID: 460	-256450-32
Analyte	Result	Qualifier	RL	MDL		Dil Fac D Method	Prep Type
Lead	0.43		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: T-504-	DW-16A					Lab Sample ID: 460	-256450-34
No Detections.							
Client Sample ID: T-504-	DW-17A					Lab Sample ID: 460	-256450-36
No Detections.							
Client Sample ID: T-504-	DW-18A					Lab Sample ID: 460	-256450-38
No Detections.							
Client Sample ID: T-504-	DW-19A					Lab Sample ID: 460	-256450-40
No Detections.							
Client Sample ID: T-504-	DW-20A					Lab Sample ID: 460	-256450-42
Analyte		Qualifier	RL	MDL		Dil Fac D Method	Prep Type
Lead	0.64		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: T-504-	KS-21A					Lab Sample ID: 460	-256450-44
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type
Lead	1.67		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: T-504-	KS-22A					Lab Sample ID: 460	-256450-46
Analyte		Qualifier	RL	MDL		Dil Fac D Method	Prep Type
Lead	0.29		2.00	0.11	ug/L	1 200.8	Total/NA
Client Sample ID: T-504-	IM-23A					Lab Sample ID: 460	-256450-48
No Detections.							
Client Sample ID: CHA-6						Lab Sample ID: 460	-256450-49
No Detections.							
Client Sample ID: T-504-	DW-24A					Lab Sample ID: 460	-256450-50
No Detections.							
Client Sample ID: T-504-	DW-25A					Lab Sample ID: 460	-256450-52
No Detections.							

This Detection Summary does not include radiochemical test results.

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5/18/2022

Detection Summary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

No Detections.

Client Sample ID: CHA-5 Lab Sample ID: 460-256450-56

No Detections.

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Client Sample Results

Client: CHA Inc Job ID: 460-256450-1 Project/Site: Bergen County School District - Technical Lab Sample ID: 460-256450-1 Client Sample ID: T-504-DW-01A Date Collected: 04/14/22 10:00 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:22 Lead 0.11 Client Sample ID: T-504-DW-02A Lab Sample ID: 460-256450-3 Date Collected: 04/14/22 10:05 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2 00 0.11 ug/L 04/20/22 11:19 04/20/22 12:24 Client Sample ID: T-504-DW-03A Lab Sample ID: 460-256450-5 Date Collected: 04/14/22 10:10 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:26 Lab Sample ID: 460-256450-7 Client Sample ID: T-504-DW-04A Date Collected: 04/14/22 10:15 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:29 Client Sample ID: T-504-WC-27A Lab Sample ID: 460-256450-9 Date Collected: 04/14/22 10:20 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:33 Lab Sample ID: 460-256450-11 Client Sample ID: T-504-WC-28A Date Collected: 04/14/22 10:25 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/20/22 11:19 04/20/22 12:45 Lead <0.11 0.11 ug/L Lab Sample ID: 460-256450-15 Client Sample ID: T-504-NS-05A Date Collected: 04/14/22 10:35 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) **MDL** Unit Analyte Result Qualifier RI Prepared Analyzed Dil Fac Lead 1.79 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:47

Client Sample Results

Client: CHA Inc Job ID: 460-256450-1 Project/Site: Bergen County School District - Technical Client Sample ID: T-504-TL-06A Lab Sample ID: 460-256450-17 Date Collected: 04/14/22 10:40 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:50 Lead 0.25 Client Sample ID: H-200-DW-42A Lab Sample ID: 460-256450-20 Date Collected: 04/14/22 11:45 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead <0.11 2 00 04/20/22 11:19 04/20/22 12:52 Client Sample ID: T-504-KS-09A Lab Sample ID: 460-256450-21 Date Collected: 04/14/22 10:45 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 3.81 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:54 Client Sample ID: T-504-KS-10A Lab Sample ID: 460-256450-23 Date Collected: 04/14/22 10:50 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:57 Lead 3.19 Client Sample ID: T-504-KS-11A Lab Sample ID: 460-256450-25 Date Collected: 04/14/22 10:55 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 3.01 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 12:59 Lab Sample ID: 460-256450-27 Client Sample ID: T-504-KS-12A Date Collected: 04/14/22 11:00 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/20/22 11:19 04/20/22 13:01 3.04 0.11 ug/L Lead Client Sample ID: T-504-KS-13A Lab Sample ID: 460-256450-29 Date Collected: 04/14/22 11:05 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI **MDL** Unit Prepared Analyzed Dil Fac Lead 8.36 2.00 0.11 ug/L 04/20/22 11:19 04/20/22 13:04

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Page 9 of 35

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5/18/2022

Client Sample Results Client: CHA Inc Job ID: 460-256450-1 Project/Site: Bergen County School District - Technical Client Sample ID: T-504-IM-14A Lab Sample ID: 460-256450-31 Date Collected: 04/14/22 11:10 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac Lead 2.00 04/20/22 11:22 04/20/22 13:11 <0.11 0.11 ug/L Client Sample ID: T-504-KS-15A Lab Sample ID: 460-256450-32 Date Collected: 04/14/22 11:15 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead 0.43 2 00 04/20/22 13:16 04/20/22 14:05 Client Sample ID: T-504-DW-16A Lab Sample ID: 460-256450-34 Date Collected: 04/14/22 11:20 **Matrix: Water**

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 13:16 04/20/22 14:07 Client Sample ID: T-504-DW-17A Lab Sample ID: 460-256450-36 Date Collected: 04/14/22 11:25 **Matrix: Water**

Date Received: 04/15/22 10:10

Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 04/20/22 13:16
 04/20/22 14:10
 1

Client Sample ID: T-504-DW-18A

Date Collected: 04/14/22 11:30

Lab Sample ID: 460-256450-38

Matrix: Water

Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL unit
 D unit
 Prepared 04/20/22 13:16
 Analyzed 04/20/22 14:17
 D unit ug/L

Client Sample ID: T-504-DW-19A

Date Collected: 04/14/22 11:35

Lab Sample ID: 460-256450-40

Matrix: Water

Date Collected: 04/14/22 11:35 Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 04/20/22 13:16
 04/20/22 14:19
 1

Client Sample ID: T-504-DW-20A

Date Collected: 04/14/22 11:40

Lab Sample ID: 460-256450-42

Matrix: Water

Date Collected: 04/14/22 11:40 Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Qualifier
 RL Qualifier
 MDL Qualifier
 Unit Qualifier
 D Qualifier
 Prepared Qualifier
 Analyzed Qualifier
 D Qualifier

 Lead
 0.64
 2.00
 0.11 qg/L
 04/20/22 13:16 Qualifier
 04/20/22 14:21 Qualifier
 1

Client Sample Results

Client: CHA Inc
Project/Site: Bergen County School District - Technical

Client Sample ID: T-504-KS-21A

Date Collected: 04/14/22 11:45

Matrix: Water

Date Collected: 04/14/22 11:45 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 04/20/22 13:16 04/20/22 14:24 Lead 1.67 0.11 ug/L Client Sample ID: T-504-KS-22A Lab Sample ID: 460-256450-46 Date Collected: 04/14/22 11:50 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead 0.29 2 00 04/20/22 13:16 04/20/22 14:26 Client Sample ID: T-504-IM-23A Lab Sample ID: 460-256450-48 Date Collected: 04/14/22 11:55 **Matrix: Water** Date Received: 04/15/22 10:10 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/20/22 13:16 04/20/22 14:28

Client Sample ID: CHA-6

Date Collected: 04/14/22 13:05

Matrix: Water

Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
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 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 04/20/22 13:16
 04/20/22 14:30
 1

Client Sample ID: T-504-DW-24A

Date Collected: 04/14/22 12:05

Lab Sample ID: 460-256450-50

Matrix: Water

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS)
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Analyte
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 Diff act

 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 04/20/22 13:16
 04/20/22 14:33
 1

Client Sample ID: T-504-DW-25A

Date Collected: 04/14/22 12:10

Matrix: Water

Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
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 Analyzed
 Dil Fac

 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 04/20/22 13:16
 04/20/22 14:35
 1

Client Sample ID: T-504-DW-26A

Date Collected: 04/14/22 12:15

Lab Sample ID: 460-256450-54

Matrix: Water

Date Received: 04/15/22 10:10

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result Lead
 Qualifier Qualifier
 RL Qualifier Qualifier
 MDL QUALIFIER QUALIFIER

Client Sample Results

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Client Sample ID: CHA-5 Lab Sample ID: 460-256450-56

Date Collected: 04/14/22 12:00 Matrix: Water

Date Received: 04/15/22 10:10

Method: 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.11		2.00	0.11	ug/L		04/20/22 13:16	04/20/22 14:42	1

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Prep Type: Total/NA **Prep Batch: 840208**

Prep Batch: 840208

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 840234

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

%Rec

Client: CHA Inc

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-840208/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 840247

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte Prepared 2.00 04/20/22 11:19 04/20/22 11:54 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-840208/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 840247

Spike LCS LCS Added Result Qualifier Unit

D %Rec Limits Analyte 5.00 85 - 115 Lead 5.03 ug/L 101

Lab Sample ID: 460-256450-9 MS Client Sample ID: T-504-WC-27A

Matrix: Water

Analysis Batch: 840247

Prep Batch: 840208 Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Unit %Rec

Analyte Lead <0.11 5.00 4.55 91 70 - 130 ug/L

Lab Sample ID: 460-256450-9 DU Client Sample ID: T-504-WC-27A Prep Type: Total/NA

Matrix: Water

Analysis Batch: 840247 Prep Batch: 840208 DU DU **RPD** Sample Sample Analyte Result Qualifier Result Qualifier Unit **RPD** Limit Lead < 0.11 <0.11 ug/L

Lab Sample ID: MB 460-840234/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 840247

MR MR

RL **MDL** Unit Analyte Result Qualifier Prepared Analyzed Dil Fac Lead 2.00 0.11 ug/L 04/20/22 13:16 04/20/22 13:51 <0.11

Lab Sample ID: LCS 460-840234/2-A

Matrix: Water

Analysis Batch: 840247 Prep Batch: 840234 Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit D %Rec 5 00 Lead 5.24 ug/L 105 85 - 115

Lab Sample ID: 460-256450-54 MS Client Sample ID: T-504-DW-26A

Matrix: Water

Analysis Batch: 840247

Prep Batch: 840234 Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec <0.11 5.00 Lead 5.08 ug/L 102 70 - 130

Lab Sample ID: 460-256450-54 DU Client Sample ID: T-504-DW-26A

Matrix: Water

Prep Type: Total/NA **Analysis Batch: 840247** Prep Batch: 840234 DU DU **RPD** Sample Sample Result Qualifier Result Qualifier **RPD** Analyte Unit D Limit

Lead <0.11 < 0.11 ug/L NC 20

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5/18/2022

QC Association Summary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 840208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256450-1	T-504-DW-01A	Total/NA	Water	200	
460-256450-3	T-504-DW-02A	Total/NA	Water	200	
460-256450-5	T-504-DW-03A	Total/NA	Water	200	
460-256450-7	T-504-DW-04A	Total/NA	Water	200	
460-256450-9	T-504-WC-27A	Total/NA	Water	200	
460-256450-11	T-504-WC-28A	Total/NA	Water	200	
460-256450-15	T-504-NS-05A	Total/NA	Water	200	
460-256450-17	T-504-TL-06A	Total/NA	Water	200	
460-256450-20	H-200-DW-42A	Total/NA	Water	200	
460-256450-21	T-504-KS-09A	Total/NA	Water	200	
460-256450-23	T-504-KS-10A	Total/NA	Water	200	
460-256450-25	T-504-KS-11A	Total/NA	Water	200	
460-256450-27	T-504-KS-12A	Total/NA	Water	200	
460-256450-29	T-504-KS-13A	Total/NA	Water	200	
460-256450-31	T-504-IM-14A	Total/NA	Water	200	
MB 460-840208/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840208/2-A	Lab Control Sample	Total/NA	Water	200	
460-256450-9 MS	T-504-WC-27A	Total/NA	Water	200	
460-256450-9 DU	T-504-WC-27A	Total/NA	Water	200	

Prep Batch: 840234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256450-32	T-504-KS-15A	Total/NA	Water	200	
460-256450-34	T-504-DW-16A	Total/NA	Water	200	
460-256450-36	T-504-DW-17A	Total/NA	Water	200	
460-256450-38	T-504-DW-18A	Total/NA	Water	200	
460-256450-40	T-504-DW-19A	Total/NA	Water	200	
460-256450-42	T-504-DW-20A	Total/NA	Water	200	
460-256450-44	T-504-KS-21A	Total/NA	Water	200	
460-256450-46	T-504-KS-22A	Total/NA	Water	200	
460-256450-48	T-504-IM-23A	Total/NA	Water	200	
460-256450-49	CHA-6	Total/NA	Water	200	
460-256450-50	T-504-DW-24A	Total/NA	Water	200	
460-256450-52	T-504-DW-25A	Total/NA	Water	200	
460-256450-54	T-504-DW-26A	Total/NA	Water	200	
460-256450-56	CHA-5	Total/NA	Water	200	
MB 460-840234/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840234/2-A	Lab Control Sample	Total/NA	Water	200	
460-256450-54 MS	T-504-DW-26A	Total/NA	Water	200	
460-256450-54 DU	T-504-DW-26A	Total/NA	Water	200	

Analysis Batch: 840247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256450-1	T-504-DW-01A	Total/NA	Water	200.8	840208
460-256450-3	T-504-DW-02A	Total/NA	Water	200.8	840208
460-256450-5	T-504-DW-03A	Total/NA	Water	200.8	840208
460-256450-7	T-504-DW-04A	Total/NA	Water	200.8	840208
460-256450-9	T-504-WC-27A	Total/NA	Water	200.8	840208
460-256450-11	T-504-WC-28A	Total/NA	Water	200.8	840208
460-256450-15	T-504-NS-05A	Total/NA	Water	200.8	840208
460-256450-17	T-504-TL-06A	Total/NA	Water	200.8	840208

Page 14 of 35

QC Association Summary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Metals (Continued)

Analysis Batch: 840247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256450-20	H-200-DW-42A	Total/NA	Water	200.8	840208
460-256450-21	T-504-KS-09A	Total/NA	Water	200.8	840208
460-256450-23	T-504-KS-10A	Total/NA	Water	200.8	840208
460-256450-25	T-504-KS-11A	Total/NA	Water	200.8	840208
460-256450-27	T-504-KS-12A	Total/NA	Water	200.8	840208
460-256450-29	T-504-KS-13A	Total/NA	Water	200.8	840208
460-256450-31	T-504-IM-14A	Total/NA	Water	200.8	840208
460-256450-32	T-504-KS-15A	Total/NA	Water	200.8	840234
460-256450-34	T-504-DW-16A	Total/NA	Water	200.8	840234
460-256450-36	T-504-DW-17A	Total/NA	Water	200.8	840234
460-256450-38	T-504-DW-18A	Total/NA	Water	200.8	840234
460-256450-40	T-504-DW-19A	Total/NA	Water	200.8	840234
460-256450-42	T-504-DW-20A	Total/NA	Water	200.8	840234
460-256450-44	T-504-KS-21A	Total/NA	Water	200.8	840234
460-256450-46	T-504-KS-22A	Total/NA	Water	200.8	840234
460-256450-48	T-504-IM-23A	Total/NA	Water	200.8	840234
460-256450-49	CHA-6	Total/NA	Water	200.8	840234
460-256450-50	T-504-DW-24A	Total/NA	Water	200.8	840234
460-256450-52	T-504-DW-25A	Total/NA	Water	200.8	840234
460-256450-54	T-504-DW-26A	Total/NA	Water	200.8	840234
460-256450-56	CHA-5	Total/NA	Water	200.8	840234
MB 460-840208/1-A	Method Blank	Total/NA	Water	200.8	840208
MB 460-840234/1-A	Method Blank	Total/NA	Water	200.8	840234
LCS 460-840208/2-A	Lab Control Sample	Total/NA	Water	200.8	840208
LCS 460-840234/2-A	Lab Control Sample	Total/NA	Water	200.8	840234
460-256450-9 MS	T-504-WC-27A	Total/NA	Water	200.8	840208
460-256450-54 MS	T-504-DW-26A	Total/NA	Water	200.8	840234
460-256450-9 DU	T-504-WC-27A	Total/NA	Water	200.8	840208
460-256450-54 DU	T-504-DW-26A	Total/NA	Water	200.8	840234

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5/18/2022

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11

Project/Site: Bergen County School District - Technical

Client Sample ID: T-504-DW-01A

Date Collected: 04/14/22 10:00 Date Received: 04/15/22 10:10

Client: CHA Inc

Lab Sample ID: 460-256450-1

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:22	YZH	TAL EDI

Client Sample ID: T-504-DW-02A

Date Collected: 04/14/22 10:05 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-3

