



*Effective and Economical  
Environmental Solutions*

**Lead-in-Drinking Water Screening  
Clinton Township Middle School  
34 Grayrock Road  
Clinton, NJ 08809**

**Karl Environmental Group Project #: 21-0738**

**August 18, 2021**

Prepared for:

Mr. Frank Bolognini  
Buildings & Grounds Supervisor  
Clinton Township School District  
128 Cokesbury Road  
Lebanon, NJ 08833

Prepared by:

Karl Environmental Group  
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August 18, 2021

Mr. Frank Bolognini  
Buildings & Grounds Supervisor  
Clinton Township School District  
128 Cokesbury Road  
Lebanon, NJ 08833

**Re: Lead-in-Drinking Water Screening  
Clinton Township School District  
Clinton Township Middle School  
Karl Environmental Group Project #: 21-0738**

Dear Mr. Bolognini:

Thank you for selecting Karl Environmental Group ("Karl") for this project. This report details the methods and findings of the lead in drinking water services as per New Jersey state regulations (amendments to N.J.A.C 6A:26 Educational Facilities) performed at the Clinton Township Middle School (the "Facility"), on August 4, 2021.

## **1.0 PROJECT BACKGROUND**

Karl Environmental was contacted by Mr. Frank Bolognini of the Clinton Township School District (the "Client") to conduct lead in drinking water sampling to determine the lead content of drinking water from sources throughout the Facility. The purpose of lead in drinking water sampling is to determine if any sampled drinking water sources exhibit lead levels exceeding the Regulatory Action Level of 15 parts per billion (ppb).

Drinking water collection points included any water sources from which a student, staff, or faculty may reasonably drink; or from which the water may be used for cooking or beverage preparation, including kitchen faucets and sinks in Faculty/Staff lounges.



## 2.0 LEAD IN DRINKING WATER

Lead is a toxic substance that can be harmful to human health. As compared to adults, children are more susceptible to the detrimental health effects of lead, as their nervous systems are not yet fully developed. Exposure to lead can occur in a variety of ways including through food, soil, deteriorating lead-based paint, and drinking water. Lead can leach into drinking water from plumbing materials such as pipes and solder, as well as brass plumbing fixtures. For this investigation, planning, preparation, methodology, sampling, and follow-up actions were conducted according to the technical guidance provided by New Jersey following the adoption of amendments to N.J.A.C. 6A:26: Educational Facilities, requiring the sampling of drinking water for lead in schools.

## 3.0 DRINKING WATER SAMPLING METHODOLOGY

Karl Environmental collected drinking water samples from water outlets throughout the Clinton Township Middle School facility. At each collection point, Karl Environmental filled a 250 milliliter (mL) wide-mouth high density polyethylene (HDPE) sample collection bottle from the selected water source. Samples were collected after the water in each building had not been used for at least 8 hours, but not more than 48 hours. Samples were preserved using concentrated Nitric Acid (HNO<sub>3</sub>). The initial sample at each collection point represents the first draw sample. The first draw sample is representative of the water from the end point of the water source (i.e., the bubbler or tap).

A field blank using lead-free laboratory reagent water was also collected at each Facility during the sampling event to rule out contamination of samples during the collection and transportation process. All samples were recorded under proper chain of custody and couriered to Suburban Testing Labs (Suburban), a New Jersey certified laboratory (NJ Lab ID #PA081) located in Reading, Pennsylvania for analysis by EPA method 200.8, NJ DOE. During the sampling event on August 4, 2021, Karl Environmental collected the following number of samples at the facility:

### **Clinton Township Middle School**

- Forty-Two First Draw Samples
- One Field Blank



#### 4.0 DRINKING WATER ANALYSIS RESULTS

The analytical lead in drinking water results for each sample collected are listed below:

