

ANALYTICAL REPORT

PREPARED FOR

Attn: Joe Kady
Mansfield Township Elementary School
50 Port Murray Road
Port Murray, New Jersey 07865

Generated 9/25/2024 8:44:50 AM

JOB DESCRIPTION

Mansfield Township Elementary - Lead/Copper
Triennial PB/CU (Begin 2024 June)

JOB NUMBER

630-95547-1

Eurofins Environment Testing Philadelphia, LLC

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Philadelphia, LLC Project Manager.

Authorization



Generated
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Authorized for release by
Erin Dougherty, Project Administrator
Erin.Dougherty@et.eurofinsus.com
(215)355-3900

Eurofins Environment Testing Philadelphia, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



Case Narrative

Client: Mansfield Township Elementary School
Project: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Job ID: 630-95547-1

Eurofins Environment Testing Philadelphia,

**Job Narrative
630-95547-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/9/2024 2:47 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 time was 1.0°C.

Metals

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

Eurofins Environment Testing Philadelphia, LLC

Sample Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
630-95547-1	PBCU 1 GYM FOUNTAIN GIRLS	Drinking Water	09/06/24 06:05	09/09/24 14:47	NJ2116305
630-95547-2	PBCU 3 GYM FOUNTAIN BOYS	Drinking Water	09/06/24 06:08	09/09/24 14:47	NJ2116305
630-95547-3	PBCU 4 3RD GRADE BOYS FOUNTAIN	Drinking Water	09/06/24 05:52	09/09/24 14:47	NJ2116305
630-95547-4	PBCU 5 ROOM 40 FAUCET	Drinking Water	09/06/24 05:00	09/09/24 14:47	NJ2116305
630-95547-5	PBCU 6 COMPUTER FOUNTAIN 11	Drinking Water	09/06/24 06:15	09/09/24 14:47	NJ2116305
630-95547-6	PBCU 7 2ND GRADE FOUNTAIN	Drinking Water	09/06/24 06:03	09/09/24 14:47	NJ2116305
630-95547-7	PBCU 8 LIBRARY SINK	Drinking Water	09/06/24 06:12	09/09/24 14:47	NJ2116305
630-95547-8	PBCU 9 NURSES ROOM FAUCET	Drinking Water	09/06/24 05:55	09/09/24 14:47	NJ2116305
630-95547-9	PBCU 10 FOUNTAIN RIGHT SIDE 6TH GRADE	Drinking Water	09/06/24 06:10	09/09/24 14:47	NJ2116305
630-95547-10	PBCU 2 ROOM 15 FOUNTAIN	Drinking Water	09/06/24 05:57	09/09/24 14:47	NJ2116305

Client Sample Results

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Client Sample ID: PBCU 1 GYM FOUNTAIN GIRLS

Date Collected: 09/06/24 06:05

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-1

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.061		0.010	0.0023	mg/L		09/22/24 12:30	1	F7JF
Lead	ND		0.0010	0.00069	mg/L		09/22/24 12:30	1	F7JF

Client Sample ID: PBCU 3 GYM FOUNTAIN BOYS

Date Collected: 09/06/24 06:08

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-2

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.049		0.010	0.0023	mg/L		09/22/24 12:32	1	F7JF
Lead	ND		0.0010	0.00069	mg/L		09/22/24 12:32	1	F7JF

Client Sample ID: PBCU 4 3RD GRADE BOYS FOUNTAIN

Date Collected: 09/06/24 05:52

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-3

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.053		0.010	0.0023	mg/L		09/18/24 18:24	1	F7JF
Lead	ND		0.0010	0.00069	mg/L		09/18/24 18:24	1	F7JF

Client Sample ID: PBCU 5 ROOM 40 FAUCET

Date Collected: 09/06/24 05:00

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-4

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.14		0.010	0.0023	mg/L		09/22/24 12:35	1	F7JF
Lead	0.0013		0.0010	0.00069	mg/L		09/22/24 12:35	1	F7JF

Client Sample ID: PBCU 6 COMPUTER FOUNTAIN 11

Date Collected: 09/06/24 06:15

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-5

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.051		0.010	0.0023	mg/L		09/13/24 14:23	1	F7JF
Lead	0.0039		0.0010	0.00069	mg/L		09/13/24 14:23	1	F7JF