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:24	YZH	TAL EDI

Client Sample ID: T-504-DW-03A

Date Collected: 04/14/22 10:10

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-5

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:26	YZH	TAL EDI

Client Sample ID: T-504-DW-04A

Date Collected: 04/14/22 10:15

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-7

Matrix: Water

B T	Batch	Batch	D	Dilution	Batch	Prepared	A L 4	1 -1-
Prep Type	Type	Method	Run	Factor			Analyst	Lab
Total/NA	Prep	200				04/20/22 11:19		TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:29	YZH	TAL EDI

Client Sample ID: T-504-WC-27A	Lab Sample ID: 460-256450-9
Date Collected: 04/14/22 10:20	Matrix: Water
Date Received: 04/15/22 10:10	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:33	YZH	TAL EDI

Client Sample ID: T-504-WC-28A

Date Collected: 04/14/22 10:25

Date Received: 04/15/22 10:10

Lab Sample	ID: 460-256450-11
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Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:45	YZH	TAL EDI

Project/Site: Bergen County School District - Technical

Client Sample ID: T-504-NS-05A

Date Collected: 04/14/22 10:35

Date Received: 04/15/22 10:10

Client: CHA Inc

Lab Sample ID: 460-256450-15

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:47	YZH	TAL EDI

Client Sample ID: T-504-TL-06A

Date Collected: 04/14/22 10:40 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-17

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:50	YZH	TAL EDI

Client Sample ID: H-200-DW-42A

Date Collected: 04/14/22 11:45

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-20

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:52	YZH	TAL EDI

Client Sample ID: T-504-KS-09A

Date Collected: 04/14/22 10:45

Date Received: 04/15/22 10:10

Lab Sample ID:	460-256450-21
	Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared			
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI	
Total/NA	Analysis	200.8		1	840247	04/20/22 12:54	YZH	TAL EDI	

Client Sample ID: T-504-KS-10A	Lab Sample ID: 460-256450-23
Date Collected: 04/14/22 10:50	Matrix: Water
Date Received: 04/15/22 10:10	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 12:57	YZH	TAL EDI

Client Sample ID: T-504-KS-11A

Date Collected: 04/14/22 10:55

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-25 **Matrix: Water**

Batch **Batch** Dilution Batch **Prepared Prep Type** Туре Method Run **Factor** Number or Analyzed Analyst Lab Total/NA Prep 200 840208 04/20/22 11:19 YZH TAL EDI Total/NA Analysis 200.8 840247 04/20/22 12:59 YZH TAL EDI

Project/Site: Bergen County School District - Technical

Client Sample ID: T-504-KS-12A

Date Collected: 04/14/22 11:00

Lab Sample ID: 460-256450-27 **Matrix: Water**

Date Received: 04/15/22 10:10

Client: CHA Inc

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840208	04/20/22 11:19	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 13:01	YZH	TAL EDI

Client Sample ID: T-504-KS-13A

Date Collected: 04/14/22 11:05 Date Received: 04/15/22 10:10 Lab Sample ID: 460-256450-29

Matrix: Water

Batch Batch Dilution Batch Prepared Method **Prep Type** Type Number or Analyzed Run **Factor** Analyst Lab TAL EDI Total/NA Prep 200 840208 04/20/22 11:19 YZH Total/NA 200.8 TAL EDI Analysis 840247 04/20/22 13:04 YZH 1

Client Sample ID: T-504-IM-14A

Date Collected: 04/14/22 11:10 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-31

Matrix: Water

Batch Batch Dilution Batch Prepared Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab 840208 TAL EDI Total/NA Prep 200 04/20/22 11:22 YZH Total/NA Analysis 200.8 840247 04/20/22 13:11 YZH TAL EDI 1

Dilution

Factor

Batch

Number

Prepared

or Analyzed

Analyst

Client Sample ID: T-504-KS-15A

Batch

Type

Batch

Method

Date Collected: 04/14/22 11:15

Date Received: 04/15/22 10:10

Prep Type

Lab Sample ID: 460-256450-32 **Matrix: Water**

> Lab TAL EDI

TAL EDI

Total/NA 200 YZH Prep 840234 04/20/22 13:16 Total/NA Analysis 200.8 1 840247 04/20/22 14:05 YZH Client Sample ID: T-504-DW-16A

Run

Date Collected: 04/14/22 11:20

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-34

Batch Batch Dilution Batch **Prepared** Method Run Factor Number or Analyzed **Prep Type** Type Analyst I ab 04/20/22 13:16 Total/NA 200 YZH TAL EDI Prep 840234 Total/NA Analysis 200.8 840247 04/20/22 14:07 TAL EDI 1

Client Sample ID: T-504-DW-17A

Date Collected: 04/14/22 11:25

Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-36

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:10	YZH	TAL EDI

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5/18/2022

Matrix: Water

Project/Site: Bergen County School District - Technical

Client Sample ID: T-504-DW-18A

Date Collected: 04/14/22 11:30

Lab Sample ID: 460-256450-38

Matrix: Water

Date Received: 04/15/22 10:10

Client: CHA Inc

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:17	YZH	TAL EDI

Client Sample ID: T-504-DW-19A

Date Collected: 04/14/22 11:35 Date Received: 04/15/22 10:10

Lab Sample ID: 460-256450-40

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:19	YZH	TAL EDI

Client Sample ID: T-504-DW-20A

Lab Sample ID: 460-256450-42

Date Collected: 04/14/22 11:40 Date Received: 04/15/22 10:10

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:21	YZH	TAL EDI

Client Sample ID: T-504-KS-21A

Lab Sample ID: 460-256450-44

Matrix: Water

Date Collected: 04/14/22 11:45 Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:24	YZH	TAL EDI

Client Sample ID: T-504-KS-22A

Lab Sample ID: 460-256450-46 Date Collected: 04/14/22 11:50 **Matrix: Water**

Date Received: 04/15/22 10:10

Prep T		Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/N	,	Prep	200				04/20/22 13:16		TAL EDI
Total/N	IA	Analysis	200.8		1	840247	04/20/22 14:26	YZH	TAL EDI

Client Sample ID: T-504-IM-23A

Lab Sample ID: 460-256450-48

Date Collected: 04/14/22 11:55 **Matrix: Water**

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:28	YZH	TAL EDI

Lab Chronicle

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Client Sample ID: CHA-6

Lab Sample ID: 460-256450-49

Matrix: Water

Date Collected: 04/14/22 13:05 Date Received: 04/15/22 10:10

1		Batch	Batch		Dilution	Batch	Prepared		
1	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
۱	Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
	Total/NA	Analysis	200.8		1	840247	04/20/22 14:30	YZH	TAL EDI

Client Sample ID: T-504-DW-24A

Lab Sample ID: 460-256450-50

Matrix: Water

Date Collected: 04/14/22 12:05 Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:33	YZH	TAL EDI

Client Sample ID: T-504-DW-25A

Lab Sample ID: 460-256450-52

Matrix: Water

Date Collected: 04/14/22 12:10 Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:35	YZH	TAL EDI

Client Sample ID: T-504-DW-26A

Lab Sample ID: 460-256450-54

Matrix: Water

Date Collected: 04/14/22 12:15 Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 13:58	YZH	TAL EDI

Client Sample ID: CHA-5 Lab Sample ID: 460-256450-56 Date Collected: 04/14/22 12:00

Matrix: Water

Date Received: 04/15/22 10:10

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			840234	04/20/22 13:16	YZH	TAL EDI
Total/NA	Analysis	200.8		1	840247	04/20/22 14:42	YZH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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12

Method Summary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256450-1

Project/Site: Bergen County School District - Technical

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256450-1	T-504-DW-01A	Water	04/14/22 10:00	04/15/22 10:10
460-256450-3	T-504-DW-02A	Water	04/14/22 10:05	04/15/22 10:10
460-256450-5	T-504-DW-03A	Water	04/14/22 10:10	04/15/22 10:10
460-256450-7	T-504-DW-04A	Water	04/14/22 10:15	04/15/22 10:10
460-256450-9	T-504-WC-27A	Water	04/14/22 10:20	04/15/22 10:10
460-256450-11	T-504-WC-28A	Water	04/14/22 10:25	04/15/22 10:10
460-256450-15	T-504-NS-05A	Water	04/14/22 10:35	04/15/22 10:10
460-256450-17	T-504-TL-06A	Water	04/14/22 10:40	04/15/22 10:10
460-256450-20	H-200-DW-42A	Water	04/14/22 11:45	04/15/22 10:10
460-256450-21	T-504-KS-09A	Water	04/14/22 10:45	04/15/22 10:10
460-256450-23	T-504-KS-10A	Water	04/14/22 10:50	04/15/22 10:10
460-256450-25	T-504-KS-11A	Water	04/14/22 10:55	04/15/22 10:10
460-256450-27	T-504-KS-12A	Water	04/14/22 11:00	04/15/22 10:10
460-256450-29	T-504-KS-13A	Water	04/14/22 11:05	04/15/22 10:10
460-256450-31	T-504-IM-14A	Water	04/14/22 11:10	04/15/22 10:10
460-256450-32	T-504-KS-15A	Water	04/14/22 11:15	04/15/22 10:10
460-256450-34	T-504-DW-16A	Water	04/14/22 11:20	04/15/22 10:10
460-256450-36	T-504-DW-17A	Water	04/14/22 11:25	04/15/22 10:10
460-256450-38	T-504-DW-18A	Water	04/14/22 11:30	04/15/22 10:10
460-256450-40	T-504-DW-19A	Water	04/14/22 11:35	04/15/22 10:10
460-256450-42	T-504-DW-20A	Water	04/14/22 11:40	04/15/22 10:10
460-256450-44	T-504-KS-21A	Water	04/14/22 11:45	04/15/22 10:10
460-256450-46	T-504-KS-22A	Water	04/14/22 11:50	04/15/22 10:10
460-256450-48	T-504-IM-23A	Water	04/14/22 11:55	04/15/22 10:10
460-256450-49	CHA-6	Water	04/14/22 13:05	04/15/22 10:10
460-256450-50	T-504-DW-24A	Water	04/14/22 12:05	04/15/22 10:10
460-256450-52	T-504-DW-25A	Water	04/14/22 12:10	04/15/22 10:10
460-256450-54	T-504-DW-26A	Water	04/14/22 12:15	04/15/22 10:10
460-256450-56	CHA-5	Water	04/14/22 12:00	04/15/22 10:10

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777 New Durham Road Edison, NJ 08817 Phone: 732-549-3900 Fax: 732-549-3679	Chain of Custody Record	5000		America
Client Information	Sampler HURINURS	Lab PM: Carrier Tracking No(s) Callahan, April R	Vo(s): COC No: 460-154431-100050.13	-100050.13
Client Contact: Ms. Carrie Robinson	9	State of Origin:	Page:	1/10
Company: CHA Inc	PWSID:	Analysis Requested	:# qor	256450
Address: III Winners Circle PO BOX 5269	Due Date Requested:		111) 8) 8
City: Albany	TAT Requested (days): FIRST DEQUE (A		A - HCL B - NaOH C - Zn Acetate	
State, Zip. NY, 12205-0269	Compliance Project: A Yes A No	N TOWNS	D - Nitric Acid E - NaHSO4	P - Na204S Q - Na2SO3
Phone: 518-453-8703(Tel)	PO#: Purchase Order not required		F - MeOH G - Amchlor	
Email: crobinson@chacompanies.com	*OW	(0)		U - Acetone V - MCAA
Project Name: Bergen County School District - Special	Project # 3521, 2004	1 10 86	1enlat	W - pH 4-5 Z - other (specify)
Site:	SSOW#:			
	Sample (Wereter, Type Sample Sample (C=Comp.	Masm masm and a series of a se	1edmuN	
Sample Identification	G=grab) e	K EIO	Speci	Special Instructions/Note:
H-200-DW-43A	Water			
н-200-руу4зв	Water			
H-200-DW-44A	Water	# 460-256450 Chain of Custoury		
H-200-DW-44B	Water			
P-HAZ-KS-01A	Water			
PHAZ-KS-01B TRMD BIONK	Water			
T-504-DW-01A	4.14.22 10:00 G water	×		
T-504-DW-01B	1 10:00 Water		1	C
T-504-DW-02A	10:05 Water			3
T-504-DW-02B	10:00		7	ח
T-504-DW-03A	V 10:10	->		3
Possible Hazard Identification Non-Hazard Flammable Skin Intant Poison B	ison B X Inknown	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	nples are retained longer the	in 1 month)
ested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	AICIIVE FOL	Months
Empty Kit Relinquished by:	Date:	Time: Method of Shipment	hipment:	
Relinquished by:	4.22 16:20	MEN /FEDEX	9/15/12 10:10	Company RR
Relinquished by:	Date/Time: Company	Received by:		Company
Relinquished by:	Date/Time: Company	Received by:	Date/Time:	Company
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: + 140-2, 127, 3,	9-2121.2/	10.9-11/26-22
, 1			ا الله المالة	

q:

Environment Testing America N - None
O - Asklado
P - Asklado
O - Asklado
C - Na2S03
R - Na2S03
S - Na2S03
S - TSP Odecahydrale
U - Acetone
V - MCAA
V - MH 4-5
Z - other (specify) ER Special Instructions/Note: Months 23.3/0.9=1.1 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon COC No: 460-154431-100050.14 reservation Codes: 💸 eurofins Page: Page 14 of 22 ∞ G - Amchlor G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA 01:01 A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH 士 エ 工 エ # eneniatinos lo sedmuk latoT -3.1 Date/Time: /22 Date/Time: lethod of Shipment arrier Tracking No(s) State of Origin: **Analysis Requested** red ExSpecial Instructions/QC Requirements: Lab PM: Callahan, April R E-Mail: April.Callahan@et.eurofinsus.com teceived by: Received by: eceived by: Chain of Custody Record 200.8 - Pb SWIST UNITED IN C (o) 10 seV) elqms8 bereilla biela TAT Requested (days): FIRSH DROLL) SOUMPLS (M)
5 day TAT, FIUSH SOUMPLS (B) away 122d
only on Request © 10 day TAT
Compliance Project: A Yes A No BT=Tissue, A=Air ntion Code: Matrix
(W=water,
S=solid,
O=wasts/oll, Water Company 2004 102 .823 .18 CC Radiological Type (C=comp, G=grab) Sample J Sample C HVRING 9 Purchase Order not required 10:30 10:35 10:20 7 10:20 10:30 10:12 21:01 52:01 0:01 10:25 Sample Time 315 Date: Unknown Due Date Requested 4.14.22 Sample Date 1 Project #: 46037606 SSOW#: K Date/Time:)ate/Time Date Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) Custody Seal No. Phone: 732-549-3900 Fax: 732-549-3679 Bergen County School District - Special III Winners Circle PO BOX 5269 Possible Hazard Identification crobinson@chacompanies.com Empty Kit Relinquished by: Custody Seals Intact: △ Yes △ No 777 New Durham Road Client Information Sample Identification Ms. Carrie Robinson Edison, NJ 08817 518-453-8703(Tel) Non-Hazard NY, 12205-0269 1-504-DW-07B F-504-DW-03B 1-504-DW-04A I-504-DW-04B 1-504-WC-27A I-504-WC-27B F-504-WC-28A I-504-WC-28B L-504-DW-07A T-504-NS-05A T-504-NS-05B inquished by: elinquished by: Relinquished by: Company:

Content Hormation	777 New Durham Road Edison, NJ 08817 Phone: 732-549-3900 Fax: 732-549-3679	Chain of Custody Record	dy Record		& carolina	Environment Testing America
Post 200 Post 200	Client Information	C. HURIY		Carrier Tracking No(s):	COC No: 460-154431-1000	050.15
POBOX 5289 Due to the treverses Process Process	Client Contact: Ms. Carrie Robinson	203.87		State of Origin:	Page:	3/6
Policy Signs Dura Research Dura Research	Company: CHA Inc			quested	# dor	05450
Company Comp	Address: III Winners Circle PO BOX 5269	Due Date Requested:			Preservation Code	as:
Service Continued Contin	Gity. Albany	TAT Requested (days): FIRSH DR. DL. SAM! SAM!	Pul (A) (Pul (A)		A - HCL B - NaOH C - Zn Acetate	M - Hexane N - None O - AsNaO2
1	State, Zip: NY, 12205-0269	Compliance Project: A Yes A No				P - Na204S Q - Na2SO3
Note	Phone: 518-453-8703(Tel)	Po#: Purchase Order not required			3	R - Na2S2O3 S - H2SO4 T - TSD Dodocohude
Sample Date Sample Date Sample Matrix 1874 Matr	Email: crobinson@chacompanies.com	#OM	NAME AND ADDRESS OF		I - Ice J - DI Water	U - Acetone V - MCAA
Sample Sample Water Sample Corona Co	Project Name: Bergen County School District - Special	31521.	\$0,U 0		K - EDTA L - EDA	W - pH 4-5 Z - other (specify)
Sample Date Time Gargab) structure Gargab Gargab Structure Garg	Site:					
1.42 10.40 4 water 1 water		Sample Type Sample (C=comp.	benetilii bie M\2M mnoh			
1.14.22 10:40 Water	Sample Identification	ole Date Time G=grab)	N N			structions/Note:
10 10 10 10 10 10 10 10	T-504-TL-06A	22 10:40				
- DW - 42B	T-504-TL-06B	4.22 10:40 1	Water		-	
10:45 Water	H-200-DW-4	22 11.45	Water			-
10.45 Water	H-200-DW-42	22 11:45	Water		3	0
10:56 Water	T-504-KS-09A	19.22 10:45	Water		~	
10:50 Water 10:50 Wate	T-504-KS-09B	1	Water		4	-
10:55 Water	T-504-KS-10A		Water			
10:55 Water Wate	T-504-KS-10B		Water			7
Months	T-504-KS-11A		Water			2
Water	T-504-KS-11B	10	Water			16
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Special Instructions/OC Requirements: Special Instructions/OC Requirements: Months Months Special Instructions/OC Requirements: Months Months	T-504-KS-12A	>			7	
Special Instructions/QC Requirements: Special Instructions/QC Requirements: Itime: Interview of Shipment Itime: Interview of Shipment Itime:	le Skin Imitant	Unknown	Sample Disposal (A fee may be Actum To Client	assessed if samples are ret	tained longer than 1	month)
Inquished by:			Special Instructions/QC Requireme			
Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Date/Time: Company Received by: Date/Time: Company Received by: Date/Time: Company Received by: Date/Time: Company Received by: Date/Time: Company Date/Time: Company Date/Time: Company Date/Time: Company Date/Time: Date/Time: Company Date/Time: Company Date/Time: Date/Time: Company Date/Time: Date/Time: Company Date/Time: Date/Time: Company Date/Time: Date/Tim	Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Date/Time	The state of the s	22 16:20	Received by: GTAS/F	X	2 10:10	
Date/Time: Company Received by: Date/Time: Company Received by: Date/Time: Company A No.	Kelinquished by:			Date/Time:		Company
Custody Seal No.:				Date/Time:		Company
	Custody Seals Intact: Custody Seal No.: Δ Yes Δ No		Cooler Temperature(s) °C and Other R	temarks: TEM 9-3.	23,3,	11:

Phone: 732-549-3900 Fax: 732-549-3679				
Client Information	Sampler C. HURIDURT Callat	Lab PM: Callahan, April R	Carrier Tracking No(s):	COC No: 460-154431-100050.16
Client Contact: Ms. Carrie Robinson	1800	E-Mail: April Callahan@et.eurofinsus.com	State of Origin	Page:
Сотралу: СНА Inc	PWSID:	Analysis Requested	quested	Job # 256450
Address: III Winners Circle PO BOX 5269	Due Date Requested:	}^_		
City: Albany	TAT Requested (days): FIREAT DEALL SUMPLY (a)	7		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2
State, Zip: NY, 12205-0269	Compliance Project: A Yes A No			
Phone: 518-453-8703(Tel)				
Email: crobinson@chacompanies.com		The second second		I - Ice J - DI Water
Project Name: Bergen County School District - Special	B 31521.2004) (Kee		O'Charle Charles
Site:				Other:
	Sample Matrix Type (wester	beneille M/29, mro dq - 8		1 Mumber
Sample Identification	G=grab) 81=Tissue, A=At)			Special Instructions/Note:
T-504-KS-12B	4 14 77 (1:50) G Water)XC 22
T-504-KS-13A	20:11			
T-504-KS-13B	II:OS Water			75 7
T-504-IM-14A	11:10 Water			70
T-504-KS-15A	1):1S Water			33
T-504-KS-15B	11:15 Water			и 33
T-504-DW-16A	11:20 Water			
T-504-DW-16B	h:20 Water			u 35
T-504-DW-17A	J): 25 Water			
T-504-DW-17B	/ 11:25 Water			75 7
T-504-DW-18A	11:36 V water	→		38
Possible Hazard Identification Non-Hazard Hammable Skin Irritant	□ Poison B ★ Unknown □ Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Month	assessed if samples are re	stained longer than 1 month) Archive For
sted: I, II, III, IV, Ot		Special Instructions/QC Requirements:	ents:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	
Relinquished by:	14.22 16:20	Received by: OFTA	16	22 10; 10 Company ER
Relinquished by:	Date/Time: Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: Company	Received by:	Date/Time:	Company
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) % and Other Remarks:	Somarks:	

eurofins Environment Testing 18,52 N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2SO3
S - H2SO4
T - TSP Dodecahydrate ER FR Special Instructions/Note: U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Months ompany Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client A Disposal By Lab Mon Cooler Temperature(s) $^{\circ}$ C and Other Remarks: $\frac{1}{2}$ COC No: 460-154431-100050.17 40 カコ 39 0h reservation Codes 7 Page: Page_17 of 22 A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - Di Water
A - EDA J 10:10 I I I I 1 Date Time: 172 enemianos to redmuk latoT Date/Time: 5 Method of Shipment: Disposal By Lab state of Origin: **Analysis Requested** Special Instructions/QC Requirements Lab PM: Callahan, April R E-Mail: April.Callahan@et.eurofinsus.com eceived by O Received by: Chain of Custody Record \geq in is is is is in it Field Filtered Sample (Yes of No) TAT Requested (days): FIRS+ OR all Samples (6) Should Samples (7) Should Samples (7) Should Show That Compliance Project: A Yes A No BT=Tissue, A=Air Matrix (W=water. S=solid. O=wasts/oil, Preservation Code: Water Company 2004 .1800 PWSID Radiological Sample Type (C=comp, G=grab) IJ C. HURIBURE D PO#. Purchase Order not required 31521 13:05 25:05 11:30 11:35 11:40 11:40 1.SO 1:35 11:45 53: 1 1:55 1:45 Sample 203.82 Date: Poison B M Unknown Due Date Requested: 14.22 4.14.22 Sample Date Project #: 46037606-Date/Time: Jate/Time: Date/Time #MOSS Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) Custody Seal No Phone: 732-549-3900 Fax: 732-549-3679 Bergen County School District - Special Flammable SO-ACC DESTINATED III Winners Circle PO BOX 5269 Possible Hazard Identification crobinson@chacompanies.com Empty Kit Relinquished by: Custody Seals Intact: Δ Yes Δ No 777 New Durham Road Client Information Sample Identification Ms. Carrie Robinson Edison, NJ 08817 518-453-8703(Tel) Non-Hazard State, Zip: NY, 12205-0269 L-504-DW-18B L-504-DW-19A I-504-DW-19B L-504-DW-20A 1-504-DW-20B F-504-KS-21A I-504-KS-21B I-504-KS-22A I-504-KS-22B F-504-IM-23A nquished by: elinquished by: telinquished by: CHA Inc

tion on PO BOX 5289	Requesion of Party of The Project Conde	Lab PM: Callahan, April R E-Mail: April Callahan@et eurofinsus.com	Carrier Tracking No(s): State of Origin:	COC No: 460-154431-100050.18 Page:
rite Robinson cc ers Circle PO BOX 5269 05-0269	one: 203.923.180/ PWSID: To Bate Requested: The Genested (days): Firest Draws Aday TheT, Flush Sampus (Buyler Requested (days): Firest Draws Any an Requesting Pirest Draws Any an Requesting Pirest Draws Any an Requesting Pirest Draws Any and Requesting Any The Any No. The Control of the Any No. The Control of the Project Any No. The Control of the P			Page
ers Circle PO BOX 5269	PWSID: It Date Requested: I. Requested (days): FIRM DRAWLS CANY TRT, FINSN SAMPUS (PANY) IN MARCHA CANO IN			Page 18 grap (
ers Circle PO BOX 5269 005-0289	I Requested (days): FIRSH DYBLING ADJUST TRT, FINSH SAMPLING (BL) AND ADJUST SAMPLING (DAS) AND		Analysis Requested	256
05-0269	TRequested (days): FIRSH DRAWS (B. days) TRIPH, FINSK SAMPLIS (B. M.) My or Requests (D. days) TRIPH, FINSK DAYS (B. days) My or Requests (D. days) TRIPH, FINSK DAYS (B. days) My or Required (D. days)			18
	INJ ST. REQUEST OF 10 CLO	amples (A),		
)# urchase Order not required O#			E - Natric Acid P - Na2O4S
518-453-8703(Tel)		(
Email: W				I - Ice J - DI Water
Special	**************************************			K - EDTA L - EDA
				Other:
	Sample	Matrix (www.reser, compared 5		Mumber o
Sample Identification	Sample Date Time G=grab)	S-solid, O-wasts/oil, BT=Tissue, A-Air)		Mado J
	X	ntion Code: XX		
-504-DW-24A	4. A. 22 12:05 9	Water		00
T-504-DW-24B	1 12:05	Water		7
T-504-DW-25A	12:10	Water		52
r-504-DW-25B	12:10	Water		7
T-504-DW-26A	12:15	Water		
T-504-DW-26B	12:15	Water		25
P-275-KS 124 MS - S	02:01	Water		
B2754K5-TZB MS D - C	02:0/	Water		0
P-276-IM-TOT MS-6	12:15	Water		12 X
P-275-48-T3K MS-6	12:18	Water		The State of the S
P-273-KS-13B CI+PA - S	V 12:00 V	Water		28
Possible Hazard Identification Non-Hazard — Flammable — Skin Irritant — Poison B	B H Unknown		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Bososal By Lab Annive For Month	s are retained longer than 1 month)
Other (specify)			Special Instructions/QC Requirements:	
inquished by:	Date:	Time:	Method of Shipment:	int:
	Date/Time: 14, 72, 16, 7	Company Received by	Date/Time:	115/12 10:10 Company ER
)	Date/Time:	Company Received by	Date/Time	
Relinquished by: D2	Date/Time:	Company Received by:	Received by: Date/Time:	ime: Company

Job Number:

must be acidified at least 24 Hours prior to analysi	Date: 4/16/22
Samples for Metal analysis which are out of compliance must be acidified at least 24 Hours prior to analysis	Initials: A C

	256	95435	~		Eurof Receipt	Eurofins TestAmerica Edison Receipt Temperature and pH Log	America rature a	a Edisor nd pH L	ر 00					Page (7
Job Number: Number of Coolers:	8		_	IR Gun #		0									
					ပိ	Cooler Temperatures	mpera	tures							
	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	ORRECTED		· ·		RAW	CORRECTED		,		RAW	CORRECTED			
Cooler#1:	0.00	3 6		3 8	Cooler #4:	2 8	ع اد		3 0	Cooler #8:	ع د	ي اد			
Cooler #3: 3.5	13.5°3) c		3 8	Cooler #6:	Q Q	S		Ö	Cooler #9:	S	ا ا			
	Ammonia	COD	Nitrate Nitrite	, Metals	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	T0C	Total Cyanide	Total Phos	Other	5
TALS Sample Number	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(6 <hd)< td=""><td>(pH<2)</td><td>(pH<2)</td><td>(pH>12)</td><td>(pH<2)</td><td></td><td></td></hd)<>	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
71	_	<u> </u>		├──	_										
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98				73											
	If pH adjus	tments ar	e require	d record	the infor	adjustments are required record the information below:	elow:								
Sample No(s). adjusted:	s). adjusted:														
Preservative Name/Conc.:	lame/Conc.:					Volur	ne of Pres	Volume of Preservative used (ml):	ised (ml):						
Lot # of Preservative(s):	servative(s):							Expirat	Expiration Date:						
	The	appropria	te Project	Manager tal analys	and Depe	artment Ma	anager sh	ould be no	ntified abou	t the sam	ples which	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	adjusted.		
-DS-WI-038 Rev 4.1				7	2	;			J	/ 71/	25		į		
10/22/2019	_	Initials:		ノ し				Date		\sim	8				

1	09h95K		Œ	Eurofi Receipt	Eurofins TestAmerica Edison Receipt Temperature and pH Log	America ature al	a Edisor nd pH L	ر og					Page	Lage S
Job Number:	0				0									
Number of Coolers:	7	眾	IR Gun #		7									
				ဝိ	Cooler Temperatures	mpera	tures							
	\$ ~					CORRECTED				RAW	CORRECTED			
Cooler #1:	3000		Š	Cooler #4:	۵ ا	۵		O ,	Cooler #7:	υ U	ς			
Cooler #2:	#2:0.7 c 1. c		Š	Cooler #5:	υ υ	۵		O	Cooler #8:	S	ρ			
Cooler #3:	#3: 0. 2 c 0. / c		ပိ	Cooler #6:	ပ္	ပ		S	Cooler #9:	S	မွ			
	Ammonia COD	Nitrate Nitrite M	* Metals н	Hardness	Pest	EPH or QAM	Phenois	Sulfide	TKN	T0C	Total Cyanide	Total Phos	Other	Ö
TALS Sample Number	(pH<2) (pH<2)	(pH<2) ((pH<2)	(pH<2)	(6-5 Hd)	(pH<2)	(pH<2)	(6 <hd)< td=""><td>(pH<2)</td><td>(pH<2)</td><td>(pH>12)</td><td>(pH<2)</td><td></td><td></td></hd)<>	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
27		┢──	⊢	-										
38		ľ	(%)											
29		ľ	77											
30		7	(X)											
2		,7	67											
32			6											
33		7	77											
34		7	C											
35		>	73											
98		>	73											
37			77											
38			Υ \											
34		7	67											
	If pH adjustments are required record the information below:	required	record t	he infor	mation be	low:								
Sample No(Sample No(s). adjusted:													
Preservative Name/Conc.∶	Name/Conc.:				Volur	ne of Pres	Volume of Preservative used (ml):	ised (ml):						
Lot # of Pre	Lot # of Preservative(s):						Expirat	Expiration Date:						
	The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Matal analysis which are out of commission must be additional affacet 44 hours prior to analysis	Project I	Manager a	and Depa	artment Ma	anager sh	ould be no	tified about	ut the sam	ples which	propriate Project Manager and Department Manager should be notified about the samples which were pH ad Camples for Matal analysis which are out of commission must be activitied affected the bours orier to analysis	adjusted.		
EDC MI.038 Day 4.1	סמוויףיא	אבנים ואובנים		S WITHCIT &	7 E CEL CI CI	Omphano	HIUSt DE		Ilyleast 44	44 nours pric	of to arrany.	SIS:		
EDS-WI-038, Rev 4.1 10/22/2019	Initials:						Date:			5				

															adjusted. iis.		
															were pH to analys		
															oles which hours prio	22	
															t the samp least 24 p	4/16/22	
													sed (ml):	Expiration Date:	ified abou	7	
													ervative u	Expirati	uld be not must be a	Date:_	
											low:		Volume of Preservative used (ml):		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.		
											mation be		Volur		artment Ma re out of c		
											the infor				and Depe		
22	23	<2	23	ر ا	22	とろ	/ 2	22	<2	22	ed record				t Manager etal analys	AC	
											are requir				ate Projec		
											stments				e appropri Sam	Initials:	
											If pH adjustments are required record the information below:	adjusted:	e/Conc.:	vative(s):	đ.		
~ (+	, C									Sample No(s). a	Preservative Name/Conc.:	Lot # of Preservative(s):			
42	43	ήh	45	36	47	84	49	SC	5	52		Samp	Preserv	Lot #		3, Rev 4.1	
																EDS-WI-038, Rev 4.1 10/22/2019	

Other

Other

Total Phos

Total Cyanide

Phenols Sulfide

EPH or QAM

* Metals Hardness

Nitrate Nitrite

Ammonia (pH<2)

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S S

Cooler #6:

S

Cooler #5: Cooler #4:

0

Cooler #3: Cooler #2:

Cooler #1: 2,

S S

Cooler #7: Cooler #8: Cooler #9:

Cooler Temperatures

IR Gun #

Number of Coolers:

Job Number:

Eurofins TestAmerica Edison Receipt Temperature and pH Log

254928

(pH<2)

(pH>12)

(pH<2) **10**C

(pH<2) TKN

(pH>9)

(pH<2)

(pH<2)

(bH 2-9) Pest

(pH<2)

(pH<2)

(pH<2)

(pH<2) COD

TALS Sample Number

С У

	05495E			Eurol Receip	Eurofins TestAmerica Edison Receipt Temperature and pH Log	tAmeric rature a	a Edisor Ind pH L	ر og					Page)	ار
Job Number:					Q	~								
Number of Coolers:	7		IR Gun #											
	DAM			ပိ	F	mpera	tures							
Cooler #1:	3/c/3/2c		C	Cooler #4:	S S	COMMECTED		Ü	Cooler #7:	Raw C	CORRECTED			
Cooler #2:	09011		. 0	Cooler #5:	S	ري اد		Ö	Cooler #8:	ري د	ي اد			
Cooler #3:	3.5°3.7		ပ	Cooler #6:	ပ္	ပ		Ö	Cooler #9:	ပ္	S S			
	Ammonia COD	Nitrate Nitrite	Metals	Hardness	Pest	EPH or QAM	Phenols	Sulfide	TKN	100	Total Cyanide	Total Phos	Other	ş
TALS Sample Number	(pH<2) (pH<2) ((pH<2)	(pH<2)	(pH<2)	(6-5 Hd)	(pH<2)	(pH<2)	(6 <hd)< td=""><td>(pH<2)</td><td>(pH<2)</td><td>(pH>12)</td><td>(pH<2)</td><td></td><td></td></hd)<>	(pH<2)	(pH<2)	(pH>12)	(pH<2)		
53		_	23											
24		Ť	23											
55			22											
25		Ť	77											
													1	
	If pH adjustments are required record the information below:	require	d record	the infor	mation be	low:								
Sample No(s). adjusted:	. adjusted:													
Preservative Name/Conc.:	ame/Conc.:				Volur	ne of Pres	Volume of Preservative used (ml):	sed (ml):						
Lot # of Preservative(s):	ervative(s):						Expirat	Expiration Date:						
	The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. *Samples for Makel analysis which are out of compliance must be existing at least of the samples for Makel analysis.	Project	Manage	r and Depart	artment Ma	anager sh	ould be no	tified abou	it the samp	oles which	oropriate Project Manager and Department Manager should be notified about the samples which were pH ad	adjusted.		
EDC.WIL038 Dov.4.1						o di pilano	an ichina		17 10001		to arranys	á		
10/22/2019	Initials:						Date	١	7 116 1	88				

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256450-1

Login Number: 256450 List Source: Eurofins Edison

List Number: 1

Creator: Casallas, Angela C

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

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LABORATORY REPORTS

Vocational School



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-256247-1

Client Project/Site: Bergen County School District - Technical

For: CHA Inc III Winners Circle PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by: 5/18/2022 9:11:58 AM

April Callahan, Project Manager

(732)549-3900

April.Callahan@et.eurofinsus.com

.....LINKS **Review your project** results through EOL **Have a Question?** Visit us at: www.eurofinsus.com/Env

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.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
QC Sample Results	10
QC Association Summary	11
Lab Chronicle	13
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receint Checklists	26

11

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Definitions/Glossary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Glossary

LOD

LOQ

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
CFU	Colony Forming Unit
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)

MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Limit of Detection (DoD/DOE)

Limit of Quantitation (DoD/DOE)

MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Edison

Page 3 of 26

Case Narrative

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Job ID: 460-256247-1

Laboratory: Eurofins Edison

Narrative

Job Narrative 460-256247-1

Comments

No additional comments.