**Table 1: Clinton Township Middle School – August 4, 2021**

Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
CTM-BLANK	Field Blank	<1.00	No
CTM-01-KIT-FP1-P	Sink	14.6	No
CTM-01-KIT-FP2-P	Sink	24.5	Yes
CTM-01-KIT-FP3-P	Sink	30.4	Yes
CTM-01-KIT-FP4-P	Sink	10.5	No
CTM-01-KIT-FP4L-P	Sink	11.9	No
CTM-01-KIT-IM-P	Ice Machine	<1.00	No
CTM-01-KIT-FP6-P	Sink	17.5	Yes
CTM-01-FACULTY DINING-TF-P	Sink	2.63	No
CTM-01-H CAFÉ-WC1-P	Water Fountain	<1.00	No
CTM-01-H CAFÉ-BF1-P	Bottle Filler	<1.00	No
CTM-01-MO-TF-P	Sink	4.83	No
CTM-01-NURSE-NS1-P	Sink	22.6	Yes
CTM-01-NURSE-NS2-P	Sink	48.7	Yes
CTM-01-MO A 132A-TF-P	Sink	9.19	No
CTM-01-MO-A 132B-TF-P	Bottle Filler	9.04	No
CTM-01-MO-A 152A-SB-P	Water Fountain	6.86	No
CTM-01-H GYM-WC1-P	Water Fountain	<1.00	No
CTM-01-H GYM-BF1-P	Bottle Filler	<1.00	No
CTM-01-H BLR-WC1-P	Water Fountain	4.21	No
CTM-01-H BLR-WC2-P	Water Fountain	5.01	No
CTM-01-H GLR-WC1-P	Water Fountain	1.95	No
CTM-01-H GLR-WC2-P	Water Fountain	2.02	No
CTM-01-155B-SB-P	Water Fountain	24.0	Yes
CTM-01-LIB-TF-P	Sink	9.12	No
CTM-01-H C104A-WC1-P	Water Fountain	7.98	No
CTM-01-H C104A-WC2-P	Water Fountain	1.83	No
CTM-01-C104A-TF-P	Sink	2.20	No
CTM-01-H C118-WC1-P	Water Fountain	<1.0	No
CTM-01-H C118-BF1-P	Water Fountain	<1.0	No
CTM-01-H C136-WC1-P	Water Fountain	1.23	No
CTM-01-H C136-WC2-P	Water Fountain	2.36	No



Sample I.D.	Type of Collection Point	Lead Concentration (ppb)	Above Regulatory Action Level?
CTM-01-H C147-WC1-P	Water Fountain	11.7	No
CTM-01-H C147-WC2-P	Water Fountain	6.31	No
CTM-01-163A-EC1-P	Sink	102	Yes
CTM-01-163A-EC2-P	Sink	44.8	Yes
CTM-01-163A-EC3-P	Sink	11.7	No
CTM-01-163A-EC4-P	Sink	91.9	Yes
CTM-01-163A-EC5-P	Sink	61.3	Yes
CTM-01-163A-EC6-P	Sink	29.7	Yes
CTM-01-163A-EC7-P	Sink	130	Yes
CTM-01-KIT-FP5L-P	Sink	14.3	No
CTM-01-KIT-FP5R-P	Sink	16.2	Yes

Laboratory analytical results were compared to the Regulatory Action Level of 15 ppb for lead. Analysis of lead in the first draw drinking water samples indicated that at the time of the sampling thirteen (13) outlet at the Clinton Township Middle School exceeded the Action Level. Upon receipt of results the District was notified and removed the outlets from service.



## 5.0 CONCLUSIONS & RECOMMENDATIONS

Karl Environmental Group collected first draw samples from drinking water sources throughout the Clinton Township Middle School of the Clinton Township Board of Education. First draw sample results indicated that of the Forty Two samples collected, thirteen samples exhibited lead levels above the Regulatory Action Level of 15 ppb. At the conclusion of the lead in drinking water services, Karl Environmental offers the following recommendations at this time:

- The District should perform second draw flush sampling of all outlets exceeding the regulatory action level of 15ppb prior to placing outlets back in service.
- Continue to monitor lead in drinking water levels as part of a regular sampling and maintenance plan, as per New Jersey State regulations. Amendments will require district-wide sampling every three (3) years.
- In the interim, when drinking water outlets are replaced/added, or the plumbing is disturbed, sampling of the impacted outlets should be completed to determine if lead levels were affected.
- Implement an aerator cleaning maintenance program to prevent the build-up of debris behind the screen which may contribute to elevated lead levels.
- Enter all filter maintenance, aerator maintenance, plumbing repairs/changes and any other pertinent information into the Field Log Book for each Facility.
- Use only cold water for food and beverage preparation. Hot water is more likely to contribute to the corrosion of plumbing materials and therefore contain a greater level of contaminants from the plumbing system.