Client Sample ID: PBCU 7 2ND GRADE FOUNTAIN

Date Collected: 09/06/24 06:03

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-6

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.042		0.010	0.0023	mg/L		09/18/24 18:26	1	F7JF
Lead	ND		0.0010	0.00069	mg/L		09/18/24 18:26	1	F7JF

Client Sample Results

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Client Sample ID: PBCU 8 LIBRARY SINK

Date Collected: 09/06/24 06:12

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-7

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.061		0.010	0.0023	mg/L		09/22/24 12:37	1	F7JF
Lead	0.0058		0.0010	0.00069	mg/L		09/22/24 12:37	1	F7JF

Client Sample ID: PBCU 9 NURSES ROOM FAUCET

Date Collected: 09/06/24 05:55

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-8

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.084		0.010	0.0023	mg/L		09/22/24 12:39	1	F7JF
Lead	0.017		0.0010	0.00069	mg/L		09/22/24 12:39	1	F7JF

Client Sample ID: PBCU 10 FOUNTAIN RIGHT SIDE 6TH GRADE

Date Collected: 09/06/24 06:10

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-9

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.046		0.010	0.0023	mg/L		09/22/24 12:16	1	F7JF
Lead	0.0083		0.0010	0.00069	mg/L		09/22/24 12:16	1	F7JF

Client Sample ID: PBCU 2 ROOM 15 FOUNTAIN

Date Collected: 09/06/24 05:57

Date Received: 09/09/24 14:47

Lab Sample ID: 630-95547-10

Matrix: Drinking Water

PWSID Number: NJ2116305

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.042		0.010	0.0023	mg/L		09/18/24 18:22	1	F7JF
Lead	0.0014		0.0010	0.00069	mg/L		09/18/24 18:22	1	F7JF

Action Limit Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Client Sample ID: PBCU 1 GYM FOUNTAIN GIRLS

Lab Sample ID: 630-95547-1

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.061		mg/L	1	0.010	200.8	Total/NA
Lead	ND		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 3 GYM FOUNTAIN BOYS

Lab Sample ID: 630-95547-2

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.049		mg/L	1	0.010	200.8	Total/NA
Lead	ND		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 4 3RD GRADE BOYS FOUNTAIN

Lab Sample ID: 630-95547-3

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.053		mg/L	1	0.010	200.8	Total/NA
Lead	ND		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 5 ROOM 40 FAUCET

Lab Sample ID: 630-95547-4

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.14		mg/L	1	0.010	200.8	Total/NA
Lead	0.0013		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 6 COMPUTER FOUNTAIN 11

Lab Sample ID: 630-95547-5

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.051		mg/L	1	0.010	200.8	Total/NA

Eurofins Environment Testing Philadelphia, LLC

Action Limit Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Client Sample ID: PBCU 6 COMPUTER FOUNTAIN 11

Lab Sample ID: 630-95547-5

(Continued)

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL Limit	RL	Method	Prep Type
Lead	0.0039		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 7 2ND GRADE FOUNTAIN

Lab Sample ID: 630-95547-6

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL Limit	RL	Method	Prep Type
Copper	0.042		mg/L	1	0.010	200.8	Total/NA
Lead	ND		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 8 LIBRARY SINK

Lab Sample ID: 630-95547-7

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL Limit	RL	Method	Prep Type
Copper	0.061		mg/L	1	0.010	200.8	Total/NA
Lead	0.0058		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 9 NURSES ROOM FAUCET

Lab Sample ID: 630-95547-8

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL Limit	RL	Method	Prep Type
Copper	0.084		mg/L	1	0.010	200.8	Total/NA
Lead	0.017		mg/L	0.02	0.0010	200.8	Total/NA

Action Limit Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Client Sample ID: PBCU 10 FOUNTAIN RIGHT SIDE 6TH

Lab Sample ID: 630-95547-9

GRADE

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.046		mg/L	1	0.010	200.8	Total/NA
Lead	0.0083		mg/L	0.02	0.0010	200.8	Total/NA

Client Sample ID: PBCU 2 ROOM 15 FOUNTAIN

Lab Sample ID: 630-95547-10

PWSID Number: NJ2116305

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL	RL	Method	Prep Type
				Limit			
Copper	0.042		mg/L	1	0.010	200.8	Total/NA
Lead	0.0014		mg/L	0.02	0.0010	200.8	Total/NA