Receipt

The samples were received on 4/12/2022 4:21 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, no samples were received: P-275-KS-06A (460-256247-32) and P-275-KS-06B (460-256247-33).

The following sample was activated by the client on 4/15: P-275-NS-20B (460-256247-17).

Remaining holds were canceled by the client on 5/16: P-275-KS-12A (460-256247-1), P-275-KS-12B (460-256247-2), P-275-IM-16A (460-256247-3), P-275-KS-13A (460-256247-4), P-275-KS-13B (460-256247-5), P-275-KS-14A (460-256247-6), P-275-KS-14B (460-256247-7), P-275-KS-25A (460-256247-8), P-275-KS-25B (460-256247-9), P-275-KS-15A (460-256247-10), P-275-KS-15B (460-256247-11), P-275-KS-19A (460-256247-12), P-275-KS-19B (460-256247-13), P-275-DW-17A (460-256247-14), P-275-DW-17B (460-256247-15), P-275-NS-20A (460-256247-16), P-275-NS-20B (460-256247-17), P-275-DW-11A (460-256247-18), P-275-DW-11B (460-256247-19), P-275-DW-10A (460-256247-20), P-275-DW-10B (460-256247-21), P-275-KS-21A (460-256247-22), P-275-KS-21B (460-256247-23), P-275-KS-01A (460-256247-24), P-275-KS-01A (460-256247-24), P-275-KS-01A (460-256247-27), P-275-KS-01A (460-256247-28), P-275-KS-03B (460-256247-29), P-275-KS-05A (460-256247-30), P-275-KS-05B (460-256247-31), P-275-KS-06A (460-256247-32), P-275-KS-06B (460-256247-33), P-275-DW-08A (460-256247-37), P-275-DW-07B (460-256247-38), P-275-DW-08A (460-256247-37), P-275-DW-08B (460-256247-38) and CHA-1A (460-256247-39).

Metals

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

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Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-27	5-KS-12A					Lab Sample ID: 40	60-256247-1	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	0.12		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-IM-16A					Lab Sample ID: 40	60-256247-3	
No Detections.								
Client Sample ID: P-275-KS-13A Lab Sample ID: 460-256247-4								
No Detections.								
Client Sample ID: P-27	5-KS-14A					Lab Sample ID: 40	60-256247-6	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	0.34		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-KS-25A					Lab Sample ID: 40	60-256247-8	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	2.60		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-KS-15A					Lab Sample ID: 460	0-256247-10	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	0.52		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-KS-19A					Lab Sample ID: 460	0-256247-12	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	0.68		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-DW-17A					Lab Sample ID: 46	0-256247-14	
No Detections.								
Client Sample ID: P-27	5-NS-20A					Lab Sample ID: 46	0-256247-16	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	1770		20.0	1.13	ug/L	10 200.8	Total/NA	
Client Sample ID: P-27	5-NS-20B					Lab Sample ID: 46	0-256247-17	
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D Method	Prep Type	
Lead	0.23		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-DW-11A					Lab Sample ID: 46	0-256247-18	
Analyte	Result	Qualifier	RL		Unit	Dil Fac D Method	Prep Type	
Lead	0.16		2.00	0.11	ug/L	1 200.8	Total/NA	
Client Sample ID: P-27	5-DW-10A					Lab Sample ID: 46	0-256247-20	
No Detections.								
Client Sample ID: P-27	5-KS-21A					Lab Sample ID: 460	0-256247-22	
Analyte		Qualifier	RL	MDL		Dil Fac D Method	Prep Type	
Lead	0.60		2.00	0.11	ug/L	1 200.8	Total/NA	

This Detection Summary does not include radiochemical test results.

Eurofins Edison

5/18/2022

Detection Summary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P	P-275-KS-01A					Lab Sam	ple ID: 46	0-256247-24
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	0.66		2.00	0.11	ug/L	1	200.8	Total/NA
Client Sample ID: P	P-275-KS-02A					Lab Sam	ple ID: 46	0-256247-26
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	2.65		2.00	0.11	ug/L	1	200.8	Total/NA
Client Sample ID: P	P-275-KS-03A					Lab Sam	ple ID: 46	0-256247-28
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	0.93		2.00	0.11	ug/L		200.8	Total/NA
Client Sample ID: P-275-KS-05A				Lab Sample ID: 460-256247-30				
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	2.28		2.00	0.11	ug/L	1	200.8	Total/NA
Client Sample ID: P	P-275-IM-04A					Lab Sam	ple ID: 46	0-256247-34
No Detections.								
Client Sample ID: P	P-275-DW-07A					Lab Sam	ple ID: 46	0-256247-35
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Lead	12.3		2.00	0.11	ug/L	1	200.8	Total/NA
Client Sample ID: P-275-DW-08A					Lab Sam	ple ID: 46	0-256247-37	
No Detections.								
Client Sample ID: C	CHA-1A					Lab Sam	ple ID: 46	0-256247-39
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type

2.00

0.11 ug/L

200.8

This Detection Summary does not include radiochemical test results.

1.17

Lead

5/18/2022

Total/NA

Client Sample Results

Client: CHA Inc Job ID: 460-256247-1 Project/Site: Bergen County School District - Technical Lab Sample ID: 460-256247-1 Client Sample ID: P-275-KS-12A Date Collected: 04/12/22 11:30 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:34 Lead 0.12 Client Sample ID: P-275-IM-16A Lab Sample ID: 460-256247-3 Date Collected: 04/12/22 11:35 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac Lead <0.11 2 00 0.11 ug/L 04/18/22 14:07 04/18/22 15:36 Client Sample ID: P-275-KS-13A Lab Sample ID: 460-256247-4 Date Collected: 04/12/22 11:40 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 04/18/22 14:07 04/18/22 15:39 Lead <0.11 2.00 0.11 ug/L Lab Sample ID: 460-256247-6 Client Sample ID: P-275-KS-14A Date Collected: 04/12/22 11:45 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:41 Lead 0.34 Client Sample ID: P-275-KS-25A Lab Sample ID: 460-256247-8 Date Collected: 04/12/22 11:50 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 2.60 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:43 Lab Sample ID: 460-256247-10 Client Sample ID: P-275-KS-15A Date Collected: 04/12/22 12:00 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/18/22 14:07 04/18/22 15:46 0.52 0.11 ug/L Lead Lab Sample ID: 460-256247-12 Client Sample ID: P-275-KS-19A Date Collected: 04/12/22 12:05 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) **MDL** Unit Analyte Result Qualifier RI Prepared Analyzed Dil Fac 04/18/22 14:07 04/18/22 15:48 Lead 0.68 2.00 0.11 ug/L

Client Sample Results

Client: CHA Inc Job ID: 460-256247-1 Project/Site: Bergen County School District - Technical Client Sample ID: P-275-DW-17A Lab Sample ID: 460-256247-14 Date Collected: 04/12/22 12:10 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac Lead 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:50 <0.11 Client Sample ID: P-275-NS-20A Lab Sample ID: 460-256247-16 Date Collected: 04/12/22 12:15 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac Lead 20.0 1.13 ug/L 04/18/22 14:07 04/18/22 18:16 1770 Client Sample ID: P-275-NS-20B Lab Sample ID: 460-256247-17 Date Collected: 04/12/22 12:15 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.23 2.00 0.11 ug/L 04/21/22 16:42 04/21/22 18:37 Client Sample ID: P-275-DW-11A Lab Sample ID: 460-256247-18 Date Collected: 04/12/22 12:30 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 15:59 Lead 0.16 Client Sample ID: P-275-DW-10A Lab Sample ID: 460-256247-20 Date Collected: 04/12/22 12:35 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 04/18/22 14:07 04/18/22 16:02 Lab Sample ID: 460-256247-22 Client Sample ID: P-275-KS-21A Date Collected: 04/12/22 12:40 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 04/18/22 14:17 04/18/22 16:04 0.60 0.11 ug/L Lead Client Sample ID: P-275-KS-01A Lab Sample ID: 460-256247-24 Date Collected: 04/12/22 12:45 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) **MDL** Unit Analyte Result Qualifier RI Prepared Analyzed Dil Fac 04/18/22 14:17 04/18/22 16:09 Lead 0.66 2.00 0.11 ug/L

Client Sample Results

Client: CHA Inc Job ID: 460-256247-1 Project/Site: Bergen County School District - Technical Client Sample ID: P-275-KS-02A Lab Sample ID: 460-256247-26 Date Collected: 04/12/22 12:50 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac 2.00 0.11 ug/L 04/18/22 14:17 04/18/22 16:13 Lead 2.65 Client Sample ID: P-275-KS-03A Lab Sample ID: 460-256247-28 Date Collected: 04/12/22 13:00 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit **Prepared** Analyzed Dil Fac 0.11 ug/L Lead 0.93 2 00 04/18/22 14:17 04/18/22 16:16 Client Sample ID: P-275-KS-05A Lab Sample ID: 460-256247-30 Date Collected: 04/12/22 13:05 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 04/18/22 16:36 04/18/22 17:22 Lead 2.28 2.00 0.11 ug/L Client Sample ID: P-275-IM-04A Lab Sample ID: 460-256247-34 Date Collected: 04/12/22 13:15 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead <0.11 2.00 0.11 ug/L 04/18/22 16:36 04/18/22 17:28 Client Sample ID: P-275-DW-07A Lab Sample ID: 460-256247-35 Date Collected: 04/12/22 13:20 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 12.3 2.00 0.11 ug/L 04/18/22 16:36 04/18/22 17:31 Lab Sample ID: 460-256247-37 Client Sample ID: P-275-DW-08A Date Collected: 04/12/22 13:25 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 04/18/22 16:36 04/18/22 17:33 Lead <0.11 2.00 0.11 ug/L Lab Sample ID: 460-256247-39 Client Sample ID: CHA-1A Date Collected: 04/12/22 14:45 **Matrix: Water** Date Received: 04/12/22 16:21 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI MDL Unit Prepared Analyzed Dil Fac 04/18/22 16:36 04/18/22 17:38 Lead 1.17 2.00 0.11 ug/L

Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-839796/1-A

Matrix: Water

Client: CHA Inc

Analysis Batch: 839824

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte Prepared 2.00 04/18/22 14:07 04/18/22 15:07 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-839796/2-A

Matrix: Water

Analysis Batch: 839824

Spike

Added 5.00

Spike

Result Qualifier 4.63

LCS LCS

ug/L

Unit

Unit D %Rec

93

Limits 85 - 115

%Rec

Limits

70 - 130

%Rec

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 839796

Prep Type: Total/NA **Prep Batch: 839796**

Lab Sample ID: 460-256247-24 MS Client Sample ID: P-275-KS-01A

Matrix: Water

Analyte

Analyte

Lead

Lead

Matrix: Water

Analysis Batch: 839824

Lab Sample ID: 460-256247-24 DU

Sample Sample Result Qualifier 0.66

Added 5.00

5.08

MS MS

Result Qualifier

MDL Unit

0.11 ug/L

LCS LCS

4.55

Result Qualifier

ug/L

88

%Rec

Prepared

%Rec D

Prepared

04/21/22 16:42 04/21/22 18:11

Client Sample ID: Lab Control Sample

%Rec

91

04/18/22 16:36 04/18/22 17:03

Client Sample ID: P-275-KS-01A

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 839796

Prep Batch: 839796

DU DU Sample Sample **RPD** Analyte Result Qualifier Result Qualifier Unit Limit 0.68 0.66 ug/L

RL

RL

2.00

2.00

Spike

Added

5 00

Lead

Lab Sample ID: MB 460-839825/1-A

Matrix: Water

Analysis Batch: 839824

Analysis Batch: 839824

MR MR

MB MB

< 0.11

Result Qualifier

<0.11

Analyte Result Qualifier Lead

Lab Sample ID: LCS 460-839825/2-A

Matrix: Water Analysis Batch: 839824

Analyte

Lab Sample ID: MB 460-840507/1-A

Lead

Analyte

Lead

Lead

Matrix: Water Analysis Batch: 840509

Lab Sample ID: LCS 460-840507/2-A **Matrix: Water**

Analysis Batch: 840509

Analyte

Spike

Added 5.00

LCS LCS Result Qualifier

4.87

MDL Unit

0.11 ug/L

Unit ug/L

Unit

ug/L

%Rec 97

Limits 85 - 115

Client Sample ID: Method Blank

Prep Batch: 839825 Analyzed Dil Fac

Prep Type: Total/NA

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

Prep Batch: 839825

%Rec Limits

85 - 115 Client Sample ID: Method Blank

> Prep Type: Total/NA **Prep Batch: 840507**

Prep Type: Total/NA

Prep Batch: 840507

Analyzed

QC Association Summary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 839796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256247-1	P-275-KS-12A	Total/NA	Water	200	
460-256247-3	P-275-IM-16A	Total/NA	Water	200	
460-256247-4	P-275-KS-13A	Total/NA	Water	200	
460-256247-6	P-275-KS-14A	Total/NA	Water	200	
460-256247-8	P-275-KS-25A	Total/NA	Water	200	
460-256247-10	P-275-KS-15A	Total/NA	Water	200	
460-256247-12	P-275-KS-19A	Total/NA	Water	200	
460-256247-14	P-275-DW-17A	Total/NA	Water	200	
460-256247-16	P-275-NS-20A	Total/NA	Water	200	
460-256247-18	P-275-DW-11A	Total/NA	Water	200	
460-256247-20	P-275-DW-10A	Total/NA	Water	200	
460-256247-22	P-275-KS-21A	Total/NA	Water	200	
460-256247-24	P-275-KS-01A	Total/NA	Water	200	
460-256247-26	P-275-KS-02A	Total/NA	Water	200	
460-256247-28	P-275-KS-03A	Total/NA	Water	200	
MB 460-839796/1-A	Method Blank	Total/NA	Water	200	
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200	
460-256247-24 MS	P-275-KS-01A	Total/NA	Water	200	
460-256247-24 DU	P-275-KS-01A	Total/NA	Water	200	

Analysis Batch: 839824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256247-1	P-275-KS-12A	Total/NA	Water	200.8	839796
460-256247-3	P-275-IM-16A	Total/NA	Water	200.8	839796
460-256247-4	P-275-KS-13A	Total/NA	Water	200.8	839796
460-256247-6	P-275-KS-14A	Total/NA	Water	200.8	839796
460-256247-8	P-275-KS-25A	Total/NA	Water	200.8	839796
460-256247-10	P-275-KS-15A	Total/NA	Water	200.8	839796
460-256247-12	P-275-KS-19A	Total/NA	Water	200.8	839796
460-256247-14	P-275-DW-17A	Total/NA	Water	200.8	839796
460-256247-16	P-275-NS-20A	Total/NA	Water	200.8	839796
460-256247-18	P-275-DW-11A	Total/NA	Water	200.8	839796
460-256247-20	P-275-DW-10A	Total/NA	Water	200.8	839796
460-256247-22	P-275-KS-21A	Total/NA	Water	200.8	839796
460-256247-24	P-275-KS-01A	Total/NA	Water	200.8	839796
460-256247-26	P-275-KS-02A	Total/NA	Water	200.8	839796
460-256247-28	P-275-KS-03A	Total/NA	Water	200.8	839796
460-256247-30	P-275-KS-05A	Total/NA	Water	200.8	839825
460-256247-34	P-275-IM-04A	Total/NA	Water	200.8	839825
460-256247-35	P-275-DW-07A	Total/NA	Water	200.8	839825
460-256247-37	P-275-DW-08A	Total/NA	Water	200.8	839825
460-256247-39	CHA-1A	Total/NA	Water	200.8	839825
MB 460-839796/1-A	Method Blank	Total/NA	Water	200.8	839796
MB 460-839825/1-A	Method Blank	Total/NA	Water	200.8	839825
LCS 460-839796/2-A	Lab Control Sample	Total/NA	Water	200.8	839796
LCS 460-839825/2-A	Lab Control Sample	Total/NA	Water	200.8	839825
460-256247-24 MS	P-275-KS-01A	Total/NA	Water	200.8	839796
460-256247-24 DU	P-275-KS-01A	Total/NA	Water	200.8	839796