## 6.0 LIMITATIONS

This investigation focused on lead in drinking water only. No other heavy metals or additional contaminants were sampled for or analyzed. Lead concentrations can change as water continues to move through the water system. Each sample was a grab sample and represents lead concentrations only at the specific time of collection and may vary based on the water usage in the facility. Interpretation of these results is only valid if the facility is serviced by a municipal water supplier or water utility.

This lead sampling event was in response to the amendments to N.J.A.C. 6A:26, Educational Facilities dated July 13, 2016, which requires testing for lead in the drinking water of public and charter school districts every three (3) years.

## 7.0 CLOSING

Thank you for using Karl to assist you with this project. Please do not hesitate to call if you have any questions relating to this report or for any other environmental health and safety concerns.

Respectfully submitted,  
***Karl Environmental Group***

*Aja Slater*

Aja Slater  
Industrial Hygienist  
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Attachments:  
A – Laboratory Analytical Report



**Attachment A**  
**Laboratory Analytical Results**





### Results Report

Order ID: 1H02267

Karl Environmental Group  
20 Lauck Road  
Mohnton, PA 19540

Project: Clinton Township School District

Attn: Jake Edwards

Regulatory ID:

Sample Number: 1H02267-01	Site: CTM-BLANK	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:02 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/16/21 17:56	RPV
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Sample Number: 1H02267-02	Site: CTM-01-KIT-FP1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	14.6	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/16/21 17:58	RPV
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Sample Number: 1H02267-03	Site: CTM-01-KIT-FP2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	24.5	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/16/21 18:01	RPV
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Sample Number: 1H02267-04	Site: CTM-01-KIT-FP3-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	30.4	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:07	RJS
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Sample Number: 1H02267-05	Site: CTM-01-KIT-FP4-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead	10.5	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:18	RJS
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Report Generated On: 08/17/2021 2:04 pm      1H02267  
 STL\_Results    Revision #1.9      Effective: 04/16/2020





# SUBURBAN TESTING LABS

Sample Number: 1H02267-06	Site: CTM-01-KIT-FP4L-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	11.9	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:24	RJS
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Sample Number: 1H02267-07	Site: CTM-01-KIT-IM-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:26	RJS
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Sample Number: 1H02267-08	Site: CTM-01-KIT-FP6-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:03 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	17.5	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:28	RJS
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Sample Number: 1H02267-09	Site: CTM-01-FACULTY DINING-TF-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:12 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	2.63	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:31	RJS
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Sample Number: 1H02267-10	Site: CTM-01-H CAFE-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:15 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:33	RJS
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Sample Number: 1H02267-11	Site: CTM-01-H CAFE-BF1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:15 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:35	RJS
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Sample Number: 1H02267-12	Site: CTM-01-MO-TF-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:17 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	4.83	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:37	RJS
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# SUBURBAN TESTING LABS

Sample Number: 1H02267-13      Site: CTM-01-NURSE-NS1-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:18 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      22.6      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:39      RJS

Sample Number: 1H02267-14      Site: CTM-01-NURSE-NS2-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:18 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      48.7      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:41      RJS

Sample Number: 1H02267-15      Site: CTM-01-MO A132A-TF-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:21 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      9.19      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:43      RJS

Sample Number: 1H02267-16      Site: CTM-01-MO A132B-TF-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:21 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      9.04      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:50      RJS

Sample Number: 1H02267-17      Site: CTM-01-A152A-SB-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:25 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      6.86      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:52      RJS

Sample Number: 1H02267-18      Site: CTM-01-H GYM-WC1-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:27 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      < 1.00      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:54      RJS