Accreditation/Certification and Definitions Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-25

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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
MRL	Method Reporting 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
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-95547-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

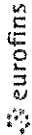
Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Field Submission Form



ECOC No:
213251



Environment Testing

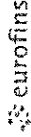
Client Information		Sampler * Wind Gap Phone:		Lab PM Dougherty, Erin E-Mail Erin.Dougherty@eurofins.com		Carrier Tracking No(s)		COC No: 630-107265-8006.1	
Company Mansfield Township Elementary School		Deliver After: 06/07/2024 12:00 AM Deliver By: 06/07/2024 11:59 PM		State of Origin		Page Page 1 of 2		Job #	
Address: 50 Port Murray Road		Due Date Requested:		Analysis Requested		Preservation Codes: N - None		Loc: 630 95547	
City: Port Murray		TAT Requested (days):		Perform MS/MSD (Yes or No)		Other:		Field Readings:	
State, Zip NJ, 07865		Compliance Project: ☐ Yes ☒ No		Field Filled Sample (Yes or No)		Total Number of			
Phone:		Purchase Order not required		200.8, SDWA - Cu & Pb only					
Project Name: Mansfield Township Elementary		Project # 63002483		Matrix (Whole, Split, Sub, Aqueous)					
Event Desc:		Sample Date		Sample Time		Preservation Code:			
Sample Identification		Sample Type (C, G, S, A, W)		Sample Matrix (Whole, Split, Sub, Aqueous)		Field Filled Sample (Yes or No)		Field Readings:	
PBCU 1 Gym Fountain Girls		9/6/24		6:05 AM		Drinking Water		X	
PBCU 3 Gym Fountain Boys		9/6/24		6:08		Drinking Water		X	
PBCU 4 3RD Grade Boys Fountain		9/6/24		5:52 AM		Drinking Water		X	
PBCU 5 Room 40 Faucet		9/6/24		5:50 AM		Drinking Water		X	
PBCU 6 Computer Fountain 11		9/6/24		6:15 AM		Drinking Water		X	
PBCU 7 2ND Grade Fountain		9/6/24		6:03 AM		Drinking Water		X	
PBCU 8 Library Sink		9/6/24		6:12 AM		Drinking Water		X	
PBCU 9 Nurses Room Faucet		9/6/24		5:55 AM		Drinking Water		X	
PBCU 10 Fountain Right side 6th grade		9/6/24		6:10 AM		Drinking Water		X	

Field Notes: PWSID: NJ2116305 DROP OFF 10 BOTTLES EARLY JUNE. SAMPLES MUST BE COLLECTED BETWEEN 6/1-9/30.

Possible Hazard Identification		Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:	
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☐ Radiological
Relinquished by: <i>Joe Kady</i>		Date: 9-9-24 1:00 PM		Company: <i>EEEP</i>	
Relinquished by: <i>Joe Kady</i>		Date: 09-09-24 1447		Company: <i>EEEP</i>	
Relinquished by:		Date:		Company:	
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>110°/61° HSL/24</i>	



ECOC No.:
243254

[illegible]

Field Submission Form

[illegible]

