
Pace Analytical Services, LLC-Ewing
812 Silvia Street * Ewing, NJ 08628 * TEL (609) 737-3477 * pacelabs.com
NELAP Certifications: NJ 11005, NY 12046, PA 68-05417
State Certifications: CT PH-0143

CERTIFICATE OF ANALYSIS

Roger Parr
Natural System Utilities -NSU
170 Township Line Road, Building C
Hillsborough, NJ 08844

Project Name and Number: **Thomas Conley Elementary School PWS NJ1002311**

Workorder: **N111239**

Purchase Order: **NJ 1002311 for TP001001**

February 08, 2023

This report relates only to the sample(s) as received by the laboratory on January 24, 2023. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your Pace[®] Analytical Services, LLC-Ewing project coordinator.

Note: This cover page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Susan McGrady, Quality Assurance
Officer

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170 Township Line Road, Building C
Hillsborough, NJ 08844

Project: Thomas Conley Elementary School - PWS NJ1002311
Client Project Manager: Roger Parr

PAS-Ewing received the samples associated with this batch in compliance with NJDEP guidelines. The requested analysis methods and results are detailed in the following data summary report. Any exception to method procedures are listed in the comments section below or noted with qualification on the results summary pages. Sample collection performed by the individual indicated on the chain of custody, if not collected by a PAS-Ewing technician, then PAS-Ewing is not responsible for sample integrity prior to receipt at the lab as indicated on the chain of custody.

Comments by Project Manager:

Received: 01/24/23 14:15 by Sam Moser

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.5

<u>Laboratory ID</u>	<u>Sample Name</u>	<u>Sample Date</u>	<u>Sampled By</u>
N111239-01	DS- 1 Kitchen Sink	01/24/23 07:05	Matt Koehler
N111239-02	DS-2 Nurses Sink	01/24/23 07:17	Matt Koehler
N111239-03	DS-3 Center Hall Left Fountain	01/24/23 07:20	Matt Koehler
N111239-04	DS-4 Center Hall Right Fountain	01/24/23 07:21	Matt Koehler
N111239-05	DS-5 South Hall Left Fountain	01/24/23 07:14	Matt Koehler
N111239-06	DS-6 South Hall Right Fountain	01/24/23 07:15	Matt Koehler
N111239-07	DS-7 North Hall Left Fountain	01/24/23 07:09	Matt Koehler
N111239-08	DS-8 North Hall Right Fountain	01/24/23 07:10	Matt Koehler
N111239-09	DS-9 Room 140 Nursey Sink	01/24/23 07:27	Matt Koehler
N111239-10	DS-10 Room 136 Preschool Sink	01/24/23 07:24	Matt Koehler

Additional Comments:

None-SM

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Date Received: 01/24/23 14:15

Total Metals

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed
N111239-01	Copper	EPA 200.8	134	10.0	ug/L	1300	DS- 1 Kitchen Sink	01/24/23 07:05	02/02/23 14:15
N111239-02	Copper	EPA 200.8	53.1	10.0	ug/L	1300	DS-2 Nurses Sink	01/24/23 07:17	01/27/23 12:09
N111239-03	Copper	EPA 200.8	1150	10.0	ug/L	1300	DS-3 Center Hall Left Fountain	01/24/23 07:20	02/02/23 14:17
N111239-04	Copper	EPA 200.8	591	10.0	ug/L	1300	DS-4 Center Hall Right Fountain	01/24/23 07:21	01/27/23 12:11
N111239-05	Copper	EPA 200.8	1030	10.0	ug/L	1300	DS-5 South Hall Left Fountain	01/24/23 07:14	01/27/23 12:13
N111239-06	Copper	EPA 200.8	740	10.0	ug/L	1300	DS-6 South Hall Right Fountain	01/24/23 07:15	01/27/23 12:16
N111239-07	Copper	EPA 200.8	95.0	10.0	ug/L	1300	DS-7 North Hall Left Fountain	01/24/23 07:09	01/27/23 12:30
N111239-08	Copper	EPA 200.8	122	10.0	ug/L	1300	DS-8 North Hall Right Fountain	01/24/23 07:10	01/27/23 12:33
N111239-09	Copper	EPA 200.8	552	10.0	ug/L	1300	DS-9 Room 140 Nursey Sink	01/24/23 07:27	01/27/23 12:35
N111239-10	Copper	EPA 200.8	607	10.0	ug/L	1300	DS-10 Room 136 Preschool Sink	01/24/23 07:24	01/27/23 12:37