Sample Number: 1H02267-19      Site: CTM-01-H GYM-BF1-P      Sample ID: Clinton Township Middle School  
 Collector: JE      Collect Date: 08/04/2021 7:27 am      Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead      < 1.00      µg/L      EPA 200.8      1.00      1      08/05/21      TAH      08/12/21 19:56      RJS

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# SUBURBAN TESTING LABS

Sample Number: 1H02267-20	Site: CTM-01-H BLR-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:29 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	4.21	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:58	RJS
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Sample Number: 1H02267-21	Site: CTM-01-H BLR-WC2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:29 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	5.01	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 20:00	RJS
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Sample Number: 1H02267-22	Site: CTM-01-H GLR-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:30 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	1.95	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 20:02	RJS
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Sample Number: 1H02267-23	Site: CTM-01-H GLR-WC2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:30 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	2.02	µg/L	EPA 200.8	1.00	1	08/05/21	TAH	08/12/21 19:14	RJS
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Sample Number: 1H02267-24	Site: CTM-01-155B-SB-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:36 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	24.0	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 15:54	RPV
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Sample Number: 1H02267-25	Site: CTM-01-LIB-TF-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:38 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	9.12	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:01	RPV
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Sample Number: 1H02267-26	Site: CTM-01-H C104A-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:41 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	7.98	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:03	RPV
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Report Generated On: 08/17/2021 2:04 pm 1H02267  
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# SUBURBAN TESTING LABS

Sample Number: 1H02267-27	Site: CTM-01-H C104A-WC2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:41 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	1.83	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:09	RPV
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Sample Number: 1H02267-28	Site: CTM-01-C104A-TF-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:42 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	2.20	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:13	RPV
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Sample Number: 1H02267-29	Site: CTM-01-H C118-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:46 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:16	RPV
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Sample Number: 1H02267-30	Site: CTM-01-H C118-BF1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:46 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:18	RPV
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Sample Number: 1H02267-31	Site: CTM-01-H C136-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:49 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	1.23	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:21	RPV
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Sample Number: 1H02267-32	Site: CTM-01-H C136-WC2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:49 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	2.36	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:24	RPV
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Sample Number: 1H02267-33	Site: CTM-01-H C147-WC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:53 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	11.7	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:27	RPV
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Report Generated On: 08/17/2021 2:04 pm 1H02267  
 STL\_Results Revision #1.9 Effective: 04/16/2020





# SUBURBAN TESTING LABS

Sample Number: 1H02267-34	Site: CTM-01-H C147-WC2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:53 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	6.31	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:29	RPV
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Sample Number: 1H02267-35	Site: CTM-01-163A-EC1-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	102	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:31	RPV
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Sample Number: 1H02267-36	Site: CTM-01-163A-EC2-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	44.8	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:34	RPV
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Sample Number: 1H02267-37	Site: CTM-01-163A-EC3-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	11.7	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:41	RPV
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Sample Number: 1H02267-38	Site: CTM-01-163A-EC4-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	91.9	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:43	RPV
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Sample Number: 1H02267-39	Site: CTM-01-163A-EC5-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	61.3	µg/L	EPA 200.8	1.00	1	08/05/21	RPV	08/12/21 12:05	RJS
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Sample Number: 1H02267-40	Site: CTM-01-163A-EC6-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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### Metals

Lead	29.7	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:45	RPV
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Report Generated On: 08/17/2021 2:04 pm 1H02267  
 STL\_Results Revision #1.9 Effective: 04/16/2020





Sample Number: 1H02267-41	Site: CTM-01-163A-EC7-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:57 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	130	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:47	RPV

Sample Number: 1H02267-42	Site: CTM-01-KIT-FP5L-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:08 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	14.3	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:49	RPV

Sample Number: 1H02267-43	Site: CTM-01-KIT-FP5R-P	Sample ID: Clinton Township Middle School
Collector: JE	Collect Date: 08/04/2021 7:08 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	16.2	µg/L	EPA 200.8	1.00	1	08/05/21	AER	08/16/21 16:51	RPV

**Sample Receipt Conditions:**

All samples met the sample receipt requirements for the relevant analyses.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