Chain of Custody Record



Client Information (Sub Contract Lab) Client Contact: _____ Shipping/Receiving: _____ Company: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____		Lab PM: _____ E-Mail: _____ State of Origin: _____ New Jersey		Carrier Tracking No(s): _____ DOC No: _____ 630-15257-1 Page: _____ Page 1 of 2 Job #: _____ 630-95547-1	
Due Date Requested: _____ 9/23/2024 TAT Requested (days): _____		Analysis Requested: _____			
Project Name: _____ Mansfield Township Elementary - CU/PB Site: _____ Mansfield Twp Elem		Other: _____			
Project #: _____ 63002483 SOW #: _____		Special Instructions/Notes: _____			
Sample Identification - Client ID (Lab ID)		Total Number of Containers			
PBCU 1 GYM FOUNTAIN GIRLS (630-95547-1)		1			
PBCU 3 GYM FOUNTAIN BOYS (630-95547-2)		1			
PBCU 4 3RD GRADE BOYS FOUNTAIN (630-95547-3)		1			
PBCU 5 ROOM 40 FAUCET (630-95547-4)		1			
PBCU 6 COMPUTER FOUNTAIN 11 (630-95547-5)		1			
PBCU 7 2ND GRADE FOUNTAIN (630-95547-6)		1			
PBCU 8 LIBRARY SINK (630-95547-7)		1			
PBCU 9 NURSES ROOM FAUCET (630-95547-8)		1			
PBCU 10 FOUNTAIN RIGHT SIDE 6TH GRADE (630-95547-9)		1			
Sample Date		Sample Time		Matrix (water, sweat, other)	
9/6/24		06:05 Eastern		G Drinking Water	
9/6/24		06:06 Eastern		G Drinking Water	
9/6/24		05:52 Eastern		G Drinking Water	
9/6/24		05:00 Eastern		G Drinking Water	
9/6/24		06:15 Eastern		G Drinking Water	
9/6/24		06:03 Eastern		G Drinking Water	
9/6/24		06:12 Eastern		G Drinking Water	
9/6/24		05:55 Eastern		G Drinking Water	
9/6/24		06:10 Eastern		G Drinking Water	
Sample Date		Sample Time		Matrix (water, sweat, other)	
9/6/24		06:05 Eastern		G Drinking Water	
9/6/24		06:06 Eastern		G Drinking Water	
9/6/24		05:52 Eastern		G Drinking Water	
9/6/24		05:00 Eastern		G Drinking Water	
9/6/24		06:15 Eastern		G Drinking Water	
9/6/24		06:03 Eastern		G Drinking Water	
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9/6/24		06:15 Eastern		G Drinking Water	
9/6/24		06:03 Eastern		G Drinking Water	
9/6/24		06:12 Eastern		G Drinking Water	
9/6/24		05:55 Eastern		G Drinking Water	
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9/6/24		06:15 Eastern		G Drinking Water	
9/6/24		06:03 Eastern		G Drinking Water	
9/6/24		06:12 Eastern		G Drinking Water	
9/6/24					

[illegible]

ANALYTICAL REPORT

PREPARED FOR

Attn: Joe Kady
Mansfield Township Elementary School
50 Port Murray Road
Port Murray, New Jersey 07865

Generated 12/2/2024 4:53:02 PM

JOB DESCRIPTION

Mansfield Township Elementary - Lead/Copper
Non-Reg Lead/Copper

JOB NUMBER

630-99755-1

Eurofins Environment Testing Philadelphia, LLC

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Philadelphia, LLC Project Manager.

Authorization



Generated
12/2/2024 4:53:02 PM

Authorized for release by
Erin Dougherty, Project Administrator
Erin.Dougherty@et.eurofinsus.com
(215)355-3900

Eurofins Environment Testing Philadelphia, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments. QC data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Coliform MCLs

· Based on the EPA primary drinking water standard MCL for total coliforms, a water supply is considered bacteriologically "SAFE" if no coliform bacteria are detected. To be considered "SAFE" your report should indicate "<1 cfu/100mL" or "NEG" for the coliform test. If you report indicates a positive result "POS" or a value greater than or equal to one, then your supply is "UNSAFE FOR DRINKING" contact your local health department.

Warranties, Terms, and Conditions

· Analyses for Field Parameters are performed by Eurofins Philadelphia field staff. Locations and certifications are identified on the Chain of Custody as follows:

ERF = field staff performs tests under NJ State certification # 02015.

VL = field staff performs tests under NJ State certification # 06005.

WG = field staff performs tests under NJ State certification # PA001, PA State certification # 48-01334.

H = field staff performs tests under NJ NELAP certification # PA093, PA NELAP certification # 46-05499.

· Test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.

· The report shall not be reproduced, except in full, without the written consent of the laboratory

· All samples are collected as "grab" samples unless otherwise identified.

· Reported results related only to the samples as tested. Eurofins Philadelphia is not responsible for sample integrity unless sampling has been performed by a member of our staff.

· Eurofins Philadelphia is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance.

· Eurofins' online data portal "TotalAccess" will provide you with real-time access to collection dates and testing results. Please contact Client Services for further information.

· The following personnel or their deputies have approved the results of the tests performed by Eurofins Philadelphia : Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).



Case Narrative

Client: Mansfield Township Elementary School
Project: Mansfield Township Elementary - Lead/Copper

Job ID: 630-99755-1

Job ID: 630-99755-1

Eurofins Environment Testing Philadelphia,

**Job Narrative
630-99755-1**

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 11/18/2024 2:15 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 18.1°C.