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QC Association Summary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Metals

Prep Batch: 839825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-256247-30	P-275-KS-05A	Total/NA	Water	200	
460-256247-34	P-275-IM-04A	Total/NA	Water	200	
460-256247-35	P-275-DW-07A	Total/NA	Water	200	
460-256247-37	P-275-DW-08A	Total/NA	Water	200	
460-256247-39	CHA-1A	Total/NA	Water	200	
MB 460-839825/1-A	Method Blank	Total/NA	Water	200	
LCS 460-839825/2-A	Lab Control Sample	Total/NA	Water	200	

Prep Batch: 840507

Lab Sample ID 460-256247-17	Client Sample ID P-275-NS-20B	Prep Type Total/NA	Matrix Water	Method 200	Prep Batch
MB 460-840507/1-A	Method Blank	Total/NA	Water	200	
LCS 460-840507/2-A	Lab Control Sample	Total/NA	Water	200	

Analysis Batch: 840509

Lab Sample ID 460-256247-17	Client Sample ID P-275-NS-20B	Prep Type Total/NA	Matrix Water	Method 200.8	Prep Batch 840507
MB 460-840507/1-A	Method Blank	Total/NA	Water	200.8	840507
LCS 460-840507/2-A	Lab Control Sample	Total/NA	Water	200.8	840507

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Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-275-KS-12A

Date Collected: 04/12/22 11:30 Date Received: 04/12/22 16:21

Client: CHA Inc

Lab Sample ID: 460-256247-1

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:34	YZH	TAL EDI

Client Sample ID: P-275-IM-16A

Date Collected: 04/12/22 11:35 Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-3

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:36	YZH	TAL EDI

Client Sample ID: P-275-KS-13A

Date Collected: 04/12/22 11:40 Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-4

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:39	YZH	TAL EDI

Client Sample ID: P-275-KS-14A

Date Collected: 04/12/22 11:45 Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-6

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:41	YZH	TAL EDI

Date Received: 04/12/22 16:21

Client Sample ID: P-275-KS-25A	Lab Sample ID: 460-256247-8
Date Collected: 04/12/22 11:50	Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200				04/18/22 14:07		TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:43	YZH	TAL EDI

Client Sample ID: P-275-KS-15A

Date Collected: 04/12/22 12:00

Date Received: 04/12/22 16:21

Lab	Sample	ID:	460-256247-10
			B# = 4 \A/=4

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:46	YZH	TAL EDI

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-275-KS-19A

Date Collected: 04/12/22 12:05 Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-12

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:48	YZH	TAL EDI

Client Sample ID: P-275-DW-17A

Date Collected: 04/12/22 12:10 Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-14

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:50	YZH	TAL EDI

Client Sample ID: P-275-NS-20A

Date Collected: 04/12/22 12:15

Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-16

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		10	839824	04/18/22 18:16	YZH	TAL EDI

Client Sample ID: P-275-NS-20B

Date Collected: 04/12/22 12:15

Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-17 **Matrix: Water**

ı		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			840507	04/21/22 16:42	YZH	TAL EDI
	Total/NA	Analysis	200.8		1	840509	04/21/22 18:37	YZH	TAL EDI

Client Sample ID: P-275-DW-11A

Date Collected: 04/12/22 12:30

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 15:59	YZH	TAL EDI

Client Sample ID: P-275-DW-10A

Date Collected: 04/12/22 12:35

Date Received: 04/12/22 16:21

Lab Sample ID: 460-256247-20

Lab Sample ID: 460-256247-18

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:07	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 16:02	YZH	TAL EDI

Eurofins Edison

Job ID: 460-256247-1

Client: CHA Inc

Project/Site: Bergen County School District - Technical

Client Sample ID: P-275-KS-21A

Date Collected: 04/12/22 12:40 Date Received: 04/12/22 16:21 Lab Sample ID: 460-256247-22

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:17	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 16:04	YZH	TAL EDI

Client Sample ID: P-275-KS-01A

Date Collected: 04/12/22 12:45 Date Received: 04/12/22 16:21 Lab Sample ID: 460-256247-24

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:17	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 16:09	YZH	TAL EDI

Client Sample ID: P-275-KS-02A

Date Collected: 04/12/22 12:50 Date Received: 04/12/22 16:21 Lab Sample ID: 460-256247-26

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:17	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 16:13	YZH	TAL EDI

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

Date Collected: 04/12/22 13:00 Date Received: 04/12/22 16:21 **Lab Sample ID: 460-256247-28**

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839796	04/18/22 14:17	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 16:16	YZH	TAL EDI

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

Date Collected: 04/12/22 13:05 Date Received: 04/12/22 16:21 Lab Sample ID: 460-256247-30

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839825	04/18/22 16:36	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 17:22	YZH	TAL EDI

Client Sample ID: P-275-IM-04A

Date Collected: 04/12/22 13:15 Date Received: 04/12/22 16:21 Lab Sample ID: 460-256247-34

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839825	04/18/22 16:36	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 17:28	YZH	TAL EDI

Eurofins Edison

Lab Chronicle

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Client Sample ID: P-275-DW-07A

Lab Sample ID: 460-256247-35 Date Collected: 04/12/22 13:20

Matrix: Water

Date Received: 04/12/22 16:21

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			839825	04/18/22 16:36	YZH	TAL EDI
Total/NA	Analysis	200.8		1	839824	04/18/22 17:31	YZH	TAL EDI

Client Sample ID: P-275-DW-08A

Lab Sample ID: 460-256247-37

Matrix: Water

Date Collected: 04/12/22 13:25 Date Received: 04/12/22 16:21

Batch Batch Dilution Batch Prepared Method **Prep Type** Type Number or Analyzed Run **Factor** Analyst Lab TAL EDI Total/NA Prep 200 839825 04/18/22 16:36 YZH Total/NA 200.8 839824 04/18/22 17:33 YZH TAL EDI Analysis 1

Client Sample ID: CHA-1A Lab Sample ID: 460-256247-39

Date Collected: 04/12/22 14:45

Matrix: Water

Date Received: 04/12/22 16:21

Batch Batch Dilution Batch **Prepared** Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab Total/NA Prep 200 839825 04/18/22 16:36 YZH TAL EDI Total/NA Analysis 200.8 839824 04/18/22 17:38 YZH TAL EDI 1

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

Client: CHA Inc Job ID: 460-256247-1

Project/Site: Bergen County School District - Technical

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-256247-1	P-275-KS-12A	Water	04/12/22 11:30	04/12/22 16:21
460-256247-3	P-275-IM-16A	Water	04/12/22 11:35	04/12/22 16:21
460-256247-4	P-275-KS-13A	Water	04/12/22 11:40	04/12/22 16:21
460-256247-6	P-275-KS-14A	Water	04/12/22 11:45	04/12/22 16:21
460-256247-8	P-275-KS-25A	Water	04/12/22 11:50	04/12/22 16:21
460-256247-10	P-275-KS-15A	Water	04/12/22 12:00	04/12/22 16:21
460-256247-12	P-275-KS-19A	Water	04/12/22 12:05	04/12/22 16:21
460-256247-14	P-275-DW-17A	Water	04/12/22 12:10	04/12/22 16:21
460-256247-16	P-275-NS-20A	Water	04/12/22 12:15	04/12/22 16:21
460-256247-17	P-275-NS-20B	Water	04/12/22 12:15	04/12/22 16:21
460-256247-18	P-275-DW-11A	Water	04/12/22 12:30	04/12/22 16:21
460-256247-20	P-275-DW-10A	Water	04/12/22 12:35	04/12/22 16:21
460-256247-22	P-275-KS-21A	Water	04/12/22 12:40	04/12/22 16:21
460-256247-24	P-275-KS-01A	Water	04/12/22 12:45	04/12/22 16:21
460-256247-26	P-275-KS-02A	Water	04/12/22 12:50	04/12/22 16:21
460-256247-28	P-275-KS-03A	Water	04/12/22 13:00	04/12/22 16:21
460-256247-30	P-275-KS-05A	Water	04/12/22 13:05	04/12/22 16:21
460-256247-34	P-275-IM-04A	Water	04/12/22 13:15	04/12/22 16:21
460-256247-35	P-275-DW-07A	Water	04/12/22 13:20	04/12/22 16:21
460-256247-37	P-275-DW-08A	Water	04/12/22 13:25	04/12/22 16:21
460-256247-39	CHA-1A	Water	04/12/22 14:45	04/12/22 16:21

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

Environment Testing TestAmerica

eurofins |

Chain of Custody Record

The part	Page: 2 Or 4 Job #: 2 Or 4 None C Zn Acetate O - Ashao2 D - Ninic Acid P - Na204S E - NaHSO4 D - Na204S E - NaHSO4 D - Na208O3 F - MeOH H - Na2004S F - MeOH H - Na2004S F - MeOH H - Na2004S F - Nacoule O - Na2004S F - MeOH H - Nacoule O - Na2004 H - Nacoule O - Nazoule O - Na
Field Filtered Sample (Yes or No) A9 - 8 . OOS A9 - 8 . OOS	Page: 2 31521.2004 Preservation Cod Preservation Cod A - HCL A - HCL B - Nat HCO4 C - Zn Acetate D - Nitric Acid F - MeOH G - Amchlor F - MeOH C - Amchlor F - Leb A - DI Water K - EDTA L - EDA Other:
Field Filtered Sample (Ves or No) A - 8 · 005 A - 8 · 005	Job #: 31521.2004 C Preservation Cod A - HCL B - NaOH C - Zn Acetate C - Zn Acetate C - Zn Acetate C - NaHSOA F - MeOH F - MeOH F - MeOH C - DI Water L - EDA Other:
Field Filtered Sample (Yes or No) Partorm MS/MSD (Yes or No)	Preservation Cod A - HCL B - NaOH C - Zn Acetate D - Ninto Acid D - Ninto Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:
Field Filtered Sample (Yes or No) Perform MS/MSD (Yes/O/No)	A - HCL B - NaOH C - Zn Actate D - Nitric Acid E - NaHSO4 F - MacHOH G - AmeOH G - AmeOH I - Ice J - Di Water K - EDTA L - EDA Other:
Field Filtered Sample (Ves or No) Partorm MS/MSD (Ves or No)	Special In
Matrix (Watrix S=count	F - MeOH G - Amchlor G - Amchlor I - Ice J - Di Water K - EDTA L - EDA Other:
Matrix (W-west, S-cold Cowstell) (W-west, S-cold Cowstell) (W-west, S-cold Cowstell) (W-west, W-west,	H - Ascorbic Acid H - Ascorbic Acid J - Di Water K - EDTA L - EDA Other:
Matrix (Waster) (Wast	T C Other:
Matrix (Wawatar, Sasolid, Owwatar, Carachald Comparition) BT-firster, Andri) Eliferication Code: Altion Code:	T C
Matrix (W-west, Second O-westen) Second O-westen) BT-Tresup, A-MT Held M-MT Held M-M	T T
ation Code:	T T
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Sample Disposal (A fee may be assessed if samples a	are retained longer than 1 month)
Special Instructions (CC Booting and all sometimes (CC Booting and	Archive For Months
Opecial instructions/CO requirements. Total all samples	sending with B difful direction from CHA
ime: Method of S	
Received by:	Mulle 22 Company c7
Несе	Ph. L. C. Company A 60 I
Cooler Temperature(s) °C and Other Remarks:	
Company HR Company	mple Disposal (A fee may be assessed if sar Heturn To Client A Disposal By Latectal Instructions/QC Requirements: Hold all strange by: Received by:

// New Durham Hoad Edison, VJ 08817	Chain of Custody Record	lecord	Environment Testing TestAmerica
Phone (732) 549-3900 Fax (732) 549-3679	Sample	M: Carrier Tracking No(s):	SOUCH COUNTY
Client Information	HURI DURS	Sallahan	
Client Contact: Seth Fowler/Carrie Robinson	Phone: 203, 813, 1800 E-Mail:	4:	Page: 3 GF 4
Company: CHA		Analysis Requested	1
Address: 3 Winners Circle	Due Date Requested:		Preservation Codes:
City: Albany	TAT Requested (days): First Draw Samples (A) - 5 day TAT		A - HCL M - Hexane B - NaOH N - None
State, Zip: NY	Flush Samples (B) analyzed only on request at 10 day TAT	7.1	
Phone: 12205	31521		
Email: sfowler@chacompanies.com crobinson@chacompanies.com	WO #:		
Project Name: Bergen County Special Services District	Project #:		L - EDA
Site:	SSOW#:	No (als)	of con
		B.O	тефитура
Sample Identification - Client ID (Lab ID)	Sample Date C=comp, o=wssie/oil, Time G=grab) BT=TISSUE, A=Air)	bləi4 Sheq	Special Instructions/Note:
	Preservation Code:		
P-275 - KS-21A	4).12.22 12:40 G	X	2
P-275-KS-21B	1 12:40		P H 23
P-275-KS-01A	12:45		77
P-275-KS-01B	12:46		H 25
P-275-KS-02A	05:21		2
P-275-KS-02B	12:50		H 27
P-275-KS-03A	13:60		32
P-275-KS-03B	13:00		82 H
P-275-KS-OSA	73:05		20
P-275-KS-05B	, 15:05		H \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
P-275-KS-06A	13:10	→	72
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	ained longer than 1 month)
Oriconinned Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA	g with "B" until direction from CHA
Empty Kit Relinquished by:	Date:	Time: Method of Shipment:	
Relinguished by:	.22 15:00	Received by: Date/Time:	on the company of
Relinquished by:	Date/Time: MIM 2 Company &	Received by:	12 62 Company 7560)
1	Company	neceived by:	Company
Custody Seals Intact: Custody Seal No.: A Yes A No	2,1-2-3	Cooler Temperature(s) °C and Other Remarks:	

Environment Testing

💸 eurofins

Chain of Custody Record

Eurofins TestAmerica Edison

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

Eurofins TestAmerica Edison 777 New Durham Road Edison, NJ 08817 Phone (732) 549-3900 Fax (732) 549-3679	Chain of Custod	y Record	eurofins :	Environment Testing TestAmerica
	vatanes	Lab PM: April Callahan	Carrier Tracking No(s):	COC No:
inson	3	E-Mail:		Page: 4 67 4
		Analysis	s Requested	31521 2004 756 W)
Address: 3 Winners Circle	Due Date Requested:	, Kelaka		Preservation Codes:
City: Albany State, Zip:	TAT Requested (days): First Draw Samples (A) - 5 day TAT Flush Samples (B) analyzed only on request at			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AshaO2 D - Nitrig Arid D - NacOns
NY Phone: 12006.	10 day TAT PO#: 2 / 52 /			
Final: Stowler@chacompanies.com crobinson@chacompanies.com	WO#:			H - Ascorbic Acid I - Ice J - DI Water K - EDTA
Project Name: Bergen County Special Services District	Project #:	9.55 X		24 20 2
Site:	SSOW#:			Other:
Samule Identification - Client ID (Lab ID)	Sample Date Time G=craph pr-ruse and sample Date Time G=craph pr-ruse and pr-r	r s a a s a s a s a s a s a s a s a s a		Otal Instructions/Note:
	Preserva	X		
P-275- KS-068	4.12.22 13:10 GI V	3		1 H 33
P-275-1M-04A	1 13:15			۲۲ ع
P-275- DM-07A	13:20			35,
P-275-DM-07B	13:20			72 1
-	13:25			37
P-275-DW-08B	13:25			+ %
MS-17	12:45			74
MSD-1A	V 12:45 V	> >		シンプ
MS-24-02-				
MS 2A				
CHM - 10	14.12.22 14:45 G)		79
Possible Hazard Identification Unconfirmed		Sample Disposal (A fee main To Client	by be assessed if samples are reta	Sample Disposal (A fee may reassessed if samples are retained forfer than 1 month) Return To Client Disposal By Lab — Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requ	uirements: Hold all samples ending	y with "B" until direction from CHA
Empty Kit Relinquished by:	Date:	me:	Method of Shipment:	
Reling Shed by:	AH2:12 15:00 Compatition	WHA Received by:	Date/Time:	1 May Company (67)
Relinquished by:	Date/Time: OM//WW. Company 2	Y . A Received W:	Datesting	22/21 Company 123/26