\**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's TNI (NELAC) Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

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Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Ryan F Knerr  
Project Manager II

Report Generated On: 08/17/2021 2:04 pm 1H02267  
STL\_Results Revision #1.9 Effective: 04/16/2020





61C



1H02267  
Ryan F Knerr

TAT(Check One):  Standard  24hr  48hr  72hr  Other  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: \_\_\_\_\_

Client Name: Karl Environmental Group  
Address: 20 Lauck Road  
Mohnton PA 19540  
Contact Name: Aja Slater/ Jake Edwards

Phone: 610-856-07700  
Email: aslater@karlenv.com  
P.O. Info: \_\_\_\_\_

Project Name: Clinton Township School District 21-0738  
Address: Clinton Township Middle School  
34 Grayrock Road, Clinton NJ 08809  
Regulatory ID (SDWA/Permit #): \_\_\_\_\_

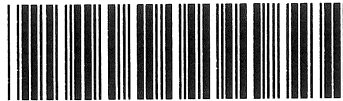
Comments: NJ DOE Lead in Drinking Water - Page 1

STL Sample Number	Sample Description / Site ID: <u>NR 8/4/21</u>	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:	
							Matrix	Sample Type	Bottle Type	Preservative		
<u>(8) 250 mL P HNO3</u> <u>* Preserved w/ 20 drops HNO3</u> <u>pH=2</u>												
<u>★ CTM-BLANK</u>		<u>8/4/2021</u>	<u>7:02</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>	<u>Field Blank</u>	
<u>CTM-01-KIT-FP1-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		
<u>CTM-01-KIT-FP2-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		
<u>CTM-01-KIT-FP3-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		
<u>CTM-01-KIT-FP4-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		
<u>CTM-01-KIT-FP4L-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		
<u>CTM-01-KIT-IM-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		
<u>CTM-01-KIT-FP6-P</u>		<u>8/4/2021</u>	<u>7:03</u>	<u>JE</u>	<u>Lead, 200.8, NJ DOE</u>	<u>1</u>	<u>PW</u>	<u>G</u>	<u>P</u>	<u>H</u>		

Relinquished By: <u>[Signature]</u>	Count: <u>8</u>	Date: <u>8/4/21</u>	Temp °C: _____	<b>Sample Conditions</b>		<b>Matrix Key</b>		<b>Bottle Type Key</b>	
Received By: _____		Time: <u>1207</u>	Temp °C: _____	Submitted with COC? <input checked="" type="checkbox"/> N	Number of containers match number on COC? <input checked="" type="checkbox"/> N	NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA O = Other	PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene	A = Ascorbic Acid C = HCl H = HNO <sub>3</sub> N = Sodium Thiosulfate
Relinquished By: _____		Date: _____	Temp °C: _____	All containers in tact? <input checked="" type="checkbox"/> N					
Received in Lab By: <u>[Signature]</u>	Count: <u>8</u>	Date: <u>8/4/21</u>	Temp °C: <u>17.6</u>	Tests within holding times? <input checked="" type="checkbox"/> N	40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> N	G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence	O = Other OH = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other NA = None Required	
		Time: <u>1207</u>	Acceptable: <input checked="" type="checkbox"/> N						

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TAT(Check One):  Standard  24hr  48hr  72hr  Other  
 (Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: \_\_\_\_\_