Metals

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

Sample Summary

Client: Mansfield Township Elementary School

Job ID: 630-99755-1

Project/Site: Mansfield Township Elementary - Lead/Copper

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
630-99755-1	Lead/Copper, Nurse's Office (non-reg)	Drinking Water	11/11/24 06:06	11/18/24 14:15

Client Sample Results

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-99755-1

Client Sample ID: Lead/Copper, Nurse's Office (non-reg)

Lab Sample ID: 630-99755-1

Date Collected: 11/11/24 06:06

Matrix: Drinking Water

Date Received: 11/18/24 14:15

Method: 200.8 Rev 5.4 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	DII Fac	Analyst
Copper	21		10	2.3	ug/L		12/02/24 09:48	1	F7JF
Lead	5.2		1.0	0.69	ug/L		12/02/24 09:48	1	F7JF

Action Limit Summary

Client: Mansfield Township Elementary School

Job ID: 630-99755-1

Project/Site: Mansfield Township Elementary - Lead/Copper

Client Sample ID: Lead/Copper, Nurse's Office (non-reg)

Lab Sample ID: 630-99755-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	NJ 1 MCL		RL	Method	Prep Type
				Limit				
Copper	21		ug/L	1349		10	200.8 Rev 5.4	Total/NA
Lead	5.2		ug/L	15.4		1.0	200.8 Rev 5.4	Total/NA

Accreditation/Certification and Definitions Summary

Client: Mansfield Township Elementary School
Project/Site: Mansfield Township Elementary - Lead/Copper

Job ID: 630-99755-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-25

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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
MRL	Method Reporting 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
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: Mansfield Township Elementary School

Job ID: 630-99755-1

Project/Site: Mansfield Township Elementary - Lead/Copper

Method	Method Description	Protocol	Laboratory
200.8 Rev 5.4	Metals (ICP/MS)	EPA	ELLE
Non-Digest Prep	Preparation, Non-Digested Aqueous Metals	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL-(717)656-2300

Return Samples to: Eurofins Environment Testing Philadelphia, LLC
795 Horsham Road
Horsham, PA 19044-0962

Client Contact Info Name: Joe Kady Address : 50 Port Murray Road Address 2: City, State Zip: Port Murray, New Jersey 07865 Phone: Email: kadyj@mansfieldisd.org Deliverables:				Project Info Company: Mansfield Township Elementary School Project Manager: Dougherty, Erin Purchase Order: Purchase Order not required Work Order: Project Reference: Sampler: * Wind Gap Description: Mansfield Township Elementary/ Site Name: Mansfield Township Elementary Requested TAT: Project Number: 63002483 Sample State: NJ Special Instructions:				Methods and Bottles																								
<table border="1"> <thead> <tr> <th colspan="4">Samples</th> <th>Lat/Long</th> </tr> <tr> <th>#</th> <th>Sample Name</th> <th>Type</th> <th>Matrix</th> <th>Date/Time (24hr)</th> <th>MS / MSD</th> <th>Instructions/Comments</th> <th>Lat/Long</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Lead/Copper, Nurse's Office (non-reg)</td> <td>Grab</td> <td>Drinking Water</td> <td>11/18/24 06:06</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Samples				Lat/Long	#	Sample Name	Type	Matrix	Date/Time (24hr)	MS / MSD	Instructions/Comments	Lat/Long	1	Lead/Copper, Nurse's Office (non-reg)	Grab	Drinking Water	11/18/24 06:06				200.8 Lead/Copper		Plastic 250ml - with Nitric Acid	
Samples				Lat/Long																												
#	Sample Name	Type	Matrix	Date/Time (24hr)	MS / MSD	Instructions/Comments	Lat/Long																									
1	Lead/Copper, Nurse's Office (non-reg)	Grab	Drinking Water	11/18/24 06:06																												
Possible Hazards : Unknown								Disposal by Lab																								
Sample Disposal (A fee may be assessed, if samples are retained longer than 1 month) :								Disposal by Lab																								
Custody History (All dates and times have been converted to the Eastern time zone and are in 24 Hr format.)																																
eCOC Submitted By: Smeraldo, Mark				Date/Time: 11/18/24 13:59																												

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