Date:

Initials:

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

Number of Coolers:				IR Gun #		4								
	RAW	CORRECTED			S	Cooler Temperatures	empera	tures			RAW	CORRECTED		
Cooler ##	212	13°c		O	Cooler #4:	ပွ	ပ္		Ö	Cooler #7:	S)	ပ္		
Cooler #2:	2 2	Q		S	Cooler #5:	Q	S		O	Cooler #8:	\$	υ U		
Cooler #3:	3:	S)		O	Cooler #6:	υ Q	ပ္		O	Cooler #9:	Ş	v		
	Ammonia	COD	Nitrate Nitrite	Metals	Hardness	Pest	EPH or QAM	Phenois	Sulfide	TKN	100	Total Cyanide	Total Phos	Other
TALS Sample Number	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(bH 2-9)	(pH<2)	(pH<2)	(6 <hd)< td=""><td>(pH<2)</td><td>(pH<2)</td><td>(pH>12)</td><td>(pH<2)</td><td></td></hd)<>	(pH<2)	(pH<2)	(pH>12)	(pH<2)	
-2				27										
ብ ፓ				20										
00				23										
6				33										
d Q				30										
-Z				20										
CZ.				22										
SI 91				25										
18				22										
P. C.				rs										
72				3										
Sh				23										
25				B										
	If pH adju	stments	are requi	red record	the infor	If pH adjustments are required record the information below:	elow:							
Sample No(s). adjusted:	. adjusted:													
Preservative Name/Conc.:	ame/Conc.					Volur	me of Pre	Volume of Preservative used (ml):	sed (ml):					

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Eurofins TestAmerica Edison

EDS-WI-038, Rev 4.1 10/22/2019

Page 2 of 2

Eurofins TestAmerica Edison Receipt Temperature and pH Log

ပ္ ပ္ Total Cyanide (pH>12) ပ ပ္စ (pH<2) T0C Cooler #7: Cooler #8: Cooler #9: (pH<2) TKN Phenols Sulfide (6<Hd) (pH<2) Cooler Temperatures 8 ပ္ EPH or QAM (pH<2) S (pH 5-9) ပ္စ ပ္စ Pest Metals Hardness Cooler #5: Cooler #4: Cooler #6: (pH<2) IR Gun # 7 (pH<2) 20 7 7 (pH<2) Nitrate Nitrite ပ္စ (pH<2) COD Ammonia (pH<2) Cooler #3: Cooler #1: Cooler #2: TALS Sample Number Number of Coolers: 36 B Job Number: 6 5 32 3 74

Other

Other

Total Phos

(pH<2)

If pH adjustments are required record the information below:	ation below:
Sample No(s). adjusted:	
Preservative Name/Conc.:	Volume of Preservative used (ml):
Lot # of Preservative(s):	Expiration Date:
The appropriate Project Manager and Depan	he appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
Samples for Mealanalysis which are	Samples for Metal/analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

11/11

Date:

EDS-WI-038, Rev 4.1 10/22/2019

Initials:

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-256247-1

Login Number: 256247 List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

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

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LABORATORY REPORTS

Ender Hall



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-257386-1

Client Project/Site: Bergen County Enderhall

For: CHA Inc III Winners Circle PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by: 5/27/2022 9:03:30 AM

April Callahan, Project Manager

(732)549-3900

April.Callahan@et.eurofinsus.com

----- LINKS -----**Review your project** results through EOL **Have a Question?** Visit us at: www.eurofinsus.com/Env

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.

2

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
QC Sample Results	10
QC Association Summary	12
Lab Chronicle	14
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receipt Checklists	26

6

R

9

10

12

13

Definitions/Glossary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Edison

Page 3 of 26

Case Narrative

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Job ID: 460-257386-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County Enderhall

Report Number: 460-257386-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 5/3/2022 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

The following sample was activated by the client on 5/12: P-400-TL-16B (460-257386-30).

Remaining holds were canceled on 5/26.

TOTAL METALS

Samples P-400-DW-01A (460-257386-1), P-400-NS-02A (460-257386-3), P-400-NS-03A (460-257386-5), P-400-KS-04A (460-257386-7), P-400-IM-05A (460-257386-9), P-400-KS-06A (460-257386-10), P-400-KS-07A (460-257386-12), P-400-KS-08A (460-257386-14), P-400-KS-09A (460-257386-16), P-400-KS-10A (460-257386-18), P-400-KS-11A (460-257386-20), P-400-IM-12A (460-257386-22), P-400-KS-13A (460-257386-23), P-400-DW-14A (460-257386-25), P-400-DW-15A (460-257386-27), P-400-TL-16A (460-257386-29) and P-400-TL-16B (460-257386-30) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared on 05/11/2022, 05/12/2022 and 05/22/2022 and analyzed on 05/11/2022, 05/12/2022 and 05/25/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

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Client: CHA Inc Job ID: 460-257386-1
Project/Site: Bergen County Enderhall

Client Sample ID: P-400-DW-01A Lab Sample ID: 460-257386-1

No Detections.

Client Sample ID: P-400-NS-02A Lab Sample ID: 460-257386-3

AnalyteResult LeadQualifierRL QualifierRL 2.00MDL Unit ug/LUnit Ug/LDil Fac 1 ug/LD Method 200.8Prep Type Type Total/NA

Client Sample ID: P-400-NS-03A Lab Sample ID: 460-257386-5

AnalyteResult
LeadQualifierRL
2.50MDL
2.00Unit
0.11Dil Fac
ug/LD
1Method
200.8Prep TypeTotal/NA

Client Sample ID: P-400-KS-04A Lab Sample ID: 460-257386-7

 Analyte
 Result
 Qualifier
 RL
 MDL unit
 Dil Fac ug/L
 D wethod
 Prep Type

 Lead
 1.05
 2.00
 0.11 ug/L
 1 ug/L
 1 200.8
 Total/NA

Client Sample ID: P-400-IM-05A Lab Sample ID: 460-257386-9

No Detections.

AnalyteResult
LeadQualifierRLMDL
2.00UnitDil Fac
ug/LDMethodPrep TypeLead0.242.000.11ug/L1200.8Total/NA

Client Sample ID: P-400-KS-07A Lab Sample ID: 460-257386-12

No Detections.

Client Sample ID: P-400-KS-08A Lab Sample ID: 460-257386-14

AnalyteResult
LeadQualifierRL
2.00MDL
0.11Unit
ug/LDil Fac
1D
200.8Method
200.8Prep Type
Total/NA

AnalyteResult DeadQualifierRL QualifierRL DeadMDL Unit Ug/LDil Fac DeadDeadMethod DeadPrep Type Type Total/NA

Client Sample ID: P-400-KS-10A Lab Sample ID: 460-257386-18

 Analyte
 Result Lead
 Qualifier Qualifier
 RL 2.00
 MDL unit ug/L
 Dil Fac 1 200.8
 Method 200.8
 Prep Type Total/NA

Client Sample ID: P-400-KS-11A Lab Sample ID: 460-257386-20

AnalyteResult
LeadQualifierRL
2.00MDL
0.11Unit
ug/LDil Fac
1D
200.8Method
200.8Prep Type

Client Sample ID: P-400-IM-12A Lab Sample ID: 460-257386-22

No Detections.

AnalyteResultQualifierRLMDLUnitDil FacDMethodPrep TypeLead0.332.000.11ug/L1200.8Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

5/27/2022

Detection Summary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Client Sample ID: P-400-DW-14A Lab Sample ID: 460-257386-25

No Detections.

Client Sample ID: P-400-DW-15A Lab Sample ID: 460-257386-27

MDL Unit Dil Fac D Method Result Qualifier RL **Prep Type** Lead 10.7 2.00 0.11 ug/L 200.8 Total/NA

Client Sample ID: P-400-TL-16A Lab Sample ID: 460-257386-29

Analyte Result Qualifier RL MDL Unit Dil Fac D Method **Prep Type** 0.11 ug/L Lead 76.4 2.00 200.8 Total/NA

Client Sample ID: P-400-TL-16B Lab Sample ID: 460-257386-30

Result Qualifier Analyte RLMDL Unit Dil Fac D Method **Prep Type** Lead 0.48 2.00 0.11 ug/L 200.8 Total/NA

Client Sample Results

Client: CHA Inc Job ID: 460-257386-1 Project/Site: Bergen County Enderhall Lab Sample ID: 460-257386-1 Client Sample ID: P-400-DW-01A Date Collected: 05/01/22 11:00 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D Prepared Analyzed Dil Fac Lead 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:18 <0.11 Client Sample ID: P-400-NS-02A Lab Sample ID: 460-257386-3 Date Collected: 05/01/22 11:05 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.37 2 00 0.11 ug/L 05/11/22 17:20 05/11/22 18:20 Client Sample ID: P-400-NS-03A Lab Sample ID: 460-257386-5 Date Collected: 05/01/22 11:10 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 2.50 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:22 Lab Sample ID: 460-257386-7 Client Sample ID: P-400-KS-04A Date Collected: 05/01/22 11:15 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:24 Lead 1.05 Client Sample ID: P-400-IM-05A Lab Sample ID: 460-257386-9 Date Collected: 05/01/22 11:20 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:27 Lab Sample ID: 460-257386-10 Client Sample ID: P-400-KS-06A Date Collected: 05/01/22 11:25 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 05/11/22 17:20 05/11/22 18:29 0.24 0.11 ug/L Lead Lab Sample ID: 460-257386-12 Client Sample ID: P-400-KS-07A Date Collected: 05/01/22 11:30 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI **MDL** Unit Prepared Analyzed Dil Fac <0.11 05/11/22 17:20 05/11/22 18:31 Lead 2.00 0.11 ug/L

Client Sample Results

Client: CHA Inc Job ID: 460-257386-1 Project/Site: Bergen County Enderhall Client Sample ID: P-400-KS-08A Lab Sample ID: 460-257386-14 Date Collected: 05/01/22 11:35 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Result Qualifier D **Prepared** Analyzed Dil Fac 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:33 Lead 0.54 Client Sample ID: P-400-KS-09A Lab Sample ID: 460-257386-16 Date Collected: 05/01/22 11:40 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 0.11 ug/L Lead 0.45 2 00 05/11/22 17:20 05/11/22 18:40 Client Sample ID: P-400-KS-10A Lab Sample ID: 460-257386-18 Date Collected: 05/01/22 11:45 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 0.14 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:42 Client Sample ID: P-400-KS-11A Lab Sample ID: 460-257386-20 Date Collected: 05/01/22 11:50 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:44 Lead 1.32 Client Sample ID: P-400-IM-12A Lab Sample ID: 460-257386-22 Date Collected: 05/01/22 11:55 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead < 0.11 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:46 Lab Sample ID: 460-257386-23 Client Sample ID: P-400-KS-13A Date Collected: 05/01/22 12:00 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 2.00 05/11/22 17:20 05/11/22 18:48 0.33 0.11 ug/L Lead Client Sample ID: P-400-DW-14A Lab Sample ID: 460-257386-25 Date Collected: 05/01/22 12:05 **Matrix: Water** Date Received: 05/03/22 10:20 Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RI MDL Unit Analyzed Dil Fac Prepared <0.11 05/11/22 17:20 05/11/22 18:51 Lead 2.00 0.11 ug/L

Client Sample Results

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Client Sample ID: P-400-DW-15A Lab Sample ID: 460-257386-27

Date Collected: 05/01/22 12:10 **Matrix: Water**

Date Received: 05/03/22 10:20

Method: 200.8 - Metals (ICP/MS) Analyte RL **MDL** Unit Prepared Analyzed Result Qualifier Dil Fac 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:53 Lead 10.7

Lab Sample ID: 460-257386-29 Client Sample ID: P-400-TL-16A

Date Collected: 05/01/22 12:15 Date Received: 05/03/22 10:20

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Lead 76.4 2.00 0.11 ug/L 05/12/22 10:45 05/12/22 11:31

Client Sample ID: P-400-TL-16B Lab Sample ID: 460-257386-30

Date Collected: 05/01/22 12:15 Date Received: 05/03/22 10:20

Method: 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit Prepared Dil Fac Analyzed Lead 0.48 2.00 0.11 ug/L 05/22/22 18:40 05/25/22 12:55

Matrix: Water

Matrix: Water

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-844021/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 843982

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte Prepared 2.00 05/11/22 17:20 05/11/22 17:51 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-844021/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analyte

Analyte

Lead

Lead

Analysis Batch: 843982

Spike Added 5.00 LCS LCS 4 88

Result Qualifier

Unit ug/L

D %Rec

Limits 85 - 115 98

Client Sample ID: P-400-DW-15A

%Rec

Limits

70 - 130

%Rec

Lab Sample ID: 460-257386-27 MS **Prep Type: Total/NA**

Matrix: Water

Analysis Batch: 843982

Lab Sample ID: MB 460-844160/1-A

Sample Sample Result Qualifier

10.7

Spike Added 5.00

RL

2 00

Spike

Added

5.00

Spike

Added

5 00

MS MS Result Qualifier 15.8

MDL Unit

0.11 ua/L

Unit

ug/L

Unit

ug/L

Unit

ug/L

LCS LCS

MS MS

DU DU

73 1

Result Qualifier

80.2

Result Qualifier

5.08

Result Qualifier

Unit ug/L

%Rec

Prep Type: Total/NA

Prep Batch: 844021

Prep Type: Total/NA **Prep Batch: 844021**

Prep Batch: 844021

Matrix: Water Analysis Batch: 844211

MB MB

Sample Sample

Sample Sample

76.4

Result Qualifier

76.4

Result Qualifier

Analyte Result Qualifier Lead <0.11

Lab Sample ID: LCS 460-844160/2-A

Matrix: Water

Analysis Batch: 844211

Analyte Lead

Lab Sample ID: 460-257386-29 MS **Matrix: Water**

Analysis Batch: 844211

Analyte

Analyte

Lead

Lead

Lab Sample ID: 460-257386-29 DU **Matrix: Water**

Analysis Batch: 844211

Lab Sample ID: MB 460-846028/1-A

Matrix: Water Analysis Batch: 846610

MB MB Analyte

Result Qualifier Lead < 0.11

Client Sample ID: Method Blank

Prep Batch: 844160

Prepared Analyzed Dil Fac 05/12/22 10:45 05/12/22 11:24

Client Sample ID: Lab Control Sample

102

%Rec

76

Prep Type: Total/NA

Prep Batch: 844160

%Rec Limits %Rec

Client Sample ID: P-400-TL-16A

85 - 115

Prep Type: Total/NA **Prep Batch: 844160**

%Rec Limits

Client Sample ID: P-400-TL-16A

70 - 130

Prep Type: Total/NA **Prep Batch: 844160**

RPD

RPD Limit

Client Sample ID: Method Blank

Prep Type: Total/NA **Prep Batch: 846028**

MDL Unit 0.11 ug/L

Prepared 05/22/22 18:40 05/25/22 12:41

Analyzed Dil Fac

RL

2.00

Eurofins Edison

QC Sample Results

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: LCS 460-846028/2-A **Client Sample ID: Lab Control Sample**

Matrix: Water

Prep Type: Total/NA **Analysis Batch: 846610 Prep Batch: 846028** LCS LCS Spike %Rec

Result Qualifier Analyte Added Unit D %Rec Limits 85 - 115 Lead 5.00 5.24 ug/L 105

Lab Sample ID: 460-257386-30 MS Client Sample ID: P-400-TL-16B **Prep Type: Total/NA**

Matrix: Water

Analysis Batch: 846610

Prep Batch: 846028 Sample Sample Spike MS MS %Rec Analyte **Result Qualifier** Added Result Qualifier Unit D %Rec Limits 0.48 5.00 105 70 - 130 Lead 5.76 ug/L

Lab Sample ID: 460-257386-30 DU Client Sample ID: P-400-TL-16B

Matrix: Water

Analysis Batch: 846610

Prep Batch: 846028 Sample Sample DU DU RPD

Analyte Result Qualifier Result Qualifier RPD Limit Unit

Lead 0.48 0.50 ug/L 2 20

Prep Type: Total/NA

5/27/2022

QC Association Summary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Metals

Analysis Batch: 843982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257386-1	P-400-DW-01A	Total/NA	Water	200.8	844021
460-257386-3	P-400-NS-02A	Total/NA	Water	200.8	844021
460-257386-5	P-400-NS-03A	Total/NA	Water	200.8	844021
460-257386-7	P-400-KS-04A	Total/NA	Water	200.8	844021
460-257386-9	P-400-IM-05A	Total/NA	Water	200.8	844021
460-257386-10	P-400-KS-06A	Total/NA	Water	200.8	844021
460-257386-12	P-400-KS-07A	Total/NA	Water	200.8	844021
460-257386-14	P-400-KS-08A	Total/NA	Water	200.8	844021
460-257386-16	P-400-KS-09A	Total/NA	Water	200.8	844021
460-257386-18	P-400-KS-10A	Total/NA	Water	200.8	844021
460-257386-20	P-400-KS-11A	Total/NA	Water	200.8	844021
460-257386-22	P-400-IM-12A	Total/NA	Water	200.8	844021
460-257386-23	P-400-KS-13A	Total/NA	Water	200.8	844021
460-257386-25	P-400-DW-14A	Total/NA	Water	200.8	844021
460-257386-27	P-400-DW-15A	Total/NA	Water	200.8	844021
MB 460-844021/1-A	Method Blank	Total/NA	Water	200.8	844021
LCS 460-844021/2-A	Lab Control Sample	Total/NA	Water	200.8	844021
460-257386-27 MS	P-400-DW-15A	Total/NA	Water	200.8	844021