Client Name: Karl Environmental Group

1H02267  
Ryan F Knerr

Address: 20 Lauck Road  
Mohnton PA 19540

Phone: 610-650-0770

Email: aslater@karlenv.com

Contact Name: Aja Slater/ Jake Edwards

P.O. Info: \_\_\_\_\_

me: Clinton Township School District 21-0738

Address: Clinton Township Middle School  
34 Grayrock Road, Clinton NJ 08809

Regulatory ID (SDWA/Permit #): \_\_\_\_\_

Comments: NJ DOE Lead in Drinking Water - Page 2

STL Sample Number	Sample Description / Site ID: <i>NR 8/4/21</i>	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:	
							Matrix	Sample Type	Bottle Type	Preservative		
<i>(8) 250 mL P HNO3</i> <i>* - Preserved w/ 20 drops HNO3 - pH 2</i>												
<i>★</i>	CTM-01-FACULTY DINING-TF-P	8/4/2021	7:12	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-H CAFE-WC1-P	8/4/2021	7:15	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-H CAFE-BF1-P	8/4/2021	7:15	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-MO-TF-P	8/4/2021	7:17	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-NURSE-NS1-P	8/4/2021	7:18	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-NURSE-NS2-P	8/4/2021	7:18	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-MO A132A-TF-P	8/4/2021	7:21	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
	CTM-01-MO A132B-TF-P	8/4/2021	7:21	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		

Relinquished By: <i>[Signature]</i>	Count: <i>8</i>	Date: <i>8/4/21</i>	Temp °C: _____	<b>Sample Conditions</b> Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Tests within holding times? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>Matrix Key</b> NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	<b>Bottle Type Key</b> P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA O = Other PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene
Received By:		Date:	Temp °C: _____			
Relinquished By:		Date:	Temp °C: _____	<b>Sample Type Key</b> G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	<b>SDWA Sample Types</b> D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence	<b>Preservative Key</b> A = Ascorbic Acid C = HCl H = HNO <sub>3</sub> N = Sodium Thiosulfate OH = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other NA = None Required
Received in Lab By: <i>[Signature]</i>	Count: <i>8</i>	Date: <i>8/4/21</i>	Temp °C: <i>17.6°C</i>			

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611



1H02267  
Ryan F Knerr

TAT (Check One):  Standard  24hr  48hr  72hr  Other  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: \_\_\_\_\_

Client Name: Karl Environmental Group  
 Address: 20 Lauck Road Phone: 610-856-07700  
Mohnton PA 19540 Email: aslater@karlenv.com  
 Contact Name: Aja Slater/ Jake Edwards P.O. Info: \_\_\_\_\_

Clinton Township School District 21-0738 C  
 Address: Clinton Township Middle School  
34 Grayrock Road, Clinton NJ 08809  
 Regulatory ID (SDWA/Permit #): \_\_\_\_\_

Comments:

NJ DOE Lead in Drinking Water - Page 3

STL Sample Number	Sample Description / Site ID: <i>NR 8/4/21</i>	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:	
							Matrix	Sample Type	Bottle Type	Preservative		
<i>(8)</i>	<i>250 mL P HNO3</i> <i>* Preserved w/20 drops HNO3</i> <i>pH=2</i>											
<input checked="" type="checkbox"/>	CTM-01-A152A-SB-P	8/4/2021	7:25	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-H GYM-WC1-P	8/4/2021	7:27	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-H GYM-BF1-P	8/4/2021	7:27	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-H BLR-WC1-P	8/4/2021	7:29	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-H BLR-WC2-P	8/4/2021	7:29	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-H GLR-WC1-P	8/4/2021	7:30	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-H GLR-WC2-P	8/4/2021	7:30	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
<input checked="" type="checkbox"/>	CTM-01-155B-SB-P	8/4/2021	7:36	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		

Relinquished By: <i>[Signature]</i>	Count: <i>8</i>	Date: <i>8/4/21</i>	Temp °C: _____	<b>Sample Conditions</b> Submitted with COC? <input checked="" type="checkbox"/> N Number of containers match number on COC? <input checked="" type="checkbox"/> N All containers in tact? <input checked="" type="checkbox"/> N Tests within holding times? <input checked="" type="checkbox"/> N 40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> N	<b>Matrix Key</b> NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	<b>Bottle Type Key</b> P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene O = Other
Received By:	Date: _____	Temp °C: _____	Acceptable: Y / N			
Relinquished By:	Date: _____	Temp °C: _____	Acceptable: Y / N	<b>Sample Type Key</b> G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	<b>SDWA Sample Types</b> D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence	<b>Preservative Key</b> A = Ascorbic Acid C = HCl H = HNO <sub>3</sub> N = Sodium Thiosulfate OH = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other NA = None Required
Received in Lab By: <i>[Signature]</i>	Date: <i>8/4/21</i>	Temp °C: <i>17.6</i>	Acceptable: <input checked="" type="checkbox"/> N			

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.5 Effective April 24, 2020. Shaded areas are for STL use only.



