

ANALYTICAL REPORT

Eurofins Philadelphia
213 Witmer Road
Horsham, PA 19044-0962
Tel: (215)355-3900

Laboratory Job ID: 630-28678-1

Client Project/Site: Spectrum 360, Lower School - Lead/Copper

For:

CSL WATER QUALITY WARREN
PO BOX 4246
Warren, New Jersey 07059

Attn: Gary Thorp



Authorized for release by:
3/18/2022 1:34:45 PM

Erin Dougherty, Project Administrator
(215)355-3900
Erin.Dougherty@eurofinset.com



LINKS

Review your project
results through
TotalAccess

Have a Question?

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The
Expert**

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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



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 EQC 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

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. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC 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 EQC: Nicki Smith (Environmental Chemistry) and Jacqueline Gartner (Water Microbiology).

Erin Dougherty
Project Administrator
3/18/2022 1:34:45 PM

Case Narrative

Client: CSL WATER QUALITY WARREN
Project/Site: Spectrum 360, Lower School - Lead/Copper

Job ID: 630-28678-1

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Job ID: 630-28678-1

Laboratory: Eurofins Philadelphia

Narrative

Job Narrative 630-28678-1

Receipt

The samples were received on 3/9/2022 3:15 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 1.4°C

Metals

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

Sample Summary

Client: CSL WATER QUALITY WARREN
Project/Site: Spectrum 360, Lower School - Lead/Copper

Job ID: 630-28678-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
630-28678-1	1ST FLOOR WATER FOUNTAIN - RIGHT	Drinking Water	03/03/22 08:05	03/09/22 15:15
630-28678-2	2ND FLOOR FOUNTAIN - LEFT	Drinking Water	03/03/22 08:20	03/09/22 15:15
630-28678-3	KITCHEN SINK	Drinking Water	03/03/22 08:10	03/09/22 15:15
630-28678-4	BASEMENT FOUNTAIN	Drinking Water	03/03/22 08:30	03/09/22 15:15

- 1
- 2
- 3
- 4
- 5
- 6
- 7

Client Sample Results

Client: CSL WATER QUALITY WARREN
Project/Site: Spectrum 360, Lower School - Lead/Copper

Job ID: 630-28678-1

Client Sample ID: 1ST FLOOR WATER FOUNTAIN - RIGHT

Lab Sample ID: 630-28678-1

Date Collected: 03/03/22 08:05

Matrix: Drinking Water

Date Received: 03/09/22 15:15

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.11		0.010	0.0023	mg/L		03/17/22 13:27	1	NWV2
Lead	ND		0.0010	0.00069	mg/L		03/17/22 13:27	1	NWV2

Client Sample ID: 2ND FLOOR FOUNTAIN - LEFT

Lab Sample ID: 630-28678-2

Date Collected: 03/03/22 08:20

Matrix: Drinking Water

Date Received: 03/09/22 15:15

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.087		0.010	0.0023	mg/L		03/15/22 12:23	1	S4PD
Lead	ND		0.0010	0.00069	mg/L		03/15/22 12:23	1	S4PD

Client Sample ID: KITCHEN SINK

Lab Sample ID: 630-28678-3

Date Collected: 03/03/22 08:10

Matrix: Drinking Water

Date Received: 03/09/22 15:15

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.12		0.010	0.0023	mg/L		03/15/22 12:27	1	S4PD
Lead	ND		0.0010	0.00069	mg/L		03/15/22 12:27	1	S4PD

Client Sample ID: BASEMENT FOUNTAIN

Lab Sample ID: 630-28678-4

Date Collected: 03/03/22 08:30

Matrix: Drinking Water

Date Received: 03/09/22 15:15

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	0.037		0.010	0.0023	mg/L		03/15/22 12:28	1	S4PD
Lead	ND		0.0010	0.00069	mg/L		03/15/22 12:28	1	S4PD

Accreditation/Certification and Definitions Summary

Client: CSL WATER QUALITY WARREN
Project/Site: Spectrum 360, Lower School - Lead/Copper

Job ID: 630-28678-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-22

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
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

Method Summary

Client: CSL WATER QUALITY WARREN
Project/Site: Spectrum 360, Lower School - Lead/Copper

Job ID: 630-28678-1

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 Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





QC

702 Electronic Drive Phone: 215-355-3900
Horsham, PA 19044 Fax: 215-392-0626

Client/Acct. No. AS0076
Address CS WATER QUALITY
156 MT. PETHOL RD
City/State/Zip WARREN NJ 07053
Phone/Fax 908-229-6240
Client Contact: GARY THORP

CHAIN OF CUSTODY

Page ___ of ___

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

SPECTRUM 360

LOWER SCHOOL

P.O. No. PWSID #:

Quote #

e-mail: Gary@CSwater.com

Lab LIMS No:

LAB USE ONLY:

___ Ascorbic/HCL Vials # ___ HCl Vials
___ Na₂S₂O₃
___ Na OH/Zn acetate pH
___ HNO₃ pH
___ H₂SO₄ pH
___ NaOH pH
___ Unpreserved
___ HCl # ___ NH₄Cl # ___ MeOH
___ DI Water

MATRIX CODES

- DW: DRINKING WATER
- GW: GROUND WATER
- WW: WASTEWATER
- SO: SOIL
- SL: SLUDGE
- OIL: OIL
- SOL: NON SOIL SOLID
- MI: MISCELLANEOUS
- X: OTHER

PROJECT

Collection

Number of Containers

FIELD ID

Date

Military Time

GRA B
COM P

Matrix Code

Total H 2 S O 4
H C I
V i a l s
H N O 3
N a O H
Z n A c
U N P R E
B A C T

ANALYSIS REQUESTED

Field pH, Temp (°C), DO, Cl₂, Cond. etc.

1ST FLOOR FOUNTAIN - 3/3/22 8:05 AM DW 1

LEFT

2ND FLOOR FOUNTAIN - 3/3/22 8:20 AM DW 1

LEFT

KITCHEN SINK 3/3/22 8:10 AM DW 1

BASEMENT FOUNTAIN 3/3/22 8:30 AM DW 1

Pb - CU

Pb - CU

Pb - CU

Pb - CU

Loc: 630
28678



630-28678 Chain of Custody

SAMPLED BY: (Name/Company)

GARY THORP
CS Water

TAT: STANDARD (10 DAY)

or DUE DATE / /

Report Format: Standard NJ-RDD

Standard + QC Forms EDD

Ini

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard report.

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY: <input checked="" type="checkbox"/> EQC COURIER <input type="checkbox"/> CLIENT	Custody Seal Number
1. [Signature]	3/9/22	12:16 PM	[Signature]	3/9/22	1216	<input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER	3/9/22
2. [Signature]	3/9/22	1575	2. CUR ERX12	3/9/22	1575	Rec'd Temp.: _____ Initials: _____ Ice Y/N Location: _____	
3.	DATE	TIME	RECEIVED BY	DATE	TIME	COMMENTS:	
4.	DATE	TIME	RECEIVED BY	DATE	TIME		
5.	DATE	TIME	RECEIVED BY	DATE	TIME		

Eurofins Environment Testing Philadelphia-

213 Witmer Road
 Horsham, PA 19044-0962
 Phone: 215-355-3900 Fax: 888-785-8567

Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)		Sampler:		Lab PM: Dougherty, Erin		Carrier Tracking No(s):		COC No: 630-7201.1											
Client Contact: Shipping/Receiving		Phone:		E-Mail: Erin.Dougherty@eurofinset.com		State of Origin: New Jersey		Page: Page 1 of 1											
Company: Eurofins Lancaster Laboratories Env, LLC				Accreditations Required (See note) NELAP - New Jersey				Job #: 630-28678-1											
Address: 2425 New Holland Pike, City: Lancaster State, Zip: PA, 17601 Phone: 717-656-2300(Tel) Email:		Due Date Requested: 3/22/2022 TAT Requested (days):		Analysis Requested						Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)									
Project Name: Spectrum 360, Lower School - PB/CU Site:		Project #: 63002498 SSOW#:								Other:									
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		200.8_SDWA/MTL_ND_Preap Cu & Pb only		Total Number of Containers		Special Instructions/Note:	
				Preservation Code:															
1ST FLOOR WATER FOUNTAIN - RIGHT (630-28678-1)		3/3/22		08:05 Eastern		Drinking Water						X				1			
2ND FLOOR FOUNTAIN - LEFT (630-28678-2)		3/3/22		08:20 Eastern		Drinking Water						X				1			
KITCHEN SINK (630-28678-3)		3/3/22		08:10 Eastern		Drinking Water						X				1			
BASEMENT FOUNTAIN (630-28678-4)		3/3/22		08:30 Eastern		Drinking Water						X				1			
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Philadelphia, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/teats/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Philadelphia, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Philadelphia, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Philadelphia, LLC</p>																			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Unconfirmed										<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)					Primary Deliverable Rank: 1					Special Instructions/QC Requirements:									
Empty Kit Relinquished by:					Date:					Time:					Method of Shipment:				
Relinquished by: <i>[Signature]</i>					Date/Time: 3/9/22 1515					Company: <i>[Signature]</i>					Received by: _____				
Relinquished by:					Date/Time:					Company:					Received by:				
Relinquished by:					Date/Time:					Company:					Received by: <i>[Signature]</i>				
Custody Seals Intact:					Custody Seal No.: <i>BR0120</i>					Cooler Temperature(s) °C and Other Remarks:					3/9/22 22:00 <i>[Signature]</i>				
X Yes Δ No										1.4°C/KS2/300/1000					EUET 3.50C				

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