Prep Batch: 844021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257386-1	P-400-DW-01A	Total/NA	Water	200	<u> </u>
460-257386-3	P-400-NS-02A	Total/NA	Water	200	
460-257386-5	P-400-NS-03A	Total/NA	Water	200	
460-257386-7	P-400-KS-04A	Total/NA	Water	200	
460-257386-9	P-400-IM-05A	Total/NA	Water	200	
460-257386-10	P-400-KS-06A	Total/NA	Water	200	
460-257386-12	P-400-KS-07A	Total/NA	Water	200	
460-257386-14	P-400-KS-08A	Total/NA	Water	200	
460-257386-16	P-400-KS-09A	Total/NA	Water	200	
460-257386-18	P-400-KS-10A	Total/NA	Water	200	
460-257386-20	P-400-KS-11A	Total/NA	Water	200	
460-257386-22	P-400-IM-12A	Total/NA	Water	200	
460-257386-23	P-400-KS-13A	Total/NA	Water	200	
460-257386-25	P-400-DW-14A	Total/NA	Water	200	
460-257386-27	P-400-DW-15A	Total/NA	Water	200	
MB 460-844021/1-A	Method Blank	Total/NA	Water	200	
LCS 460-844021/2-A	Lab Control Sample	Total/NA	Water	200	
460-257386-27 MS	P-400-DW-15A	Total/NA	Water	200	

Prep Batch: 844160

Lab Sample ID 460-257386-29	Client Sample ID P-400-TL-16A	Prep Type Total/NA	Matrix Water	Method 200	Prep Batch
MB 460-844160/1-A	Method Blank	Total/NA	Water	200	
LCS 460-844160/2-A	Lab Control Sample	Total/NA	Water	200	
460-257386-29 MS	P-400-TL-16A	Total/NA	Water	200	
460-257386-29 DU	P-400-TL-16A	Total/NA	Water	200	

Analysis Batch: 844211

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257386-29	P-400-TL-16A	Total/NA	Water	200.8	844160

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Page 12 of 26

QC Association Summary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Metals (Continued)

Analysis Batch: 844211 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-844160/1-A	Method Blank	Total/NA	Water	200.8	844160
LCS 460-844160/2-A	Lab Control Sample	Total/NA	Water	200.8	844160
460-257386-29 MS	P-400-TL-16A	Total/NA	Water	200.8	844160
460-257386-29 DU	P-400-TL-16A	Total/NA	Water	200.8	844160

Prep Batch: 846028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257386-30	P-400-TL-16B	Total/NA	Water	200	
MB 460-846028/1-A	Method Blank	Total/NA	Water	200	
LCS 460-846028/2-A	Lab Control Sample	Total/NA	Water	200	
460-257386-30 MS	P-400-TL-16B	Total/NA	Water	200	
460-257386-30 DU	P-400-TL-16B	Total/NA	Water	200	

Analysis Batch: 846610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257386-30	P-400-TL-16B	Total/NA	Water	200.8	846028
MB 460-846028/1-A	Method Blank	Total/NA	Water	200.8	846028
LCS 460-846028/2-A	Lab Control Sample	Total/NA	Water	200.8	846028
460-257386-30 MS	P-400-TL-16B	Total/NA	Water	200.8	846028
460-257386-30 DU	P-400-TL-16B	Total/NA	Water	200.8	846028

Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Client Sample ID: P-400-DW-01A

Date Collected: 05/01/22 11:00 Date Received: 05/03/22 10:20

Client: CHA Inc

Lab Sample ID: 460-257386-1

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:18	YZH	TAL EDI

Client Sample ID: P-400-NS-02A

Date Collected: 05/01/22 11:05 Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-3

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Į	Total/NA	Analysis	200.8		1	843982	05/11/22 18:20	YZH	TAL EDI

Client Sample ID: P-400-NS-03A

Date Collected: 05/01/22 11:10

Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-5

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:22	YZH	TAL EDI

Client Sample ID: P-400-KS-04A

Date Collected: 05/01/22 11:15

Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-7

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:24	YZH	TAL EDI

Client Sample ID: P-400-IM-05A	Lab Sample ID: 460-25/386-9
Date Collected: 05/01/22 11:20	Matrix: Water
Date Received: 05/03/22 10:20	

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:27	YZH	TAL EDI

Client Sample ID: P-400-KS-06A

Date Collected: 05/01/22 11:25

Date Received: 05/03/22 10:20

Lab Sample ID	: 460-257386-10
---------------	-----------------

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:29	YZH	TAL EDI

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Client Sample ID: P-400-KS-07A

Date Collected: 05/01/22 11:30 Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-12

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:31	YZH	TAL EDI

Client Sample ID: P-400-KS-08A

Date Collected: 05/01/22 11:35 Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-14

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:33	YZH	TAL EDI

Client Sample ID: P-400-KS-09A

Date Collected: 05/01/22 11:40 Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-16

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
l	Total/NA	Analysis	200.8		1	843982	05/11/22 18:40	YZH	TAL EDI

Client Sample ID: P-400-KS-10A

Date Collected: 05/01/22 11:45 Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-18

Matrix: Water

Bassa Torre	Batch	Batch	B	Dilution	Batch	Prepared	A L 4	1 - 1
Prep Type Total/NA	Type Prep	Method 200	Run	Factor	Number 844021	or Analyzed 05/11/22 17:20	Analyst	Lab TAL EDI
Total/NA	Analysis	200.8		1		05/11/22 17:20		TAL EDI

Client Sample ID: P-400-KS-11A

Date Collected: 05/01/22 11:50 Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-20

Batch Batch Dilution Batch Prepared Prep Type Method Run Factor Number or Analyzed Type Analyst I ab TAL EDI Total/NA 200 844021 05/11/22 17:20 YZH Prep Total/NA Analysis 200.8 843982 05/11/22 18:44 YZH TAL EDI 1

Client Sample ID: P-400-IM-12A

Date Collected: 05/01/22 11:55

Date Received: 05/03/22 10:20

Lab Sample ID: 460-257386-22

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844021	05/11/22 17:20	YZH	TAL EDI
Total/NA	Analysis	200.8		1	843982	05/11/22 18:46	YZH	TAL EDI

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Client Sample ID: P-400-KS-13A

Lab Sample ID: 460-257386-23 Date Collected: 05/01/22 12:00

Matrix: Water

Batch Dilution Batch Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor** Number Analyst Lab Total/NA 200 05/11/22 17:20 TAL EDI Prep 844021 Total/NA 200.8 843982 05/11/22 18:48 YZH TAL EDI Analysis 1

Client Sample ID: P-400-DW-14A

Lab Sample ID: 460-257386-25

Matrix: Water

Date Collected: 05/01/22 12:05 Date Received: 05/03/22 10:20

Date Received: 05/03/22 10:20

Batch Batch Dilution Batch Prepared Method **Prep Type** Number or Analyzed Type Run **Factor** Analyst Lab Total/NA Prep 200 844021 05/11/22 17:20 YZH TAL EDI 200.8 Total/NA Analysis 843982 05/11/22 18:51 YZH TAL EDI 1

Client Sample ID: P-400-DW-15A

Lab Sample ID: 460-257386-27

Matrix: Water

Date Collected: 05/01/22 12:10 Date Received: 05/03/22 10:20

Batch Batch Dilution Batch **Prepared** Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab 200 Total/NA Prep 844021 05/11/22 17:20 YZH TAL EDI Total/NA Analysis 200.8 843982 05/11/22 18:53 YZH TAL EDI 1

Client Sample ID: P-400-TL-16A

Lab Sample ID: 460-257386-29

Matrix: Water

Date Collected: 05/01/22 12:15 Date Received: 05/03/22 10:20

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			844160	05/12/22 10:45	YZH	TAL EDI
Total/NA	Analysis	200.8		1	844211	05/12/22 11:31	YZH	TAL EDI

Client Sample ID: P-400-TL-16B

Lab Sample ID: 460-257386-30

Matrix: Water

Date Collected: 05/01/22 12:15 Date Received: 05/03/22 10:20

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	200			846028	05/22/22 18:40	GAE	TAL EDI
Total/NA	Analysis	200.8		1	846610	05/25/22 12:55	YZH	TAL EDI

Laboratory References:

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

Eurofins Edison

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

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Method Summary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

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Sample Summary

Client: CHA Inc Job ID: 460-257386-1

Project/Site: Bergen County Enderhall

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-257386-1	P-400-DW-01A	Water	05/01/22 11:00	05/03/22 10:20
460-257386-3	P-400-NS-02A	Water	05/01/22 11:05	05/03/22 10:20
460-257386-5	P-400-NS-03A	Water	05/01/22 11:10	05/03/22 10:20
460-257386-7	P-400-KS-04A	Water	05/01/22 11:15	05/03/22 10:20
460-257386-9	P-400-IM-05A	Water	05/01/22 11:20	05/03/22 10:20
460-257386-10	P-400-KS-06A	Water	05/01/22 11:25	05/03/22 10:20
460-257386-12	P-400-KS-07A	Water	05/01/22 11:30	05/03/22 10:20
460-257386-14	P-400-KS-08A	Water	05/01/22 11:35	05/03/22 10:20
460-257386-16	P-400-KS-09A	Water	05/01/22 11:40	05/03/22 10:20
460-257386-18	P-400-KS-10A	Water	05/01/22 11:45	05/03/22 10:20
460-257386-20	P-400-KS-11A	Water	05/01/22 11:50	05/03/22 10:20
460-257386-22	P-400-IM-12A	Water	05/01/22 11:55	05/03/22 10:20
460-257386-23	P-400-KS-13A	Water	05/01/22 12:00	05/03/22 10:20
460-257386-25	P-400-DW-14A	Water	05/01/22 12:05	05/03/22 10:20
460-257386-27	P-400-DW-15A	Water	05/01/22 12:10	05/03/22 10:20
460-257386-29	P-400-TL-16A	Water	05/01/22 12:15	05/03/22 10:20
460-257386-30	P-400-TL-16B	Water	05/01/22 12:15	05/03/22 10:20

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	Sampler:	Lab PM	PM: Carrier Tracking No(s)	o(s): COC No:
Client Information	C. Hurlburt	Apr	i Callahan	
Client Confact: Seth Fowler/Carrie Robinson	Phone: 203-8231800		EMULIOUT @ Chacompanics.com	Page: 1 6F 2
Company:			Analysis Requested	31521.2004 757340
Address: 3 Winners Circle	Due Date Requested:			Preservation Codes:
City: Albany State, Zip: N Y	TAT Requested (days): First Draw Samples (A) - 5 day TAT Flush Samples (B) analyzed only on request at	(A) - 5 day TAT ed only on request at		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
Phone: 12205	PO #: 31521			E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2SO3 G - Amchlor S - H9CPA
Email: sfowler@chacompanies.com crobinson@chacompanies.com	WO #:		- D.C	
Project Name: Bergen County Enderhall	Project #:		THE PARTY OF THE P	vv - pri 4-5 Z - other (specify)
Site:	SSOW#:			> > > > > > > > > > > > > > > > > > > >
USample Identification - Client ID (Lab ID)	Sample Date Time	Sample (W=water, Type S=solid, O=wateroil, BT=issue, BT=issue, G=crab)	MS/M MS/N 62008 - Lead	M lato]
		ation	X	
0 N P-400-DW-01A	5/1/22 11:00	3	×	
O P-400-DW-01B	5/1/22 11:00	_		N I
DP-400-NS-02A	5/1/22 11:05			N
P-400-NS-02B	5/1/22 N:OS			7
P-400-NS-03A	5/1/22 11:10			Ju
P-400-NS-03B	5/1/22 II:1D			±
P-400-KS-04A	5/1/22 11:15			34
P-400-KS-04B	5/1/22 11:15			- T
P-400-IM-05A	5/1/22 [1:20			7
P-400-KS-06A	5/1/22 11:25			0)/
P-400-KS-06B	5/1/22 11:25	→	>	1
Possible Hazard Identification			ee may be	ples are retained longer than 1 month)
Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)			Return To, Client	Nonths Months Instrugtions/QC Requirements: Hold all samples ending with "B" until direction from CHA
Empty Kit Relinquished by:	Date:		Time: / Method of Shipment	pment
Relinquismed by:	.22 13	Company Company	ia feder	Styles (O'20 Compage
Heinquished by:	Date/Time:	Company	١	Date/Time: Company
	. Date/Time:	Company		Date/Time: Company
Custody Seals Intact: Custody Sea/No.			Cooler Temperature(s) °C and Other Remarks:	25255
	AND	The state of the same and the s		

Environment Testing

eurofins :

Chain of Custody Record

Eurofins TestAmerica Edison

777 New Durham Road Edison, NJ 08817

13 14

Client Information	Sampler: C. Hurlburt	Lab PM: April Callahan	Carrier Tracking No(s):	COC No:
Client Contact:	Phone:	E-Mail:		Page: 7 2/
Company.	203-8231800			180
CHA		Analysis Requested		31521.2004 75788G
Address: 3 Winners Circle	Due Date Requested:			Preservation Codes:
City: Albany	TAT Requested (days): First Draw Samples (A) - 5 day TAT	,TAT		
State, Zip: NY	Flush Samples (B) analyzed only on request at 10 day TAT	request at		
Phone: 12205				F - MeOH R - Na2S2SO3 G - Amchlor S - H2SO4
Email: <u>sfowder@chacompanies.com</u> sfolinson@chacompanies.com	:# OM	AO)	Marie Marie	H - Ascorbic Acid T - TSP Dodecahydrate I - Ioe U - Acetone J - DI Water V - MCAA
Project Name: Bergen County Enderhall	Project #:			
Site:	SSOW#:	A) asi	of con	Other:
Sample Identification - Client ID (Lab ID)	Sample Date Time G=crab.	Warmens, Sasolid, Sas	, its an imo	
Pag	X	X	X The state of the	Special instructions/Note:
P-400-KS-07A	5/1/22 11:20 (5	1		-(0.
P-400-KS-07B				H /2
P-400-KS-08A	5/1/22 11:35			100
P-400-KS-08B	5/1/22 11:35			10/2
P-400-KS-09A	5/1/22 [1]:40			12
P-400-KS-09B	5/1/22 11:4D			14
P-400-KS-10A	5/1/22 11:4S			8)/
P-400-KS-10B	5/1/22 11:45			H // 0
P-400-KS-11A	6/1/22 N:SD			07
P-400-KS-11B	5/1/22 11:50			
P-400-IM-12A	5/1/22 1/1:55	>		100.
Possible Hazard Identification		Sample Disposal (A fee may be ass	essed if samples are retained	ed longer than 1 month)
Unconfirmed		Return To Client Spisposal By Lab Archive For Mor	Disposal By Lab	Archive For Months
Deliverable requested: 1, II, III, IV, Other (specify)		Special Instructions/QC Requirements: Hold all samples ending with "B" until direction from CHA	Hold all samples ending w	vith "B" until direction from CHA
Empty Kit Relinquished by:	Date:	Time: /	Method of Shipment:	
Relinguished by: Relinguished by:	Date(Time: 5.7.22 13:00	Н	Date Time:	10 mg Company
5/2		Company Received by: Company Decision D	Date/Time: (Company
1			Date IIIIe.	Company
Custody Seals Infact: Custody Seal No.: A Yes A No		Cooler Temperature(s) °C and Other Remarks:~	1-2-8#at:	222

Environment Testing TestAmerica

🔅 eurofins

Chain of Custody Record

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

5.2 = 5.2

Date/Time:

Received by:

3:00

22:25

Date/Time:

Custody Sea (No.)