61



1H02267  
Ryan F Knerr

TAT (Check One):  Standard  24hr  48hr  72hr  Other  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: \_\_\_\_\_

Client Name: Karl Environmental Group  
 Address: 20 Lauck Road Phone: 610-856-07700  
Mohnton PA 19540 Email: aslater@karlenv.com  
 Contact Name: Aja Slater/ Jake Edwards P.O. Info: \_\_\_\_\_

Clinton Township School District 21-0738   
 Address: Clinton Township Middle School  
34 Grayrock Road, Clinton NJ 08809  
 Regulatory ID (SDWA/Permit #): \_\_\_\_\_

Comments: NJ DOE Lead in Drinking Water - Page 4

STL Sample Number	Sample Description / Site ID: <i>NE 8/4/21</i>	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:	
							Matrix	Sample Type	Bottle Type	Preservative		
<i>(B) 250 mL P HNO3</i> <i>*Preserved w/ 20 drops HNO3</i> <i>pH 2</i>												
<i>★</i> CTM-01-LIB-TF-P		8/4/2021	7:38	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C104A-WC1-P		8/4/2021	7:41	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C104A-WC2-P		8/4/2021	7:41	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-C104A-TF-P		8/4/2021	7:42	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C118-WC1-P		8/4/2021	7:46	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C118-BF1-P		8/4/2021	7:46	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C136-WC1-P		8/4/2021	7:49	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C136-WC2-P		8/4/2021	7:49	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		

Relinquished By:	Count: <i>8</i>	Date: <i>8/4/21</i>	Temp °C: _____	<b>Sample Conditions</b> Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Tests within holding times? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>Matrix Key</b> NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	<b>Bottle Type Key</b> P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene O = Other
Received By:	Date: _____	Temp °C: _____	Acceptable: Y / N			
Relinquished By:	Date: _____	Temp °C: _____	Acceptable: Y / N	<b>Sample Type Key</b> G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	<b>SDWA Sample Types</b> D=Distribution E=Entry Point R=Raw C=Check S=Special M=Maximum Residence	<b>Preservative Key</b> A = Ascorbic Acid C = HCl H = HNO <sub>3</sub> N = Sodium Thiosulfate OH = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other NA = None Required
Received in Lab By:	Date: <i>8/4/21</i>	Temp °C: <i>17.6</i>	Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			

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611



1H02267  
Ryan F Knerr

TAT(Check One):  Standard  24hr  48hr  72hr  Other  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)  
Order ID: \_\_\_\_\_

Client Name: Karl Environmental Group  
Address: 20 Lauck Road Phone: 610-856-07700  
Mohnton PA 19540 Email: aslater@karlenv.com  
Contact Name: Aja Slater/ Jake Edwards P.O. Info: \_\_\_\_\_

Clinton Township School District 21-0738  
Address: Clinton Township Middle School  
34 Grayrock Road, Clinton NJ 08809  
Regulatory ID (SDWA/Permit #): \_\_\_\_\_

Comments:  
NJ DOE Lead in Drinking Water - Page 5

STL Sample Number	Sample Description / Site ID	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:	
							Matrix	Sample Type	Bottle Type	Preservative		
(15) 250 mL P HNO3 * - Preserved w/20 drops HNO3 pH=2 NR 8/4/21												
CTM-01-H C147-WC1-P		8/4/2021	7:53	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-H C147-WC2-P		8/4/2021	7:53	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-163A-EC1-P		8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-163A-EC2-P		8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-163A-EC3-P		8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-163A-EC4-P		8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-163A-EC5-P		8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		
CTM-01-163A-EC6-P		8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H		