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed
N111239-01	Lead	EPA 200.8	3.9	0.5	ug/L	15	DS- 1 Kitchen Sink	01/24/23 07:05	02/02/23 14:15
N111239-02	Lead	EPA 200.8	ND	0.5	ug/L	15	DS-2 Nurses Sink	01/24/23 07:17	01/27/23 12:09
N111239-03	Lead	EPA 200.8	38.7	0.5	ug/L	15	DS-3 Center Hall Left Fountain	01/24/23 07:20	02/02/23 14:17
N111239-04	Lead	EPA 200.8	ND	0.5	ug/L	15	DS-4 Center Hall Right Fountain	01/24/23 07:21	01/27/23 12:11
N111239-05	Lead	EPA 200.8	ND	0.5	ug/L	15	DS-5 South Hall Left Fountain	01/24/23 07:14	01/27/23 12:13
N111239-06	Lead	EPA 200.8	ND	0.5	ug/L	15	DS-6 South Hall Right Fountain	01/24/23 07:15	01/27/23 12:16
N111239-07	Lead	EPA 200.8	5.8	0.5	ug/L	15	DS-7 North Hall Left Fountain	01/24/23 07:09	01/27/23 12:30
N111239-08	Lead	EPA 200.8	2.3	0.5	ug/L	15	DS-8 North Hall Right Fountain	01/24/23 07:10	01/27/23 12:33
N111239-09	Lead	EPA 200.8	2.2	0.5	ug/L	15	DS-9 Room 140 Nursey Sink	01/24/23 07:27	01/27/23 12:35
N111239-10	Lead	EPA 200.8	1.1	0.5	ug/L	15	DS-10 Room 136 Preschool Sink	01/24/23 07:24	01/27/23 12:37



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Notes and Definitions

X	Matrix Spike (MS) or Matrix Spike Duplicate (MSD) recovery outside recommended limits.
U	Compound not detected
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Detection Limit (RDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
MCL/AL	Maximum Contaminant Level/Action Level
mg/kg wet	Results reported as wet weight
TTLIC	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure



Chain of Custody / Analysis Request Form



Natural System Utilities -NSU
Thomas Conley Elementary School

Client Information
Client Name & Address Applied Water Management
2 Clerico Lane
Hillsborough, NJ 08844

Page 1 of 1

Lot:
Block:

Phone:

Fax:

Sampled by: (Print/Sign) Matt Koehler/ *MK*

Lab ID No.	Sample ID/Location	Date Sampled	Time Sampled	Grab COMP	Total No. Containers	Bottle Vol	Matrix	HCl	Sterile	H2SO4	HNO3	Unpres	Other	ANALYSIS REQUESTED	Cooler Temp Received on Ice Aq. Pest, pH 5-9 pH Adjustment Chlorine Present VOA Headspace
-01	DS-1 Kitchen Sink	1-24-23	705	x	1	250	w				x			Lead & Copper	11.5 °C
-02	DS-2 Nurses Sink	1-24-23	717	x	1	250	w				x			Lead & Copper	11.5 °C
-03	DS-3 Center Hall Left Fountain	1-24-23	720	x	1	250	w				x			Lead & Copper	11.5 °C
-04	DS-4 Center Hall Right Fountain	1-24-23	721	x	1	250	w				x			Lead & Copper	11.5 °C
-05	DS-5 South Hall Left Fountain	1-24-23	714	x	1	250	w				x			Lead & Copper	11.5 °C
-06	DS-6 South Hall Right Fountain	1-24-23	715	x	1	250	w				x			Lead & Copper	11.5 °C
-07	DS-7 North Hall Left Fountain	1-24-23	709	x	1	250	w				x			Lead & Copper	11.5 °C
-08	DS-8 North Hall Right Fountain	1-24-23	710	x	1	250	w				x			Lead & Copper	11.5 °C
-09	DS-9 Room 140 Nursery Sink	1-24-23	727	x	1	250	w				x			Lead & Copper	11.5 °C
-10	DS-10 Room 136 Preschool Sink	1-24-23	724	x	1	250	w				x			Lead & Copper	11.5 °C

Relinquished by Sampler 1 <i>MK</i>	Date: 1-24-23 Time: 1230	Received by: 1 <i>Benjamin Ward</i>	Date: 1/24/23 Time: 1300
Relinquished by: 2 <i>Benjamin Ward</i>	Date: 1/24/23 Time: 1415	Received by: 2	Date: Time:
Relinquished by: 3	Date: Time:	Received by: 3	Date: Time:

New Jersey Analytical Laboratories
1580 Reed Road Suite A1 Pennington, NJ 08534
Tel: 609-737-3477 Fax: 609-737-3052

Cooler Temp
Received for Laboratory by: *Ad* 12423 1415