Custody Seals Intact: A Yes A No

elinquished by: Relinquished by:

Cooler Temperature(s) °C and Other Remarks TO 49-13

	Chain of Custo	in of Custody Becord	eurotins e	Environment Testing
Edison, NJ 08817 Phone (732) 549-3900 Fax (732) 549-3679			-	TestAmerica
Client Information	Sampler: C. Hurlburt	Lab PM: April Callahan	Carrier Tracking No(s):	COC No:
Client Contact: Seth Fowler/Carrie Robinson	Phone: 203-8231800	E-Mail:		Page: 3 CF 3
Сомралу: СНА		Analy	Analysis Requested	Job#: 31521.2004 1598B
Address: 3 Winners Circle	Due Date Requested:			ő
City: Albany	TAT Requested (days): First Draw Samples (A) - 5 day TAT	TAT		
State, Zip: NY	Flush Samples (B) analyzed only on request at 10 day TAT	equest at	HAV!	C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S F - NaHSO4
Phone: 12205				
Email: sfowler@chacompanies.com crobinson@chacompanies.com	WO#:		SJE	H - Ascorbic Acid 1 - Ice J - DI Water
Project Name: Bergen County Enderhall	Project #:		ociatn	L - EDA
Site:	SSOW#:	Samp	. 01 60	Other:
	Sample (C=comp,	Water of Wat	sedmuM isto	
Sample identification - Cilent ID (Lab ID)	Sample Date (I'me G=grab) A=Air) Preservation Code:	X	T X	Special Instructions/Note:
NP-400-KS-13A	5/1/22 12:00 (9	3		-23
Q P-400-KS-13B	5/1/22 12:00 1			#
NP-400-DW-14A	5/1/22 12:05			18
P-400-DW-14B	5/1/22 12:05			H
P-400-DW-15A	5/1/22 [2:10			to
P-400-DW-15B	5/1/22 12:10			T. A.
P-400-TL-16A	2/1/25 ال3:الأ			
P-400-TL-16B	5/1/22 12:18	→ →		н -30
		-		
Possible Hazard Identification		Sample Disposal (A fee	Sample Disposal (A fee may be/assessed if samples are retained longer than 1 month)	ined longer than 1 month)
Unconfirmed Deliverable Requested: 11. III. IV. Other (specify)		Special Instructions/OC Re	Special Instructions/OC Benuirements: Hold all samples and my with "B" until direction from CHA	Archive For Months
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	/

eurofins 😽

Eurofins TestAmerica Edison

					s Other																		
					Total Phos	(pH<2)																	
CORRECTED	CORRECTED	2	၁့	ပ္	Total Cyanide	(pH>12)															-		4
Mod		2	ပ္	ပ္	TOC	(pH<2)																3	Expiration Date:
	!	Cooler #7:	Cooler #8:	Cooler #9:	ΥK	(pH<2)																1	
	(3	ŭ	ŏ	Sulfide	(6 <hd)< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>sed (ml):</td><td>Expiration Date:_</td></hd)<>																sed (ml):	Expiration Date:_
tures					Phenols	(pH<2)																Volume of Preservative used (ml):	Expirat
mpera	CONNECTED	١	٥	ပ္	EPH or QAM	(pH<2)														low:		ne of Pres	
Cooler lemperatures		١	ပ	ပ္	Pest	(bH 5-9)														nation be		Volur	
3		Cooler #4:	Cooler #5:	Cooler #6:	Hardness	(pH<2)														the infor			
	(3	ŭ	ŏ	Metals	(pH<2)	5	77	77	73	20	75	75	77	23	75	42	42	42	ed record	4	3	3
					Nitrate Nitrite	(pH<2)														re requir	3		
CORRECTED	2.8		ပ္စ	ပ္	COD	(pH<2)														stments			
RAW	0	2	ပ္စ	၁့	Ammonia	(pH<2)														If pH adjustments are required record the information below:	djusted:	e/Conc.	
	0000		Cooler #2:	Cooler #3:		TALS Sample Number		9	2	4	d	9	4	8	6	9)		3	Ü		Sample No(s). adjusted:	Preservative Name/Conc.	Lot # of Preservative(s):
						TALS Sam															ν)	Pre	_

Other

Receipt Temperature and pH Log TestAmerica Edison

Job Number:

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

13 14

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

Date:

Initials:

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

Total Cyanide Total Phos Other The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. (pH<2) (pH>12) (pH<2) T0C Cooler #9: Cooler #8: (pH<2) Z Z Z Volume of Preservative used (ml): Expiration Date: Phenols Sulfide (pH>9) (pH<2) Cooler Temperatures S (pH<2) EPH or QAM If pH adjustments are required reçord the information below: ပ္ S (bH 2-9) Pest Cooler #4: Cooler #5: Cooler #6: Metals Hardness (pH<2) 4 25 ハル IR Gun # (pH<2) 7 77 16 77 77 3 Nitrate Nitrite (pH<2) (pH<2) COD 2330 ပ္စ ပ Sample No(s). adjusted: Preservative Name/Conc.. Lot # of Preservative(s): Ammonia (pH<2) Cooler #2: Cooler #3: TALS Sample Number 0 Number of Coolers:

Other

Receipt Temperature and pH Log

Job Number:

TestAmerica Edison

13 14

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

Date

Initials:

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

Total Cyanide Total Phos Other The appropriate Project Manager and Department Manager should be notified about the sample's which were pH adjusted. (pH<2) S (pH>12) ၁ (pH<2) TOC Cooler #8: Cooler #9: Cooler #7: (pH<2) 1 KN Expiration Date: Volume of Preservative used (ml): Phenols Sulfide (b<Hd) (pH<2) Cooler Temperatures ပ္ S (pH<2) EPH or QAM If pH adjustments are required record the information below: S ပ္ (bH 2-9) Pest Cooler #4: Cooler #5: Cooler #6: Metals Hardness (pH<2) IR Gun # (pH<2) 2 5 (pH<2) Nitrate Nitrite 2.5° (pH<2) COD 2330 Preservative Name/Conc. ပ္ S Sample No(s). adjusted: (pH<2) Lot # of Preservative(s): Ammonia Cooler #1: Cooler #2: Cooler #3: TALS Sample Number Number of Coolers:

Other

Receipt Temperature and pH Log

Job Number:

TestAmerica Edison

Login Sample Receipt Checklist

Client: CHA Inc Job Number: 460-257386-1

Login Number: 257386 **List Source: Eurofins Edison**

Creator: Lysy, Susan		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	Limited volume received.
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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Page 26 of 26

5/27/2022

List Number: 1

Creator: Lysy, Susan

LABORATORY REPORTS

Teterboro Campus

Vocational School



Environment Testing America

ANALYTICAL REPORT

Eurofins Edison 777 New Durham Road Edison, NJ 08817 Tel: (732)549-3900

Laboratory Job ID: 460-257385-1

Client Project/Site: Bergen County Technical Services

For: CHA Inc III Winners Circle PO BOX 5269 Albany, New York 12205-0269

Attn: Ms. Carrie Robinson

Authorized for release by:

April Callahan, Project Manager

(732)549-3900

5/18/2022 11:13:27 AM

(102)043 0000

April.Callahan@et.eurofinsus.com

----- LINKS -----**Review your project** results through EOL **Have a Question?** Visit us at: www.eurofinsus.com/Env

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.

Project/Site: Bergen County Technical Services

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Chacklists	15

Definitions/Glossary

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Glossary

LOD

LOQ

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
CFU	Colony Forming Unit
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)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit

Limit of Detection (DoD/DOE)

Limit of Quantitation (DoD/DOE)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive 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)

TNTC Too Numerous To Count

Eurofins Edison

Page 3 of 15

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7

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Case Narrative

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Job ID: 460-257385-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: CHA Inc

Project: Bergen County Technical Services

Report Number: 460-257385-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 5/3/2022 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Receipt Exceptions

Remaining holds were canceled on 5/17.

TOTAL METALS

Samples P-275-KS-06A (460-257385-1), T-504-DW-07A (460-257385-3) and CHA-1 (460-257385-4) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared and analyzed on 05/11/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: CHA Inc
Project/Site: Bergen County Technical Services

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

No Detections.

Client Sample ID: T-504-DW-07A

No Detections.

Client Sample ID: CHA-1

Lab Sample ID: 460-257385-4

No Detections.

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Client Sample Results

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Client Sample ID: P-275-KS-06A Lab Sample ID: 460-257385-1

Date Collected: 05/01/22 12:30 Matrix: Water Date Received: 05/03/22 10:20

Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL unit
 D unit
 D prepared
 Analyzed 05/11/22 17:20
 Dil Fac 05/11/22 17:28

 Lead
 <0.011</td>
 2.00
 0.11
 ug/L
 05/11/22 17:20
 05/11/22 17:58
 1

Lead <0.11 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 17:58

Client Sample ID: T-504-DW-07A

Date Collected: 05/01/22 13:20

Lab Sample ID: 460-257385-3

Matrix: Water

Date Received: 05/03/22 10:20

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 05/11/22 17:20
 05/11/22 18:09
 1

Client Sample ID: CHA-1 Lab Sample ID: 460-257385-4

Date Collected: 05/01/22 13:00 Matrix: Water

Date Received: 05/03/22 10:20

 Method: 200.8 - Metals (ICP/MS)

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Lead
 <0.11</td>
 2.00
 0.11
 ug/L
 05/11/22 17:20
 05/11/22 18:16
 1

Lead <0.11 2.00 0.11 ug/L 05/11/22 17:20 05/11/22 18:16

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QC Sample Results

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 460-844021/1-A **Client Sample ID: Method Blank**

Matrix: Water

Prep Type: Total/NA **Analysis Batch: 843982 Prep Batch: 844021**

MB MB

<0.11

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac Prepared 2.00 05/11/22 17:20 05/11/22 17:51 Lead < 0.11 0.11 ug/L

Lab Sample ID: LCS 460-844021/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 843982

Prep Batch: 844021 Spike LCS LCS %Rec

Analyte Added Result Qualifier Unit D %Rec Limits 5.00 85 - 115 Lead 4.88 ug/L 98

Lab Sample ID: 460-257385-1 MS Client Sample ID: P-275-KS-06A

Matrix: Water

Analysis Batch: 843982 Prep Batch: 844021

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec

5.00

Client Sample ID: P-275-KS-06A Lab Sample ID: 460-257385-1 DU

4.92

ug/L

Matrix: Water

Lead

Analysis Batch: 843982

Prep Batch: 844021 DU DU **RPD** Sample Sample

Analyte Result Qualifier Result Qualifier Unit RPD Limit Lead <0.11 <0.11 NC ug/L

Prep Type: Total/NA

Prep Type: Total/NA

70 - 130

QC Association Summary

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Metals

Analysis Batch: 843982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257385-1	P-275-KS-06A	Total/NA	Water	200.8	844021
460-257385-3	T-504-DW-07A	Total/NA	Water	200.8	844021
460-257385-4	CHA-1	Total/NA	Water	200.8	844021
MB 460-844021/1-A	Method Blank	Total/NA	Water	200.8	844021
LCS 460-844021/2-A	Lab Control Sample	Total/NA	Water	200.8	844021
460-257385-1 MS	P-275-KS-06A	Total/NA	Water	200.8	844021
460-257385-1 DU	P-275-KS-06A	Total/NA	Water	200.8	844021

Prep Batch: 844021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-257385-1	P-275-KS-06A	Total/NA	Water	200	_
460-257385-3	T-504-DW-07A	Total/NA	Water	200	
460-257385-4	CHA-1	Total/NA	Water	200	
MB 460-844021/1-A	Method Blank	Total/NA	Water	200	
LCS 460-844021/2-A	Lab Control Sample	Total/NA	Water	200	
460-257385-1 MS	P-275-KS-06A	Total/NA	Water	200	
460-257385-1 DU	P-275-KS-06A	Total/NA	Water	200	

Eurofins Edison

5/18/2022

Lab Chronicle

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

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

Date Received: 05/03/22 10:20

Lab Sample ID: 460-257385-1 Date Collected: 05/01/22 12:30

Matrix: Water

Batch Batch Dilution Batch **Prepared** Method or Analyzed **Prep Type** Type Run **Factor** Number Analyst Lab Total/NA 200 844021 05/11/22 17:20 TAL EDI Prep Total/NA 200.8 TAL EDI 843982 05/11/22 17:58 YZH Analysis 1

Client Sample ID: T-504-DW-07A Lab Sample ID: 460-257385-3

Matrix: Water

Date Collected: 05/01/22 13:20 Date Received: 05/03/22 10:20

Batch Batch Dilution Batch Prepared Method **Prep Type** Type Number or Analyzed Run **Factor** Analyst Lab TAL EDI Total/NA Prep 200 844021 05/11/22 17:20 YZH Total/NA 200.8 843982 05/11/22 18:09 YZH TAL EDI Analysis 1

Client Sample ID: CHA-1 Lab Sample ID: 460-257385-4

Date Collected: 05/01/22 13:00 **Matrix: Water**

Date Received: 05/03/22 10:20

Batch Batch Dilution Batch **Prepared** Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab TAL EDI Total/NA Prep 200 844021 05/11/22 17:20 YZH Total/NA Analysis 200.8 843982 05/11/22 18:16 YZH TAL FDI 1

Laboratory References:

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

Accreditation/Certification Summary

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date		
New York	NELAP	11452	04-01-23		

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Method Summary

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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

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A

C

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Sample Summary

Client: CHA Inc Job ID: 460-257385-1

Project/Site: Bergen County Technical Services

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-257385-1	P-275-KS-06A	Water	05/01/22 12:30	05/03/22 10:20
460-257385-3	T-504-DW-07A	Water	05/01/22 13:20	05/03/22 10:20
460-257385-4	CHA-1	Water	05/01/22 13:00	05/03/22 10:20

Eurofins TestAmerica Edison

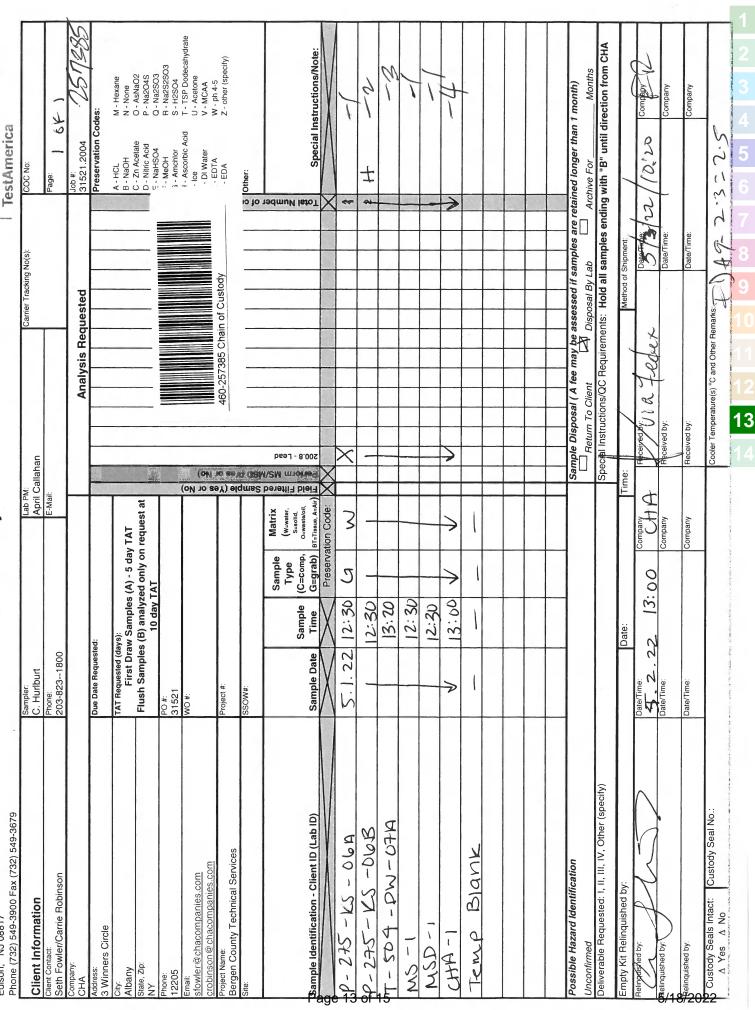
777 New Durham Road

Environment Testing

eurofins

Chain of Custody Record

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



13 14

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: Date Initials: Lot # of Preservative(s):

Volume of Preservative used (ml):

Preservative Name/Conc. Sample No(s), adjusted:

					Othe										
					Other										
					otal Phos	(pH<2)									
		CORRECTED	0,	ပ္	Total Cyanide Total Phos	(pH>12)									
		SAW C	ပွ	ပွ	T0C	(pH<2)									
		Cooler #7:	Cooler #8:	Cooler #9:	TKN	(pH<2)									
		ပိ	S	S.	Sulfide	(6 <hd)< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></hd)<>									
	tures				Phenols	(pH<2)									
	Cooler Temperatures	O. CORRECTED	ပ္	ပ္စ	EPH or QAM	(pH<2)									low:
0	oler Te	RAW	ပ္	ပ္	Pest	(bH 5-9)									nation be
	Co	Cooler #4:	Cooler #5:	Cooler #6:	Hardness	(pH<2)									the inforr
IR Gun #		S	် ပိ	ပိ	* Metals	(pH<2)	45	(1)	E	42					If pH adjustments are required regord the information below:
					Nitrate Nitrite	(pH<2)									re requir
		2.5°C	ပ္	ပ္	COD	(pH<2)									stments a
		2300	ပ္	ပ္	Ammonia	(pH<2)									lf pH adju
olers:		Cooler #1: 2:3	Cooler #2:	Cooler #3:		Number		2	es	b					
Number of Coolers:						TALS Sample Number									
Nu						TAL									

Receipt Temperature and pH Log

Job Number:

TestAmerica Edison

Client: CHA Inc Job Number: 460-257385-1

Login Number: 257385 List Source: Eurofins Edison

List Number: 1 Creator: Lysy, Susan

Creator: Lysy, Susan		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