Relinquished By: <i>[Signature]</i>	Count: 8	Date: 8/4/21	Temp °C: _____	<b>Sample Conditions</b>	<b>Matrix Key</b>	<b>Bottle Type Key</b>	
Received By: <i>[Signature]</i>		Time: 1207	Temp °C: _____	Submitted with COC? <input checked="" type="checkbox"/> N	NPW = Non-Potable Water	P = Plastic	PP = Sterile Polypropylene
		Date: _____	Temp °C: _____	Number of containers match number on COC? <input checked="" type="checkbox"/> N	Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)	G = Glass	PS = Sterile Polystyrene
		Time: _____	Acceptable: Y / N	All containers in tact? <input checked="" type="checkbox"/> N	PW = Potable Water (not for SDWA compliance)	GA = Glass Amber	HDPE = High Density Polyethylene
Relinquished By: _____		Date: _____	Temp °C: _____	Tests within holding times? <input checked="" type="checkbox"/> N	SDWA = Safe Drinking Water Act Potable Sample	VOA = 40mL G or GA	O = Other
Received in Lab By: <i>[Signature]</i>	Count: 8	Date: 8/4/21	Temp °C: 17.6	40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> N	<b>Sample Type Key</b>	<b>Preservative Key</b>	
		Time: 1207	Acceptable: <input checked="" type="checkbox"/> N		G = Grab	A = Ascorbic Acid	OH = NaOH
					C = Composite	C = HCl	S = H <sub>2</sub> SO <sub>4</sub>
					8HC = 8 Hr. Composite	H = HNO <sub>3</sub>	O = Other
					24HC = 24 Hr. Composite	N = Sodium Thiosulfate	NA = None Required

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1H02267  
Ryan F Knerr

TAT(Check One):  Standard  24hr  48hr  72hr  Other \_\_\_\_\_  
(Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

Order ID: \_\_\_\_\_

Client Name: Karl Environmental Group

Address: 20 Lauck Road  
Mohnton PA 19540

Phone: 610-856-07700

Email: aslater@karlenv.com

Contact Name: Aja Slater/ Jake Edwards

P.O. Info: \_\_\_\_\_

Client: Clinton Township School District 21-0738 C

Address: Clinton Township Middle School  
34 Grayrock Road, Clinton NJ 08809

Regulatory ID (SDWA/Permit #): \_\_\_\_\_

Comments:

NJ DOE Lead in Drinking Water - Page 6

STL Sample Number	Sample Description / Site ID: <i>NR 8/4/21</i>	Date Sampled	Time Sampled	Samplers Initials	Test(s) Requested:	Bottle Quantity	See Codes Below				Comments / Field Data:
							Matrix	Sample Type	Bottle Type	Preservative	
<i>(3)</i>	<i>250 mL P HNO3</i> <i>* Preserved w/ 20 drops HNO3</i> <i>pH &lt; 2</i>										
<i>*</i>	CTM-01-163A-EC7-P	8/4/2021	7:57	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
<i>↓</i>	CTM-01-KIT-FP5L-P	8/4/2021	7:08	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	
<i>↓</i>	CTM-01-KIT-FP5R-P	8/4/2021	7:08	JE	Lead, 200.8, NJ DOE	1	PW	G	P	H	

Relinquished By: <i>[Signature]</i>	Count: <i>3</i>	Date: <i>8/4/21</i> Time: <i>1207</i>	Temp °C: _____	<b>Sample Conditions</b> Submitted with COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>Matrix Key</b> NPW = Non-Potable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	<b>Bottle Type Key</b> P = Plastic G = Glass GA = Glass Amber VOA = 40mL G or GA O = Other PP = Sterile Polypropylene PS = Sterile Polystyrene HDPE = High Density Polyethylene
Received By:		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y / N	Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>Sample Type Key</b> G = Grab C = Composite 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	<b>Preservative Key</b> A = Ascorbic Acid C = HCl H = HNO <sub>3</sub> N = Sodium Thiosulfate OH = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other NA = None Required
Relinquished By:		Date: _____ Time: _____	Temp °C: _____ Acceptable: Y / N	All containers in tact? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Received in Lab By: <i>[Signature]</i>	<i>3</i>	Date: <i>8/4/21</i> Time: <i>1207</i>	Temp °C: <i>17.6</i> Acceptable: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Tests within holding times? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
				40 mL VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		

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